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BUSINESS

Accounting

★ CACC100 Introductory Financial Accounting

Antirequisite: CACC 110 and AFA 100

The course is designed to give students a basic understanding of accounting for business decisions. Accounting is the language of business. The course will emphasize how transactions impact the accounting equation (Assets = Liabilities + Shareholders' Equity). Detailed journal entries will not be emphasized. Accounting 100 will emphasize the decision-makers or users. The course should be taken by students who don't want to become accountants, but want to gain a basic understanding of accounting.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours **Fees: \$807.98**

★ CACC110 Financial Accounting

Designed to prepare students for an Accounting Minor, this course will introduce you to the interesting and challenging field of Financial Accounting. This is a language designed to capture, summarize, and communicate the economic facts about an organization in a set of financial statements and the related descriptive notes. The principles of accounting and reporting to various users that are external to the organization and emphasize the decision-makers or users. Financial statement content and the uses and limitations of this information.

Online Delivery

This course is offered in an online, asynchronous format except for its midterm(s) and final exam, which are held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

You will be required to write an in-person examination as part of the assessment for your course. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved external invigilation service. Details on how to arrange invigilation will be provided prior to the first day of class.

Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours **Fees: \$807.98**

★ CACC333 Core Concepts of Accounting

Prerequisites: CACC 100 and CACC 406

This course is for students who have completed CACC 100 and CACC 406 and wish to minor in either Accounting or Finance. This is a demanding course that should prepare you for Intermediate Accounting.

39.0 Hours **Fees: \$646.26**

★ CACC406 Introductory Management Accounting

Prerequisite: CACC 100 or CACC 110 or AFA 100 or Business Management Special student Antirequisites: CACC 410, AFA 200, CHSM 407, HTA 402

Designed for non-accounting majors, this course introduces the basic management accounting concepts to business students. Topics covered provide a good balance between the concepts and procedures used in the accumulation and use of data by management accountants to facilitate planning and decision-making. Cost behaviour and its implications for planning, reporting to management and control is stressed.

Online Delivery

This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

You will be required to write an in-person examination as part of the assessment for your course. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved external invigilation service. Details on how to arrange invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

Classroom Delivery

This course offers on-campus section(s) for the 2022/23 academic year. On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit COVID-19 Updates for Chang School Students for the most up-to-date guidance on attending on-campus classes.

39.0 Hours **Fees: \$646.26**

★ CACC410 Management Accounting

Prerequisite: CACC 110 or AFA 100 Antirequisites: CACC 406 and AFA 200

Designed to prepare students for an Accounting Minor, this course introduces the basic management accounting concepts to business students. Topics covered provide a good balance between the concepts and procedures used in the accumulation and use of data by management accountants to facilitate planning and decision making. Cost behaviour and its implications for planning, reporting to management and control is stressed.

Online Delivery

This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

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You will be required to write an in-person examination as part of the assessment for your course. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved external invigilation service. Details on how to arrange invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours **Fees: \$646.26**

★ CACC414 Intermediate Accounting I

Prerequisite: CACC 410 or CACC 333

This course reviews and embellishes the financial reporting requirements as presented in generally accepted accounting principles (GAAP). The topics will include revenue recognition and the asset side of the balance sheet. Students should expect to use and expand on the application of all the generally accepted accounting principles and concepts covered in introductory financial and management accounting courses. To be successful in the course, students should be prepared to work independently outside the class sessions.

Online Delivery

This course is offered in an online, asynchronous format except for its midterm(s) and final exam, which are held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

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You will be required to write an in-person examination as part of the assessment for your course. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved external invigilation service. Details on how to arrange invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours **Fees: \$580.52**

★ CACC504 Accounting Cases and Concepts I

Corequisite: CACC 514

This course begins with a conceptual review of accounting principles, and reviews issues studied in earlier courses such as revenue recognition, the treatment of research and development cost, and insolvency. Students are also introduced to accounting in the not-for-profit sector, and issues in international accounting. This course emphasizes the role of communication in the accounting

profession. Critical thinking and problem solving skills are developed through extensive use of case analysis.

Online Delivery

This course is offered in an online, asynchronous format except for its midterm(s) and final exam, which are held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

You will be required to write an in-person examination as part of the assessment for your course. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved external invigilation service. Details on how to arrange invigilation will be provided prior to the first day of class.

39.0 Hours **Fees: \$580.52**

★ CACC514 Intermediate Accounting II

Prerequisite: CACC 414

This course continues from the CACC 414 coverage of the financial reporting requirements as presented in generally accepted accounting principles. The topics will include liabilities, share capital transactions, earnings per share calculations, adjustments, correction of errors, income taxes, leases, pensions and financial statement analysis. Students should expect to use and expand on the application of generally accepted accounting principles and concepts covered in CACC 414 and introductory financial and management accounting courses. To be successful in the course, students should be prepared to work independently outside the class sessions.

Online Delivery

This course is offered in an online, asynchronous format except for its final exam, which is held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

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Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

You will be required to write an in-person examination as part of the assessment for your course. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved external invigilation service. Details on how to arrange invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours **Fees: \$580.52**

★ CACC521 Auditing

Prerequisite: CACC 514

An introduction to the auditing standards and procedures developed by the accounting profession. Topics covered include: auditing standards, the audit report, materiality, risk, gathering of evidence and sampling. The course is useful to the student who is interested in the profession of auditing or developing a manager's understanding of auditing.

Online Delivery

This course is offered in an online, asynchronous format except for its final exam, which is held on campus. Details on the date of your exam can be found on the Exams for Online Courses webpage.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

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You will be required to write an in-person examination as part of the assessment for your course. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved external invigilation service. Details on how to arrange invigilation will be provided prior to the first day of class.

39.0 Hours

Fees: \$580.52

★ CACC703 Advanced Financial Accounting

Prerequisites: CACC 504 and CACC 514

This course is designed for students pursuing a professional accounting designation, and covers the more complex aspects of financial accounting. The course includes coverage of Long Term Intercompany Investments, Consolidations, Foreign Currency Translations and Reporting of Foreign Operations in accordance with International Financial Reporting Standards (IFRS). Accounting Standards for Private Enterprises (ASPE) relating to course topics will also be reviewed. A case analysis approach is emphasized.

This course is online and asynchronous except for its final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$580.52

★ CACC742 Canadian Business Taxation I

Prerequisites: CACC 514; Antirequisite: ACC 042

A detailed examination of the federal income tax law concerning income of individuals from employment, business and property. The implementation of the law and its effects, and issues in tax planning and other practical matters are explored, as well as legal interpretations of the law, through examination of a wide variety of practical problems and cases. Related rules in the Goods and Services Tax Act are also examined. Students should have a knowledge of accounting and business law, and be prepared to spend a minimum of two hours outside of class for every hour in class. (Formerly first half of ACC 042.)

This course is online and asynchronous except for its final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$580.52

★ CACC801 Intermediate Cost and Management Accounting

Prerequisite: CACC 414; Antirequisite: EMS 303

This course will provide a comprehensive study of costing for decision making, planning and performance evaluation. Emphasis will be placed on cost allocation methods, capital budgeting and transfer pricing.

This course is online and asynchronous except for its midterm and final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your midterm and final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$580.52

★ CACC842 Canadian Business Taxation II

Prerequisite: CACC 742

A further examination of the federal income tax law, dealing with its implementation and effects on both large and small corporations, their shareholders, and their business and financial decisions. Practical tax planning issues are explored, as well as interpretations of the law, in a wide variety of problems and cases. Taxation of partnerships, trusts, and the Goods and Services Tax are also examined. (Formerly second half of ACC 042.)

This course is online and asynchronous except for its final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$580.52

CZAA100 Understanding Financial Information

This course will provide students in the Human Resources Professional Association (HRPA) program with an overview of both financial and managerial accounting. Students will acquire a basic understanding of generally accepted accounting principles (GAAP), how they are used to develop the components of standard financial statements, and how financial statements are used by various decision-makers within and outside the firm. Cost behaviour, cost-volume-profit analysis, budgeting and analysis of budget variances will also be covered.

NEW! Since August 2020, this single course has been approved by the HRPA to cover the coursework requirement for the Accounting and Finance subject area. For those pursuing the CHRP designation but not a degree this will be a convenient alternative to taking CACC 100 and CACC 406.

Visit the HRPA school search for a list of approved courses.

39.0 Hours

Fees: \$631.65

Economics

★ CECN104 Introductory Microeconomics

Antirequisite: ECN 101

This is an introductory course to economics. This course is concerned with basic concepts of demand and supply, the theory of the firm, and distribution of income. It includes a study of business behaviour and decision making under various market conditions: pure competition, oligopoly, monopolistic competition, monopoly.

These section(s) are fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$589.39

★ CECN189 Mathematics for Economics I

Prerequisite: CECN 109; Antirequisites: CMTH 207, GMS 130, CGMS 702

CECN 189 is an introduction to fundamental calculus techniques which are frequently used in Economics. The course focuses on single variable differential calculus (limits, continuity, differentiation and integration) and on its application to optimization problems. The course uses a wide range of economic applications to illustrate and motivate all the covered mathematical techniques.

52.0 Hours

Fees: \$776.15

★ CECN204 Introductory Macroeconomics

Antirequisite: ECN 201

This is an introductory course to economics. This course is concerned with basic concepts of levels of national income, employment and prices, the business cycle, factors affecting economic growth and international trade. It also includes a critical analysis of monetary and fiscal policies designed to achieve the established goals.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$589.39

★ CECN210 Understanding Economics

Antirequisites: ECN 101, CECN 104, ECN 201, CECN 204; Not available to students in Ted Rogers School of Management.

The lower level liberal studies course introduces the economic way of thinking. At a microeconomic level students learn how to analyse markets under different structures such as perfect competition and monopoly. At a macroeconomic level students learn how to analyse how the Canadian economy works and how the major problems of unemployment and inflation can be dealt with. Other topics covered are fiscal and monetary policy and the overall role of government in the economy.

39.0 Hours

Fees: \$589.39

★ CECN230 Mathematics for Economics II

Prerequisite: CECN 189 or MTH 189 or ECN 89A/B or QMS 130 or CGMS 702 Antirequisite: CMTH 231, MTH 240, CMTH 310

This course introduces the students to mathematical topics beyond what is covered in ECN189. It covers multivariable differential calculus, and it introduces topics such as basic matrix algebra, constrained optimization, and comparative statistics for general function modes. The course uses a wide range of economic applications to illustrate and motivate all the covered mathematical techniques.

52.0 Hours

Fees: \$589.39

★ CECN301 Intermediate Macroeconomics I

Prerequisites: (CECN 101 or CECN 104 or Direct Entry) and (CECN 201 or CECN 204 or Direct Entry) and (CECN 189 or QMS 130 or CGMS 702 or CMTH 131 or MTH 141 or CMTH 207 or CMTH 310)

This course introduces students to the theory and practice of intermediate-level macroeconomics. Topics include data collection and measurement of key macroeconomic variables, the closed economy one-period model, models of economic growth, search and unemployment, and inflation. Data collection will involve downloading economic series from data bases such as the CANSIM database of Statistics Canada and working with spreadsheets such as EXCEL.

On-campus exam requirement:Your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$570.61

★ CECN321 Introduction to Law and Economics

Prerequisite: ECN 101 or CECN 104 or Direct Entry

Economic aspects of social and legal issues and policies in regional, national and international contexts: property, contracts, torts, environmental law, and the economics of crime and punishment.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

☆ CECN329 Statistics for Economics II

Prerequisites: CECN 129 and CECN 230 Antirequisites: CMTH 404, CMTH 480, CGMS 442

CECN 329 is a continuation of the topics covered in CECN 129, Statistics for Economics I. It includes such topics as estimation, hypothesis testing, inferences, analysis of variance, simple regression and multiple regressions, and model building.

52.0 Hours

Fees: \$570.61

★CECN340 The Economics of Human Behaviour

This lower level liberal studies course investigates human behaviour from an economic perspective. Among the topics we analyze is the economics of religious behaviour and the afterlife, sexual behaviour, marriage and divorce, crime, mass hysteria and panics, suicide and dying, emotions, and the economics of sports.

39.0 Hours

Fees: \$570.61

☆ CECN503 Economic Development

Antirequisite: ECN 726

This upper level liberal studies course describes the challenges faced by developing economies with an emphasis on persistent world poverty. We analyze questions such as extreme poverty, living under a dollar per day and the burden of disease. We also study the role of markets, government and non-governmental organizations in fostering economic development.

39.0 Hours

Fees: \$570.61

★ CECN504 Intermediate Microeconomics I

Prerequisites: (CECN 101 or CECN 104 or Direct Entry) and (CECN 201 or CECN 204 or Direct Entry) and (CECN 189 or QMS 130 or CGMS 702 or CMTH 131 or MTH 141 or CMTH 207 or CMTH 310)

A more detailed study of price theory, this course looks at the production decisions of firms and the consumption decisions of households. It gives an introduction to risk and uncertainty. It examines how the decisions of all the independent economic agents are co-ordinated by the price-system in purely competitive markets. The course also gives a variety of applications of micro-economic theory.

On-campus exam requirement: Beginning Fall 2022 your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class.Details on the date of your exam can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$570.61

★ CECN506 Money and Banking

Prerequisites: CECN 301 or CECN 504 Antirequisite: CECN 509

The role of money in the economic system is emphasized along with current monetary theories. Also examined are the purpose, structure and regulations of the chartered banks and other financial institutions. By monitoring developments in the money market, especially changes in key interest rates, students may assess monetary initiatives of the Bank of Canada.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

★ CECN511 Economy and Environment

Antirequisite: CECN 510

This upper level liberal studies course looks at the relationship between the economy and the environment. It discusses how economics can help identify key issues in environmental problems. Economic concepts are used to shed light on solutions to the problem of pollution, the management of common property, and the possibility of “sustainable development.”

39.0 Hours

Fees: \$570.61

★ CECN512 The Economics of Sex

This upper level liberal studies course offers a critical analysis of topics in gender economics and the choices made in modern day relationships of love and sex. It offers an exploration into traditional gender economic issues such as gender differences and educational attainment, occupational choice, labour market participation and income. The course also applies economics to the choices made with respect to love and sex such as who we chose to love, date, and marry.

39.0 Hours

Fees: \$570.61

★ CECN600 Intermediate Macroeconomics II

Prerequisite: CECN 301

The aim of this course is to provide a comprehensive study of dynamic macroeconomic models. Topics include the stylized facts of business cycles, the two-period model, credit market frictions and social security, money and business cycles, and international macroeconomics. The effect of economic shocks and fiscal and monetary policy changes will be examined in the context of both closed and open economies.

On-campus exam requirement: Beginning Fall 2022 your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class.Details on the date of your exam can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$570.61

★ CECN603 Economic Issues in Globalization

Prerequisite: ECN 101 or CECN 104 or ECN 201 or CECN 204 or CECN 210 or Direct Entry;; Antirequisite: CECN 707

This upper level liberal studies course provides an analysis of the benefits of international trade. The course examines the effects of tariffs and quotas on industry and provides an appraisal of the arguments for protectionism. Other topics covered are international trade agreements such as NAFTA and CETA.

39.0 Hours

Fees: \$570.61

★ CECN606 International Monetary Economics

Prerequisite: CECN 301; Antirequisite: CECN 607

International monetary economics is devoted to the study of large-scale economic problems in interdependent economies. The focus is on key economic variables such as exchange rates, prices, interest rates, income, wealth, and the current account. Core topics include foreign exchange markets, exchange rates in the short run and the long run, the national and international accounts, the open economy IS-LM model, fixed and floating exchange rate regimes, gains from financial globalization, exchange rate crises and the operation of pegs, and the euro.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

52.0 Hours

Fees: \$570.61

★ CECN627 Econometrics I

Prerequisites: (CECN 230 or CMTH 231 or MTH 240 or CMTH 310) and (CECN 329 or CGMS 442 or CMTH 404 or MTH 410 or CMTH 480)

This course is an introduction to econometrics. The main topics of the course are the linear regression model, its estimation and inference. Other topics include heteroscedasticity, endogeneity, and instrumental variable estimation.

On-campus exam requirement:Your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$570.61

★ CECN700 Intermediate Microeconomics II

Prerequisite: CECN 504

The purpose of the course is to examine production functions, cost minimization and profit maximization decisions of firms under different types of market structures. Price theory to the market structures of monopoly, oligopoly, and monopolistic competition will be extended. Markets for factors of production will be examined as well. This course will give an introduction to game theory as well.

On-campus exam requirement: Beginning Fall 2022 your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$570.61

★ CECN707 Economics of International Trade I

Prerequisite: CECN 504;; Antirequisite: CGMS 601 (formerly IBS 601)

The purpose of this course is to introduce the student to the theory and practice of international economics. The factor proportions theory of trade is explained, and the evidence supporting it examined. Major emphasis is placed on the “new international economics” and its implications for Canadian trade policy. The issues surrounding free trade with the United States are examined, as well as the perceived need for interventionist industrial policies.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

52.0 Hours

Fees: \$570.61

★CECN722 Economic Issues in Professional Sports

Antirequisite: ECN 729

This upper level liberal studies course examines the economics of professional and collegiate athletics. It begins by reviewing the demand, supply and elasticity and continues by studying the market structures, labour demand and supply. Topics to be covered include the benefits of sports franchises and stadiums, strikes, lockouts, salary discrimination, unions, broadcasting rights, free agency, “scalping”, salary caps, drafts and the paying of collegiate athletes.

39.0 Hours

Fees: \$570.61

☆ CECN801 Principles of Engineering Economics

Available only to Bachelor of Engineering students.; Chang School Certificate Students should contact ce@torontomu.ca for details on how to enrol.

Engineering economics is concerned with the problem of investment decision making or capital expenditure analysis. An “investment” problem involves making a decision to allocate financial resources to acquire productive assets that will generate cash flows in future time periods. Engineering economics seeks to develop and apply a logically consistent methodology for evaluating investment projects. Discounted cash flow methods are used in analyzing such projects. In this course we will assume certain cash flows and ignore taxation implications. After developing the mathematics of cash flow equivalence, absolute and relative measures of project worth will be developed and applied to individual and multiple projects. The emphasis will be on private project decisions, but similar methods will be applied to public sector projects.

42.0 Hours

Fees: \$570.61

Energy Management

★ CEN500 New Venture Startup

Antirequisites: ENT 726, ENT 570 and ENT 56A/B Not available to Business Management Entrepreneurship students

This introductory course is designed primarily for non-Entrepreneurship students who are interested in starting a business of their own. Topics include assessing entrepreneurial potential, opportunity identification, market assessment, organizing, promoting, and financing the business, intellectual property, buying an existing business or considering a franchise. Students will be expected to work on developing a business plan. This course is not available to Entrepreneurship Majors.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

☆ CEN501 Family Business in Canada

Planning, Succession and Control. The students study many of Canada’s internationally known family-run businesses. They will learn about the challenges faced by the owners in planning and succession as well as the impact that family structure plays in determining the future of the firm. Key issues to be examined include the relationship between ownership and management, the strategic planning process, succession planning, technical and management skills, support structures, funding, leadership and the family structure.

39.0 Hours

Fees: \$580.52

★ CEN505 Small-Business Management

Prerequisite: BSM 200; Antirequisite: ENT 555; Not available to Ted Rogers School of Management students.

This course takes an interdisciplinary perspective on the challenges of managing in a small-business environment. It is designed for students who plan to join a small or medium-sized enterprise company and want to have an improved understanding of the process by which things get done in small businesses that lack the resources and capabilities of large corporations. Topics include elements of managing high growth rates, family business, outsourcing, internships and leveraging external partnerships, guerrilla marketing techniques, cash flow management, bootstrap financing, government programs, and corporate governance in a small business. This course is not available to programs within the Ted Rogers School of Management.

Students who do not have the prerequisite and require academic advising should contact Melissa Johnson, Program Coordinator, at m1johnso@torontomu.ca.

39.0 Hours

Fees: \$580.52

★ CEN526 Entrepreneurial Behaviour and Strategy

This foundation course is designed to stimulate the student’s interest in entrepreneurship, thereby cultivating the entrepreneurial spirit. By means of case studies, articles, videos and presentations, students will have the opportunity to learn about many prominent entrepreneurs who have demonstrated commitment, passion, risk-taking, strategic thinking and implementation, and the ability to develop core competencies as they create and grow their successful enterprises. Various topics in entrepreneurship will be introduced as a result.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

★ CEN601 Identifying Opportunities

Corequisite: CEN 526

This course examines the process of opportunity identification for both start-up and existing business environments. It is designed to cultivate the mindset and skills required for students to engage in opportunity identification activities and make them part of their daily regimen in their personal and professional lives. The entrepreneurial process begins with the pursuit of a perceived opportunity. As such, the ability to identify a valid opportunity is paramount to the field of entrepreneurship.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

Entrepreneurship and Strategy

☆ CBUS800 Strategic Management

Prerequisite: AFF 310 or CFIN 401; Antirequisite: CRMG 500; Available only to Business Management and Accounting and Finance students

Strategic Management is a challenging and exciting course. It serves the function of a capstone course, integrating much of the knowledge gained in other business courses. It is a truly different kind of course. Other courses are concerned with a narrower, more specialized body of knowledge, and as a result are highly structured. Some provide quantitative techniques while others relate to specific skills. The problems and issues of strategy management cover the whole spectrum of business. Weighing the pros and cons of strategy requires a total enterprise perspective and a talent for judging how all of the relevant facts add up. To keep the discussions down to earth, each week real companies will be examined. In addition, the course uses some experiential exercises which may include a simulation. This course is by far the most demanding course in the Business Management Degree and as such it is recommended that students have 10 or fewer courses left to graduate before enrolling in this course. (formerly BUS 700)

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

This section is reserved for Continuing Education students. Undergraduate students should enrol in an Undergraduate section of this course through the Course Intentions process or during open enrolment on RAMSS.

Department Consent Required: Please contact ce@torontomu.ca for consent to enrol in this course. Include your student number and full name in the email.

39.0 Hours

Fees: \$869.27

☆ CENT401 Design Thinking Experience

This course is a hands-on experiential learning opportunity for multi-disciplinary teams to implement agile rapid prototyping design thinking methods in a creative space. Student teams implement real-world projects in a variety of entrepreneurial contexts: new venture creation, innovation within an existing venture, social innovation and change making. The course provides a solid theoretical understanding of the major global Design Thinking methods and tools as well as experience in developing a Design Thinking Mindset.

Interested in taking the Winter 2023 offering of this course? Complete our CENT 401 - Express Interest form.

Successful candidates will work alongside coaches and up to 25 Indigenous high school students from across the Greater Toronto Area. Students will have the opportunity to work in multidisciplinary teams to help solve one of the most pressing issues in Canadian academia: the gap in university attainment rates between Indigenous and non-Indigenous people in Canada.

In-class sessions will be held primarily at TMU's Science Discovery Zone (SDZ) from 10:00 a.m. to 4:00 p.m. EST on both Saturdays and Sundays during four weekends in the Winter 2023 term.

39.0 Hours

Fees: \$580.52

Finance

★ CFIN300 Managerial Finance I

Prerequisite: CACC 100 or CACC 110 or AFA 100 or Direct Entry; Antirequisites: AFF 210, CECN 320, HTA 602

Students are introduced to the major concepts in finance and investments which are the time value of money, discounted cash flows, and risk and return. Students are given a thorough introduction to the mathematics of asset valuation. In addition, students learn how individual investors assess and reduce the risk associated with their investment decisions. The course examines how firms make investment decisions. The investment decision allocates scarce resources to projects in the firm, and involves financial forecasting, asset valuation, capital budgeting, risk management, working capital management and performance assessment.

This course is online and asynchronous except for its midtermand final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your mid termand final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$580.52

★ CFIN401 Managerial Finance II

Prerequisite: CFIN 300 or AFF 210 or CECN 320 or HTA 602; Antirequisite: AFF 310

This course builds on the material in Finance 300. Students learn how firms assess risk when making investment decisions. Students also examine how firms decide to finance projects they assess as being worthwhile. This decision involves capital structure, dividend policy, financial instruments, risk-return trade-offs, financial planning and the cost of capital. In addition, students are introduced to derivatives, and their uses in investments, risk-management, and capital structure. Firm management in an international context is integrated into the topics covered in the course.

This course is online and asynchronous except for its midtermand final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your mid termand final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$580.52

★ CFIN501 Investment Analysis

Prerequisite: CFIN 401 or AFF 310; Antirequisite: AFF 501

This course is designed to give students an overview of both security analysis and portfolio management. The course covers the valuation of common stock, Treasury bills and bonds, the trade-off between risk and return, the efficient market hypothesis, modern portfolio theory, equilibrium pricing relationships, and the evaluation of portfolio performance. Playing an investment challenge game is a requirement of the course.

This course is online and asynchronous except for its mid termand final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your mid termand final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$580.52

★ CFIN502 Personal Financial Planning

Prerequisite: CFIN 300 or HTA 602 or AFF 210; Antirequisite: AFF 502

This course introduces a framework of basic principles and the financial planning techniques used in professional practice. Topics include setting goals and budgeting, family life cycle, taxation, insurance, managing credit and debt, home ownership and investment principles and types.

This course is online and asynchronous except for its midtermand final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022, your midtermand final exam will be written in person at the Toronto Metropolitan University

campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$580.52

★ CFIN512 Risk Management and Insurance

Prerequisite: CFIN 300 or AFF 210 or HTA 602

This course looks at risk exposures and how these risks are addressed. Risk management is a life-long process that involves five steps: identification, evaluation, control, financing and monitoring. Risks can be managed with control techniques or can be financed using insurance. The course covers different types of insurance, both life, health and disability, and property, home and automobile insurance. Included are methods to calculate insurance needs.

Online Delivery

This course is offered in an online, asynchronous format except for its final exam and midterm, which are held on campus.

Asynchronous learning means that you typically will not have to be online at specific times. You will engage with the course material through online tools such as announcements, discussions, and email. Learning will be based on weekly module content and activities you can work through independently.

Note: You will have deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

You will be required to write an in-person examination as part of the assessment for your course. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved external invigilation service. Details on how to arrange invigilation will be provided prior to the first day of class.

Classroom Delivery

This course offers on-campus section(s) for the 2022/23 academic year. On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit COVID-19 Updates for Chang School Students for the most up-to-date guidance on attending on-campus classes.

39.0 Hours

Fees: \$580.52

☆ CFIN562 Personal Finance

Antirequisite: CFIN 502

This course teaches personal financial planning to students who may not have a strong math ability and/or interest so they will be better able to manage and plan their own finances and provide informed support to middle and lower-income clients. Topics include: steps in the financial planning process, budgeting, formulating financial goals, using tax rules to your advantage, debt and credit management, home-buying, insurance, investing fundamentals, planning for retirement and basic issues in estate planning.

39.0 Hours

Fees: \$580.52

★ CFIN612 Retirement and Estate Planning

Corequisite: CFIN 502 or AFF 502; Antirequisite: AFF 612; ;

This course covers the issues that affect financial needs at retirement-inflation and taxation. Various vehicles for savings for retirement are examined including both private and employer-sponsored. The course also examines ways to withdraw savings at retirement. Estate planning looks at ways to ensure that assets are distributed both in accordance with one's wishes and for the maximum benefit of one's heirs.

This course is online and asynchronous except for its midtermand final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Winter 2023, your midtermand final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$580.52

★ CFIN621 International Finance

Prerequisite: CFIN 401; Antirequisite: AFF 624

This course will extend the corporate finance material of FIN 401 and the investment-related topics of FIN 501 to the international setting. The overriding theme will be the exposure of multinational corporations and investors to the risk of varying exchange rates. Topics include: international financial markets (i.e., euro currency, bond and equity markets), various parity relationships, forecasting exchange rates, managing exposure to changing exchange rates, multinational capital budgeting and multi-national cost of capital. (Formerly IBS 621)

39.0 Hours

Fees: \$580.52

Global Management Studies

★ CGMS200 Introduction to Global Management

This course introduces the concepts and complexities of the contemporary business environment with an emphasis on competitiveness, quality, and the main functional areas of management: Planning, Organizing, Controlling, and Leadership. The course recognizes the global context within which managerial decisions are made. Topics include: origins of management, forms of business ownership, entrepreneurship and intrapreneurship, organizational structure, strategy, operations management, international business, social and ethical issues. Instruction will be provided for effective presentations and library research skills. A globally oriented management simulation may be used. (Formerly MGT 200)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$635.83

★ CGMS401 Operations Management

Prerequisites: (CGMS 200 or MGT 200 or MGT 121) and (CGMS 102 or QMS 110 or QMS 130 or QMS 204 or CITM 107)

Production and operations management are activities that relate to the creation of goods and services through the transformation of inputs into outputs. Topics include: What is production and operations management; productivity, competitiveness and strategy; quality management; product and service design; process selection; design of work systems; learning curves; inventory management: MRP, JIT; maintenance and reliability; project management: P.E.R.T. and C.P.M. (Student groups are required to visit a manufacturing or service facility, produce a report, and do a formal presentation to the class covering the course topics investigated during the tour.) (Formerly MGT 401)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

★ CGMS402 Introduction to Managerial Economics

Prerequisites: [(CGMS 200 or MGT 200 or MGT 121) and (CGMS 202 or GMS 210 or QMS 230)] or Direct Entry

A primary emphasis of managerial economics is the application of economic theory and methodology to the practice of business management and decision making. Students will learn how economic tools can be applied to achieve business goals and to address managerial challenges. Topics include: optimization, risk analysis, demand theory and estimation, production and cost theory, market structure and pricing practices. (Formerly MGT 402)

39.0 Hours

Fees: \$580.52

★ CGMS422 Quality Management

Prerequisites: (CGMS 202 or GMS 210 or QMS 230) or Direct Entry

Quality has become a critical component of many successful businesses. The quest for quality has led to the emergence of a set of analytic tools that help identify, study and improve business processes. The course examines the development of these management tools and the role that they play in continuous improvement activities. In particular, the student will become familiar with problem solving strategies that begin with a structured qualitative analysis of business situations, incorporate quantitative management methods and lead to well-reasoned decisions. Appropriate software support will be used. (Formerly QMS 402).

39.0 Hours

Fees: \$580.52

★ CGMS450 Project Management

Prerequisite: CGMS 401 or MGT 401 or CGMS 200 or MGT 100 or Direct Entry

This course focuses on how projects contribute to the strategic goals of the organization. The linkages for integration include the process of selecting projects that best support organizational strategy and all the technical and managerial processes to complete those projects. The goals for prospective project managers are to clearly understand the role of the project in their organizations and to master project management tools/techniques and interpersonal skills necessary to orchestrate projects to completion. (Formerly MGT 806)

39.0 Hours

Fees: \$580.52

★ CGMS522 International Marketing

Prerequisite: CMKT 100 or HTM 302 or Direct Entry

Basic marketing principles are applied to world markets. Emphasis in the course is given to the analysis of economic, political, cultural and social factors. This course also covers conditions relevant to the implementation of marketing strategies in world markets. (Formerly IBS 522 and MKT 522)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

★ CGMS528 Issues in Operations Management

Prerequisite: CGMS 401 or MGT 401 or Direct Entry

This course will provide an evolving survey of leading-edge topics in operations management. Current topics include: world class manufacturing, manufacturing as a competitive weapon, competing on quality, competing on productivity, competing on new products and processes, planning and implementing operations strategies over time, health and safety as a competitive advantage. Student groups will be required to prepare case studies and a major paper. (Formerly MGT 528)

39.0 Hours

Fees: \$580.52

★ CGMS690 The North American Business Environment

Prerequisite: CGMS 200 or MGT 200 or Direct Entry

This course provides an overview of the North American business environment. It examines the cultural, political and economic environments in Canada, the US and Mexico. Trade and economic integration issues are discussed including an assessment of the North American Free Trade Agreement (NAFTA) and the potential impact on these three countries of the proposed Free Trade Area of the Americas (FTAA). The course will also introduce students to the key institutions that impact trade and business activities in North America and will examine the strategies used by foreign multinational corporations in penetrating North American markets. Current and controversial issues such as trade in bulk water and a continental energy plan will also be covered. The long run international competitive position of North American firms is also examined in this course. GMS 690 is designed to provide a suitable comparative framework for understanding other regional markets and will be particularly useful for international and exchange students.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$635.83

★ CGMS691 The Asian Business Environment

Prerequisite: CGMS 200 or MGT 200 or Direct Entry

This course examines cultural, demographic, political and economic issues that shape the Asian business environment. The region as a whole is profiled but particular attention is paid to China and India as emerging super powers. The importance of foreign direct investment to the development of this region is underscored as well as the emergence of Asian multinationals and their approach to outward direct investment. The challenges encountered by Western firms in penetrating Asian markets are discussed in detail. Consideration is given to the role of government in business transactions in this part of the world and the need for innovative strategies when dealing with Asian business partners. Special topics will include globalization versus sustainable development and the role of Asian countries in global outsourcing.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$635.83

★ CGMS692 The European Business Environment

Prerequisite: CGMS 200 or MGT 200 or Direct Entry

This course focuses on European economic integration and the implications for business. The nature of the European business environment is examined including a discussion of the economic and political institutions, culture and demographic trends. Market size, growth, trade and investment prospects for the Euro zone countries and the UK are examined. The foreign market entry strategies of multinational corporations active in this region will also be discussed. The course will also consider the prospects for Eastern Europe and the challenges these countries face in implementing free enterprise market reforms. Implications for EU enlargement are discussed.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$635.83

★ CGMS723 International Trade

Prerequisite: CGMS 401 or MGT 401 or HTF 506 or Direct Entry

An analysis of the important business function of international trade. After a review of the importance of exports for Canada's income and employment needs, students focus attention from an export manager's perspective, on such topics as export organization, research, and pricing, export documentation and correspondence; export marketing strategies; government and private export assistance; export finance; marine insurance and export shipping. This course also includes an examination of international databases and involves direct company field research. Students who have taken MKT 522 or IBS 522 should have a stronger foundation for applying this course. This course is intended as a fourth year course. (Formerly IBS 723 and MGT 723)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$580.52

★ CGMS724 Management of International Enterprise

Prerequisite: CGMS 401 or MGT 401 or HTF 506 or Direct Entry

An analysis of the management policies of the multinational business corporation in Canada and the world. Topics covered: the evolution of the multinational corporation, its organization, structure, planning and goals. Also covered are business strategies including marketing, production, logistics, technology, personnel and labour relations, finance, investment and acquisition, and ownership, concerns of host countries including Canada, and policies for host governments. Lectures, discussion, and case problems. (Formerly IBS 724 and MGT 724)

39.0 Hours Fees: \$580.52

★ CGMS802 Ethics and Regulation of Int'l Bus

Prerequisite: CGMS 401 or MGT 401 or MGT 100/CGMS 200 or Direct Entry

This course examines the vital role that ethics plays at all leadership levels within a company. Students will discover the importance of instilling ethical values as a key to long term success. Exposure to thought-provoking cases and literature will heighten student awareness of the need to develop strong ethical leadership in dealing with customers, the community, and employees. Students will also be exposed to the critical role of governments in regulating international business behaviour. (Formerly MGT 802)

39.0 Hours Fees: \$580.52

Human Resources

★ CMHR405 Organizational Behaviour

This course introduces students to theories of organizational behaviour. Topics include motivation, communication, team dynamics, conflict, perception, attitudes, personality, power, influence and leadership.

This course is online and primarily asynchronous, except for required one-hour weekly live online sessions and in-person midterm and final exams. In addition to the live sessions, you will engage in course-related activities through online tools such as announcements, discussions, and email to complement your independent learning.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Further details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your midterm and final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from TMU, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details about your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours Fees: \$628.28

★ CMHR522 Union Management Relations

This course examines theories of industrial relations, union organization and structure, labour legislation in Canada, negotiating and administering the collective agreement among other topics. The aim is to introduce the student to the complexities of the labour management relationship and to explore various techniques for successfully managing this critical area of business. (Formerly called Industrial Relations)

39.0 Hours Fees: \$580.52

★ CMHR523 Human Resources Management

Antirequisite: CRI 700 and CHSM 437

This course introduces students to the dynamic and diverse field of Human Resources Management and provides a foundation in theory and practice for areas such as human resources planning, recruitment, and selection of staff, training and development, and compensation. Current events, human resources strategy, relevant legislation, and future trends are also explored. The course provides students with the fundamentals necessary to effectively administer the human resources function of an organization, and also develops their abilities to perform effectively in teams. (Formerly MGT 523 and MHR 728.)

This course is online and primarily asynchronous, except for required one-hour weekly live online sessions and in-person midterm and final exams. In addition to the live sessions, you will engage in course-related activities through online tools such as announcements, discussions, and email to complement your independent learning.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Further details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your midterm and final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from TMU, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details about your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours Fees: \$580.52

★ CMHR600 Diversity and Inclusion in the Workplace

Prerequisite: CMHR 523 or HTH 503 or Direct Entry

The Canadian workforce has become more diverse in recent decades and is projected to be more so in the coming years. For example, women now account for almost half of the Canadian labour force. The aging of the Canadian population and the abolition of mandatory retirement means that a number of generations will be working side by side with each other. With globalization and the greater mobility of workers around the world, racial/ethnic minorities will soon account for one in three working Canadians in the not-too-distant future. A number of organizations have already realized the importance of all Canadians irrespective of gender, age, race/ethnicity, sexual orientation, religion and other dimensions of diversity in order to remain competitive on the global stage. This course will explore the opportunities and challenges of working in and managing diverse and inclusive workplaces.

39.0 Hours Fees: \$580.52

★ CMHR623 Recruitment and Selection

Prerequisite: CMHR 523 or HTH 503 or Direct Entry

This course builds on the knowledge gained in MHR 523. It is designed to develop the student's knowledge, skills, and abilities in three significant integrated Human Resource areas: job analysis, recruitment, and selection. Students will conduct a job analysis, investigate recruitment strategies and develop a job advertisement; examine various selection tools; and practice interviewing simulated job applicants. The course uses an experiential learning design, and students have opportunities to practice skills that are central to effective hiring decisions.

39.0 Hours Fees: \$580.52

★ CMHR640 Leadership

Prerequisite: CMHR 405 or HTH 601

This course provides an in-depth examination of leadership as both a practice and a field of study. By applying current research on leadership and followership to cases, movies, and real-life examples, students will develop a greater understanding of how to lead and be led.

39.0 Hours Fees: \$649.39

★ CMHR650 Management of Change

Prerequisite: CMHR 405 or HTH 601

This course will build on an understanding of organizational behaviour, and will focus on an understanding of change agents within organizations. By applying basic organizational behaviour and organizational theory concepts to change management, the course will explore forces for change, resistance to change, management of change, new theories and methods of change, and innovation and leadership in organizations. The course involves combining change theory with practice through an innovative online simulation.

39.0 Hours Fees: \$580.52

★ CMHR700

Cross-Cultural Dimensions of Organizational Behaviour

Prerequisite: CMHR 405 or HTH 601

This course addresses the opportunities and dilemmas that managers face when working in multicultural and global environments. The course is designed to increase managers' effectiveness in identifying, understanding, and managing the cultural components of management, recognizing cultural differences in managerial style, communicating across cultures, creating cultural synergy, managing globally competent people, entry/re-entry, managing ethically across cultures, and understanding, managing, and valuing diversity. Teaching methods include lectures, experiential exercises, group discussions, and audio/video presentations and cases.

39.0 Hours

Fees: \$580.52

★ CMHR711 Occupational Health and Safety

Prerequisite: CMHR 523 or HTH 503 or Direct Entry; Not available to students in Occupational and Public Health.

This course is designed to provide students with an introduction to the growing and changing field of Occupational Health and Safety Management. The multiple dimensions of the subject - technical, legislative, political, personal, and moral - will be covered. Topics will include: legislation, accident prevention, sickness, lateness and absenteeism, establishing corporate physical and mental health policies, practices and programs, monitoring of the workplace environment, and establishing industrial hygiene standards and corporate health and safety policies.

This course is online and primarily asynchronous, except for required one-hour weekly live online sessions and in-person midterm and final exams. In addition to the live sessions, you will engage in course-related activities through online tools such as announcements, discussions, and email to complement your independent learning.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Further details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Your midterm and final exam will be written in person at the Toronto Metropolitan University (TMU) campus. If you live more than 100 km from TMU, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details about your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$580.52

★ CMHR721 Negotiation and Conflict Resolution

The primary objective of this course will be to explore the major concepts and theories of the psychology of negotiation and conflict resolution. A second objective is to enable students to apply these concepts and theories, through role-plays, class discussion and self-assessment, to analyze and adjust their negotiation and conflict styles to achieve better outcomes for themselves and others.

39.0 Hours

Fees: \$649.39

★ CMHR733 Training and Development

Prerequisite: CMHR 523 or HTH 503 or Direct Entry

This course explains how the training and development function furthers an organization's strategy and its performance management process. It helps students understand and apply relevant theories to the design, delivery and evaluation of training programs. Related topics include; assessing training needs, setting learning outcomes and training objectives, designing, delivering and evaluating training programs.

39.0 Hours

Fees: \$580.52

★ CMHR741 Managing Interpersonal Dynamics and Teams

Prerequisite: CMHR 405 or HTH 601

The development of interpersonal skills is a lifelong process which involves understanding oneself and other people. A manager's success is highly dependent upon his or her self-awareness, ability to interact effectively and ability to manage teams. The course combines conceptual and experiential learning and strongly emphasizes skill practice and feedback. It moves from a focus on the management of self to a focus on the management of others, individually and in teams. Topics include: increasing self-awareness, supportive communication, understanding others, using power and influence successfully, dealing with conflict, and managing group dynamics. This course is intended for students who already possess a conceptual foundation in organizational behaviour, who are seeking to learn more about themselves, and who want to enhance their interpersonal skills. (formerly MGT 741)

39.0 Hours

Fees: \$649.39

★ CMHR749 Compensation Management

Prerequisite: CMHR 523 or HTH 503 or Direct Entry

This course provides students with an understanding of the principles, processes, issues and techniques involved in establishing compensation and reward programs in organizations within a framework of fairness and equity. Compensation will be looked at from the perspective of base pay, benefits and incentive pay. As well, students will be introduced to the relationship between motivation theories and effective remuneration and reward programs. The course will focus on the major components in developing an effective compensation and rewards program such as legislation, principles of equity and fairness, job analysis, job evaluation, compensation surveys, benefits and incentives. Current events in relation to compensation and rewards will be explored.

39.0 Hours

Fees: \$580.52

★ CMHR841 Organization Theory and Design

Prerequisite: CMHR 405 or HTH 601

At some stage along one's career path the entrepreneur or manager will have to confront issues such as the changing global environment, mergers and acquisitions, technological advances and innovations, organizational politics, and conflict resolution. Organizations must change to accommodate these new internal and external contingencies. This course aims to provide students with an in-depth understanding of organizational structure and design in relationship to these issues. Topics include: organization environment, organic and mechanistic structures, the open system concept, impact of technology, global organization structures and contemporary approaches, management of innovation and change, organizational culture and ethical values, and organizational politics. (formerly MGT 841).

39.0 Hours

Fees: \$649.39

★ CMHR849 Human Resources Planning

Prerequisites: CMHR 523 and three of (CMHR 405, CMHR 522, CMHR 600, CMHR 623, CMHR 711, CMHR 733, CMHR 749)

This course addresses the strategic human resource management activity of planning for future human resource requirements. The importance of aligning human resources planning with corporate and business strategies is emphasized, as well as preliminary needs for human resources information systems, job analysis, and environmental scanning. The course is centered around analysis and forecasting of the organization's future demand for human resources, and future supply of human resources. Related topics include: succession planning, career management, outsourcing, downsizing, and mergers and acquisitions.

39.0 Hours

Fees: \$580.52

Industrial Engineering

★ CIND110 Data Organization for Data Analysts

This course provides a foundation in data management for data analysts. Topics include database architectures, formation of queries, queries themselves, data warehousing, relational database systems, NoSQL, and responsibilities of data management professionals.

Students are recommended to check the important dates for the Chang School current term before enrolling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

Classroom Delivery

This course offers on-campus section(s) for the 2022/23 academic year. On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit COVID-19 Updates for Chang School Students for the most up-to-date guidance on attending on-campus classes.

42.0 Hours

Fees: \$1028.53

★ CIND119 Introduction to Big Data

This course is designed to give students an overview of big data, state of the practice in analytics, the role of the data scientist, big data analytics in industry verticals, and analytics life-cycle as an end-to-end process. It focuses on key roles for a successful analytic project, main phases of the life-cycle, developing core deliverables for stakeholders, team work skills, and problem solving skills.

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Classroom Delivery

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42.0 Hours

Fees: \$1028.53

★ CIND123 Data Analytics: Basic Methods

This course is an introduction to R, analyzing and exploring data with R, and using R with a database. It focuses on statistics for model building and evaluation. Topics cover experimental research, correlation analysis, regression, confidence intervals, and group comparisons, and parametric and non-parametric models.

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42.0 Hours

Fees: \$1028.53

★ CIND719 Big Data Analytics Tools

Department Consent Required. Please submit the Request Department Consent form, or contact Ceni Babaoglu, Assistant Program Director, Data Science at cenibabaoglu@torontomu.ca for more information.; ; Department consent may be provided if the student has specific professional experience.

This course is an introduction to learning big data tools with a focus on the Hadoop Ecosystem. Students will gain a clear understanding of Hadoop concepts, technology landscapes, and market trends. They will learn how to construct queries of moderate to high complexity using Pig/Hive to work with big data. Students will get hands-on experience working with interesting real-world datasets as geo-tagged social media posts, check-in datasets, and business tracking platform review data. Various use cases will be utilized such that students can apply what they learned in their daily work.

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Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

Students who wish to take CIND 719 and CIND 840 Practical Approaches in Machine Learning concurrently, as part of the Practical Data Science and Machine Learning Certificate should contact Ceni Babaoglu, Assistant Program Director, Data Science at cenibabaoglu@torontomu.ca.

42.0 Hours

Fees: \$1028.53

NEW!

★ CIND820 Big Data Analytics Project

Prerequisite: IND405 or CMTH642

This course is intended to engage students in hands-on applications of big data analytics methods and techniques in a project setting. Working with a faculty supervisor, students will apply big data analytics in respect to their real-world area of interest by using open source data.

Students are recommended to check the important dates for the Chang School current term before enrolling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

Students registered in this course are permitted to enrol in the first two courses (CIND 719 Big Data Analytics Tools and/or CIND 840 Practical Approaches in Machine Learning) of the Practical Data Science and Machine Learning Certificate, which builds on the accumulated quantitative knowledge accomplished in the Data Analytics, Big Data, and Predictive Analytics Certificate. To obtain a permission waiver, please email ce@torontomu.ca.

42.0 Hours

Fees: \$1028.53

NEW!

★ CIND830 Python Programming for Data Science

This course is an introduction to Python, analysing and exploring data and doing machine learning with Python. Topics cover basics in Python programming language as well as visualization and exploratory data analysis in Python. Python libraries such as NumPy, Pandas, Matplotlib and Seaborn which are essential for data science will be introduced

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Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

Classroom Delivery

This course offers on-campus section(s) for the 2022/23 academic year. On-campus sections are identified in each section's detail summary as "Classroom" (and/or "Downtown" as the location). Visit COVID-19 Updates for Chang School Students for the most up-to-date guidance on attending on-campus classes.

42.0 Hours

Fees: \$1028.53

NEW!

★ CIND840 Practical Approaches in Machine Learning

Prerequisites: CMTH 642; Registered certificate program students who do not have the prerequisite and who wish to take this course should submit this form: Request Department Consent, or contact Ceni Babaoglu, Assistant Program Director, Data Science at cenibabaoglu@torontomu.ca for more information.; ; A prerequisite may be waived if the student has specific professional experience.; ;

This course covers the major ideas and principles underlying current practices of data mining. It starts with what machine learning is, where it can be used and different kinds of knowledge representations that are involved. Then, the course spans advanced techniques of data mining, at the lowest and most detailed levels. Finally, the course is wrapped up by covering techniques of "ensemble learning", which combine the output from different learning techniques. On each topic, examples in Python are provided as lab materials.

Students are recommended to check important dates for the Chang School current term before enrolling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

Students who wish to take CIND 840 and CIND 719 Big Data Analytics Tools concurrently, as part of the Practical Data Science and Machine Learning Certificate should contact Ceni Babaoglu, Assistant Program Director, Data Science at cenibabaoglu@torontomu.ca.

42.0 Hours

Fees: \$1028.53

NEW!

★ CIND850 Practical Deep Learning

Prerequisites: CIND 840

This course covers an introduction to deep learning, building foundations of neural networks and doing practical deep learning with AI Platform. Topics cover supervised and unsupervised machine learning as well as basics in neural networks, convolutional and recurrent neural networks. It focuses on building deep learning applications with AI Platform.

Students are recommended to check important dates for the Chang School current term before enrolling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

42.0 Hours

Fees: \$1028.53

NEW!

★ CIND860 Advanced Data Analytics Project

Prerequisite: CIND 850

This course will be based on a hands-on application of data mining and deep learning techniques in a project setting. The advanced capstone course is intended to bring advanced data analytics methods, techniques and approaches and apply them to a real-world area of interest. Working with a faculty supervisor, participants will apply what they have learned in the two courses and implement their analysis through Python and AI Platform.

Students are recommended to check important dates for the Chang School current term before enrolling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

42.0 Hours

Fees: \$1028.53

Law

★ CLAW122 Business Law

This is an introductory course, prerequisite to further studies in law. The course begins with a discussion of the nature and sources of law and an examination of the court system in Canada, the Charter of Rights and Freedoms, and a survey of the more important aspects of the law of torts. The course then concentrates on the legal requirements for the formation of a valid contract. Other major contract law topics include interpretation, privity, discharge, breach, and special types of contracts. Selected cases will be examined.

Online Section(s) of this course are asynchronous except for its final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement (for online sections): Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$580.52

★ CLAW326 Law for Health Managers

An overview of law relating to Canadian health care delivery, principally from an Ontario perspective. Topics include the constitutional framework, regulation of health professions, medical ethics, public health, coroners' inquests, litigation, capacity and informed consent, powers of attorney, substitute decisions including end of life, mental health, health information and privacy, employment rights, dispute resolution, and how to search for applicable statutes, regulations and case law. Formerly HSM 326.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

★ CLAW401 Information Access and Privacy Protection

Prerequisites: CLAW 122

This course aims to provide students with an introduction to key concepts of information access and protection of privacy and to provide practical skills on managing these two domains. It will highlight relevant principles and practices through an examination of applicable federal and provincial legislation with an Ontario emphasis.

The prerequisite may be waived for registered certificate program students who can demonstrate adequate professional experience or education related to business law that satisfies program requirements. Please contact the Academic Coordinator, Pnina Alon-Shenker, at pnina.alon@torontomu.ca for more information.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

★ CLAW402 Health Information Access and Privacy

Prerequisites: CLAW 122; ; The prerequisite may be waived for registered certificate program students who can demonstrate adequate professional experience or education related to business law that satisfies program requirements. Please contact the Academic Coordinator, Pnina Alon-Shenker, at pnina.alon@torontomu.ca for more information.

Laws governing health information privacy, access, and management have an impact on healthcare providers, public bodies with a role in the healthcare sector, employers, professional regulatory bodies, fundraisers, insurers, and researchers. This course is designed to assist these individuals develop a thorough understanding of the policies, practices, laws, and regulation that address confidentiality, privacy, and security of health information.

This course is designed for professionals primarily in the healthcare sector, who have special interest in privacy law. A student, who does not have a foundation in privacy basics OR an understanding of the operation of the health sector, should take CLAW401 prior to CLAW402

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

★ CLAW525 The Law of the Marketplace

Prerequisite: CLAW 122

An examination of the law concerning the marketplace in Canada. Common law precedents and federal and provincial statutes which govern business practices and define legal rights and remedies in the commercial environment are analyzed. Major topics include product liability, consumer warranties, misleading advertising, regulation of competition, hazardous products, packaging and labelling, consumer credit transactions, and privacy and freedom of information legislation. Relevant statutes and selected cases are examined.

39.0 Hours

Fees: \$580.52

★ CLAW529 Employment and Labour Law

Prerequisite: CLAW 122

This course is designed to acquaint the student with a general understanding of labour and employment law, particularly in Ontario. The role of common law and Ontario statutes affecting workers is examined. Legislation and case law concerning hiring employment contracts, employment standards, human rights, privacy, health and safety and wrongful dismissal is reviewed. The latter part of the course introduces the collective bargaining relationship with particular concentration on the Labour Relations Act. Relevant statutes and selected cases are examined.

The prerequisite may be waived for registered certificate program students who can demonstrate adequate professional experience or education related to business law that satisfies program requirements. Please contact the Academic Coordinator, Pnina Alon-Shenker, at pnina.alon@torontomu.ca for more information.

This course is online and asynchronous except for its final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement: Beginning Fall 2022 your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class.

39.0 Hours

Fees: \$580.52

★ CLAW601 Intellectual Property Law

Prerequisite: CLAW 122

This Course is for students seeking solid grounding in Intellectual Property law. IP rights (including patents, copyrights, trademarks, industrial designs, confidential information, geographical indicators, traditional knowledge and personality rights) have increasing significance in manufacturing and knowledge-based economies. 21st Century business environments require working knowledge of IP and the ability to interact with IP assets and internal/external IP professionals. Course reviews current Canadian IP law and provides practical advice/strategies for dealing with IP issues.

39.0 Hours

Fees: \$580.52

★ CLAW603 Advanced Business Law

Prerequisite: CLAW 122

This course begins with an examination of the law governing business relationships and forms of business organizations, including the legal requirements for the formation of the corporation and partnership. Special contractual relationships affecting business are studied followed by an examination of the law pertaining to secured transactions and bankruptcy procedures. The course also surveys the law of real property, including the leasehold interest and mortgages. Relevant statutes and selected cases are examined.

Online section(s) of this course are asynchronous except for its final exam, which is held in person (beginning Fall 2022). This means that you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can work through independently.

Note: There will be deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities using web conferencing tools such as Zoom and Google Meet. Details will be included in your course outline, which will be available on the first day of classes.

On-campus exam requirement (for online sections): Beginning Fall 2022, the final exam for this course will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class.

39.0 Hours

Fees: \$580.52

★ CLAW723 Issues in Information Technology Law

Prerequisite: CLAW 122

This course focuses on emerging legal problems associated with the growth of information technology in Canada and internationally. It focuses on the legal protection of electronic information and technology through patents, copyright, trademarks and trade secrets, and upon contractual issues (electronic signatures, problems of verification, contracts which must be in writing, and security of information) in the procurement of products and services, especially through the Internet and other e-commerce conduits. A range of other topics, such as data protection and privacy, the regulation of the Internet, the harmonization of law globally, computer crime, and remedies will be discussed. Students should be in their graduating year.

39.0 Hours

Fees: \$580.52

★ CLAW724 Legal Aspects of International Business

Prerequisite: CLAW 122

This course will acquaint the businessperson with the legal aspects of doing business in a global environment. It will include legal considerations relevant to entrepreneurs engaged in import or export and to companies seeking greater presence in foreign countries as well as legal principles applicable to multinational corporations. Topics covered will include: bilateral and multilateral trade agreements including the GATT, the EC and the Canada-U.S. Free Trade Agreement; legal aspects of the international sale of goods; legal aspects of financing international sales of goods; forms of business organization abroad; licensing and franchising; international protection of intellectual property; comparative anti-trust legislation; conflict of laws and international settlement of disputes. Students choosing LAW 724 should be in their graduating year. (Formerly IBS 800)

The prerequisite may be waived if the student has specific professional experience. Registered certificate program students without the course prerequisites who wish to take this course, may contact the Academic Coordinator, Pnina Alon-Shenker, at pnina.alon@torontomu.ca for more information.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

🔗 CZLW120 Law for Forensics Professionals

The legal environment in which computer security and digital forensics practitioners operate is complex and rapidly evolving. Criminal law, commercial law, privacy and human rights, intellectual property law, the rules of evidence, and rules of civil procedure are all involved. This course will introduce students to these and other laws and legal frameworks (Canadian and international) as they affect the work of security and forensics professionals. Particular emphasis will be placed on the legality of ethical hacking, collection and preservation of digital evidence, privacy, rights of the accused, and the role and responsibility of the expert witness in court. Students will be taught basic legal concepts, how to read and understand relevant statutes an case law, and how to prepare an expert report for lawyer/client, law enforcement, or the court.

39.0 Hours

Fees: \$1007.04

NEW!

CZLW200 Blockchain: Risk Management

This introductory course will examine legal, governance, risk, and compliance (GRC) issues surrounding blockchain, smart contracts and crypto currency technologies to provide a better understanding of their underlying foundations, formulate governance questions, and critically analyze these emerging technologies. Various distributed (shared ledger) crypto currencies, including Bitcoin, will be discussed as well as opportunities and limitations of blockchain and Ethereum. The regulation of blockchain in the US and Canada, including securities law, will also be reviewed.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$709.64

🔗 CZLW327 Privacy By Design

As ubiquitous computing and data analytics proliferate, privacy, trust, and innovation are becoming essential. This course will provide a deep-dive into Privacy by Design, an internationally recognized framework for proactively embedding privacy into the design of information technologies and business practices to gain a competitive advantage. The need to reject zero-sum (win/lose) models will be explained, in favour of adopting doubly-enabling (win/win) positive-sum paradigms.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$730.04

🔗 CZLW527 Applying Privacy and Access

*This is a capstone course and therefore can only be taken after students have successfully completed their first five courses in the Privacy, Access, and Information Management certificate (CLAW401, CZIT427, CZLW327, 2 Electives). Students must request department consent by emailing ce@torontomu.ca for permission to enroll in this course.; *This course is currently offered in the Winter semester only.*

This is the Privacy, Access, and Information Management certificate's culminating course in which students will apply the principles of privacy and access to a project focused on an emerging technology within a particular sector. Emphasis will be placed on topics previously covered in the required courses such as privacy by design, established professional privacy and access practices, the impact of technology, and the role of stakeholder engagement and organizational values.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$730.04

Management

🔗 CZMN200 Corporate Responsibility & Sustainability

This course explores how the three-pronged people-planet-profit sustainability model is applied to businesses operating in a number of different industry sectors. Students are introduced to definitional, conceptual, and theoretical aspects of corporate social responsibility (CSR), the challenges facing CSR-oriented firms in balancing the immediate financial sustainability with the need for long term economic, social, and environmental benefits for the communities and other stakeholders impacted by their operations, as well as possible methods for addressing people-planet-profit challenges.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

39.0 Hours

Fees: \$1037.19

Marketing

★ CMKT100 Principles of Marketing

Antirequisite: HTM 302

This course introduces students to the fundamental building blocks of marketing: the theories, principles and concepts of market behaviour; marketing metrics and financial marketing; and the skills to leverage this knowledge with IT tools to execute marketing strategies. Students begin to develop the quantitative and qualitative skills and knowledge to make effective and ethical decisions in both the consumer and business markets. Topics include financial marketing, the marketing mix, environmental scanning, segmenting, targeting and positioning. Students planning to enter the Marketing Management Major must obtain a 2.67 GPA (B-) in this course.

This course is online and asynchronous except for its final exam, which is held in person, on campus (beginning Winter 2023). You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$717.43

★ CMKT300 Marketing Metrics and Analysis

Prerequisite: CMKT 100 or HTM 302 or Direct Entry

This course provides students with state-of-the-art contemporary demand and supply marketing metrics and analytic tools, such as marketing research, share of mind, margins and profits, product, sales force, and channel management, advertising media and web metrics to integrate marketing performance with the firm's strategic thrusts and corporate finances. Students are introduced to the case method as a model for critically analyzing situations and developing evidence-based, ethical decision-making skills using marketing theory and marketing metrics.

This course is online and asynchronous except for its final exam, which is held in person, on campus (beginning Winter 2023). You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$580.52

★ CMKT400 Understanding Consumers and the New Media

Prerequisite: CMKT 300; Antirequisites: MKT 502, RMG 302

The online world is becoming more social and therefore more like the offline world. This shift has changed the nature of marketing from one-way mass communication to a conversation. This course uses social science theories to understand consumers and design effective marketing strategies with an emphasis on digital media applications. This theoretical course is fundamental to analyzing, interpreting, and understanding the personal, psychological, social, and economic aspects of the marketing environment.

This course is online and asynchronous except for its final exam, which is held in person, on campus (beginning Winter 2023). You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours Fees: \$580.52

★ CMKT500 Marketing Research

Prerequisite: CMKT 300; Antirequisites: RMG 700 and HRT 741

This course examines the role of marketing research in making strategic marketing decisions through the application and use of the scientific method and traditional quantitative and qualitative marketing research tools. Students hone their quantitative skills by developing a deeper understanding of the importance of large datasets, Web analytics and secondary analysis, and the role of financial and other marketing metric data in evidence-based and ethical decision-making. Group project work develops communication and teamwork skills.

This course is online and asynchronous except for its final exam, which is held in person, on campus (beginning Winter 2023). You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours Fees: \$580.52

★ CMKT504 Effective Persuasion

Prerequisite: CMKT 100 or HTM 302 or Direct Entry; Antirequisite: HTM 604

This course covers the fundamentals of the sales process and personal persuasion in the business world. Students work individually and in groups to discuss the theories and practice of effective techniques for selling themselves, their ideas and/or their products to prospective employers and/or customers. Students participate in discussions and role playing to develop an ethical understanding of customer interface, and high level communication and interpersonal skills, which are the cornerstones for successful selling.

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours Fees: \$580.52

★ CMKT510 Innovations in Marketing

Prerequisite: CMKT 400 or CRMG 302

This course focuses on understanding current issues, trends and challenges facing marketers from the perspective of marketing theory, marketing metrics, and IT tools and capabilities. Issues include brand equity, the social web, advertising and communication, business to business marketing, “green” marketing, marketing and public policy and product/service innovation. (Transfer credits will not be granted).

This course is online and asynchronous except for its final exam, which is held in person, on campus (beginning Winter 2023). You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours Fees: \$580.52

★ CMKT600 Integrated Case Analysis

Prerequisite: CMKT 400 or CRMG 302

This course provides an opportunity for students to integrate skills and knowledge already learned about marketing theory and principles, marketing metrics, and the strategic opportunities afforded by technology. Using comprehensive cases that reflect a variety of marketing issues, situations and challenges, students enhance their written and oral communication skills through case analysis and presentations conducted in teams. The course focuses on enhancing analytic, synthesis, integration and research skills to arrive at an evidence-based recommendation. (Transfer credits will not be granted).

On-campus exam requirement: Your final exam will be written in person at the Toronto Metropolitan University campus. If you live

more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours Fees: \$580.52

★ CMKT700 Business Intelligence/Decision Modeling

Prerequisite: CMKT 500

This quantitative course advances and enhances skill with marketing metrics through experience with relational databases, data preparation, data analysis, predictive modeling, and common software suites. Using case studies and spreadsheets, students gain insight into when and how to apply data modeling techniques, such as linear regression, logistic regression, decision trees, neural analysis and customer clustering, and their role in strategic decision-making and market plan development. (Transfer credits will not be granted).

39.0 Hours Fees: \$580.52

★ CMKT702 Advanced Marketing Management

Prerequisite: CMKT 500 and (CMKT 510 or CMKT 600)

This advanced course provides students with a deep understanding of the integration of all marketing functions, practices and theories in order to address strategic problems and challenges. Case studies, class discussions and small group projects with external clients allow students to apply their theoretical knowledge, and employ their IT and quantitative skills, while experiencing real business situations and the challenges of developing effective marketing strategies in a dynamic business environment. (Transfer credits will not be granted).

39.0 Hours Fees: \$580.52

★ CMKT723 Services Marketing

Prerequisite: CMKT 100 or HTM 302 or Direct Entry

This course focuses on the unique challenges faced by Canadian-based service industry companies, such as banks, restaurants, airlines, hotels and insurance. It explores marketing strategies utilized by these firms to improve customer retention, increase customer value and outperform competitors. Students work in groups to complete a marketing plan for a new or existing service, either B2B, B2C, government or not-for-profit by integrating and applying their knowledge of marketing functions and by employing both quantitative and qualitative analytical tools.

This course is online and asynchronous except for its final exam, which is held in person, on campus (beginning Winter 2023). You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours Fees: \$580.52

★ CMKT828 Sport Marketing Concepts and Strategy

Prerequisite: CMKT 100 or HTM 302 or Direct Entry; Antirequisite: MKT 827

This course exposes students to the fundamental concepts and strategies related to marketing in sport and recreation organizations. The course adopts an applied approach and emphasizes university/college, technology, sport sponsorship, focusing on the practical application of theory. Topics include the Canadian sport industry, sport brands, media and distribution, promotion and events.

39.0 Hours Fees: \$580.52

Mathematics

☆ CMTH108 Linear Algebra

Systems of linear equations, matrices determinants, vectors, geometry, linear transformations, linear independence, basis, dimension, eigenvalues and eigenvectors, complex numbers, applications.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

65.0 Hours Fees: \$1000.47

☆ CMTH110 Discrete Mathematics I

This course covers the fundamentals of discrete mathematics with a focus on proof methods. Topics include: propositional and predicate logic, notation for modern algebra, naive set theory, relations, functions and proof techniques.

52.0 Hours Fees: \$1079.76

★ CMTH131 Modern Mathematics I

Limits and continuity. Differentiation with applications. Newton-Raphson method. Integration; the Fundamental Theorem of Calculus.

52.0 Hours Fees: \$1079.76

★ CMTH207 Calculus and Computational Methods I

Calculus of functions of one variable and related numerical topics. Derivatives of algebraic, trigonometric and exponential functions. Differentiation techniques and applications of derivatives. Techniques of integration.

It is recommended that students take OAC or Grade 12 U Calculus prior to taking this course.

65.0 Hours Fees: \$1154.66

★ CMTH231 Modern Mathematics II

Prerequisite: CMTH 131 Antirequisite: CMTH 310 and MTH 240

Implicit functions and differentiation. Related rates, concavity, inflection points and asymptotics. Optimization. L'Hôpital's rule. Applications of integration. Techniques of integration. Vectors: geometric and analytic descriptions; dot product, orthogonality and projection; cross product; lines and planes in 3-space.

52.0 Hours Fees: \$1079.76

★ CMTH310 Calculus and Computational Methods II

Prerequisite: CMTH 207 Antirequisites: MTH 240 and CMTH 231

Integration techniques, improper integrals, sequences, infinite series, power series. Vectors: geometric and analytic descriptions; dot product, orthogonality and projection; cross product; lines and planes in 3-space.

65.0 Hours Fees: \$1154.66

★ CMTH380 Probability and Statistics I

Pre-requisite: CMTH131 or CMTH207; ; Anti-requisite: MTH410 and CMTH304

Probability and Statistics I: Descriptive statistics. Probability (Laws of probability. Conditional probability. Discrete probability distributions (binomial, hypergeometric, Poisson). Continuous probability distributions, Normal, t-exponential, χ^2 . Applications of discrete and continuous distributions. Sampling distributions (sample mean, sample proportion, difference between two samples, difference between two sample proportions). Sampling distribution concerning mean variance

and proportion for one or two populations. Estimation for large and small samples. Hypothesis testing concerning mean, variance and proportion for one or two populations, (large samples and small samples) including paired data testing.

52.0 Hours Fees: \$876.32

☆ CMTH480 Probability and Statistics II

Prerequisite: CMTH 380; Antirequisite: CMTH 404

A continuation of the introductory topics covered in MTH 380. ANOVA One and two-way. Correlation. Regression. Contingency Tables. Goodness of fit tests. A statistics computer package will be used in this course.

39.0 Hours Fees: \$622.25

★ CMTH500 Introduction to Stochastic Processes

Prerequisite: CMTH 404 or CMTH 480 or CECN 702

Topics include: Conditional expectation. Markov chains. Poisson process and Compound Poisson process. Continuous-time Markov processes. Discrete-time martingales. Continuous-time martingales. Brownian motion. Stochastic integration and introduction to stochastic differential equations.

39.0 Hours Fees: \$600.86

★ CMTH501 Numerical Analysis I

Prerequisite: CECN 230 or (CMTH 231 and CMTH 108) or (CMTH 310 and CMTH 108) Antirequisite: MTH 510

Errors and floating point arithmetic. Solutions of non-linear equations including fixed point iteration. Matrix computations and solutions of systems of linear equations. Interpolation. Finite difference methods. Least squares fit. Cubic spline interpolation. Numerical integration. Numerical solution of ordinary differential equations. Taylor series method. Euler method.

52.0 Hours Fees: \$876.32

★ CMTH600 Computational Methods In Mathematics

Prerequisite: CMTH 500 and (CMTH 501 or MTH 510)

Topics include: Statistical simulation of random variables and stochastic differential equations. Numerical solutions for partial differential equations, finite differences and finite-element methods. Optimization methods: linear programming, the simplex method and non-linear programming. The Matlab software will be used in assignments as a numeric and symbolic tool.

52.0 Hours Fees: \$876.32

★ CMTH642 Data Analytics: Advanced Methods

Prerequisite: (CIND 119, CIND 123 AND CIND 830) or (CMTH 304 or CMTH 380) AND (CCPS 109 or CPS 118)

This course builds on the previous Basic Methods course and covers more advanced concepts including classification and clustering algorithms, decision trees, linear and logistic regression, time series analysis, and text analytics. The course will provide applied knowledge on how to analyze large scale network data produced through social media. In this context topics include network community detection, techniques for link analysis, information propagation on the web and information analysis of social media.

Students are recommended to check the important dates for the Chang School current term before enrolling in the course and paying the fees. Notably, the Azure Virtual Desktop assigned to students will be accessible two days after the course's starting date, and swapping between sections will not be permitted.

Students are also encouraged to download the Microsoft Remote Desktop app to access the software needed to complete this course's requirements. Students also need to test the compatibility of the computer they plan to use before the first session, as machines operated using a third-party administrator, such as laptops provided by a workplace, may not allow access to the required software/download(s). International students might need to use their virtual private network (VPN) software if they cannot connect to University resources.

39.0 Hours Fees: \$1028.53

★ CMTH700 Financial Mathematics I

Prerequisite: CMTH 500

Topics include: Introduction to the fundamental topics in financial mathematics including fixed income instruments and derivative pricing. Stochastic calculus, martingales and Ito's formula are the main modeling tools used in the course. Pricing and hedging for a wide range of option contracts and future derivatives are developed for several models and by means of analytical and numerical techniques.

Students currently enrolled in the Financial Mathematics Undergraduate Degree program will not be permitted to register in this course. All other students should contact ce@torontomu.cato obtain permission to enrol.

52.0 Hours Fees: \$876.32

★ CMTH800 Financial Mathematics II

Prerequisite: CMTH 700

This course covers fixed income derivatives and the quantitative aspects of risk and portfolio management in modern finance. It introduces single factor interest rate models and pricing and covers analysis of risk measures and their properties, market, credit risk and an overview of other types of risks. The course also develops portfolio optimization techniques. Case studies and preparation for financial certification programs (FRM and PRM) are also included.

Students currently enrolled in the Financial Mathematics Undergraduate Degree program will not be permitted to register in this course. All other students should contact ce@torontomu.cato obtain permission to enroll.

52.0 Hours Fees: \$876.32

Mechanical Engineering

CKME995 Data Analytics Fast Track

This intensive program offers students a five-course, fast-track option for completing the core courses in the Certificate in Data Analytics, Big Data, and Predictive Analytics. The program runs during the Spring/Summer term, with participants completing three Spring courses (CIND 119, CIND 123, and CIND 830) and two Summer courses (CIND 110 and CMTH 642). Following successful completion of these five fast-track courses, participants have the opportunity to take the final capstone course, CIND 820, in a term of their choosing (a separate fee is required).

Participants use their personal computer/laptop for the program duration, and will be given access to a cloud computing platform, Microsoft Azure, that is equipped with all tools required to complete course activities.

For enrolment deadlines and other important info, please check out Important Dates. For further information on the fast-track option, contact ce@torontomu.ca.

210.0 Hours Fees: \$5142.65

Project Management

CKPM203 Planning and Scheduling

Prerequisite: CITM 750 or CKPM 202 or CTEC 210

The course deals with the application of the Critical Path Method (CPM)/Pert Networks for time control of a project. Topics covered include: the total project as a system, criteria for assessing the suitability of network presentations, project analysis, and decision-making, and the use of computers for network analysis and report production. The practical aspects of installing and operating a planning and scheduling system are emphasized throughout the course. (39 PDUs)

Newly Updated Course Content: This course's focus and scope now include the 7th Edition of PMBOK® Guide to prepare individuals for passing, in 2022 and onward, the PMI's PMP®; and CAPM®; exams.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students must have access to Microsoft Project for Windows to be successful in this course. The Apple (Mac) operating system is not supported by this course.

For further information about Professional Development Units (PDUs), see Project Management Institute.

This course is offered as part of 'Project Management Fast Track' (CKPM 999).

35.0 Hours

Fees: \$860.51

CKPM209 Project Risk and Quality Management

Prerequisite: CITM 750 or CKPM 202 or CTEC 210

The Project Management Institute (PMI) recognizes Risk and Quality Management as two of the key knowledge areas of project management. This course covers the fundamental aspects, analytical tools, and methods of both areas. In particular, the course covers the basic processes of risk planning, identification, qualitative analysis, quantification, risk response development, and risk control. The course also deals with concepts of quality and their integration into project planning, execution, and control. It addresses the customer and the organizational perspectives on quality, the cost of quality and the use of statistical tools to manage quality improvements in projects. (39 PDUs)

Newly Updated Course Content: This course's focus and scope now include the 7th Edition of PMBOK® Guide to prepare individuals for passing, in 2022 and onward, the PMI's PMP®; and CAPM®; exams.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students must have access to Microsoft Project for Windows to be successful in this course. The Apple (Mac) operating system is not supported by this course.

For further information about Professional Development Units (PDUs), see Project Management Institute.

This course is offered in the Spring/Summer term as part of 'Project Management Fast Track' (CKPM 999).

35.0 Hours

Fees: \$860.51

CKPM211 Leadership in Project Management

Prerequisite: CITM 750 or CKPM 202 or CTEC 210

A successful project manager not only understands the technical project management skills (scope, schedule, cost, quality, and risk), but also has solid leadership and other soft skills. This course is designed to introduce students to leadership concepts and skills as they apply to projects. In addition, the course will discuss other soft skills required by a project manager, including team building, managing conflict, communication, and other tools and techniques. (39 PDUs)

Newly Updated Course Content: This course's focus and scope now include the 7th Edition of PMBOK® Guide to prepare individuals for passing, in 2022 and onward, the PMI's PMP®; and CAPM®; exams.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

For further information about Professional Development Units (PDUs), see Project Management Institute.

This course is offered in the Spring/Summer term as part of 'Project Management Fast Track' (CKPM 999).

35.0 Hours

Fees: \$860.51

CKPM212 Project Cost and Procurement Management

Prerequisite: CITM 750 or CKPM 202 or CTEC 210

Management of cost and contracts is one of the key functions of the project manager. This course will outline various key concepts of project cost management including: financial and management accounting fundamentals, cost management system fundamentals, basic budgeting and responsibility accounting, and cost management reports. In addition, the course will review the procurement cycle including RFPs, contracts, and legal requirements. (39 PDUs)

Newly Updated Course Content: This course's focus and scope now include the 7th Edition of PMBOK® Guide to prepare individuals for passing, in 2022 and onward, the PMI's PMP®; and CAPM®; exams.

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Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

For further information about Professional Development Units (PDUs), see Project Management Institute.

This course is offered in the Spring/Summer term as part of 'Project Management Fast Track' (CKPM 999).

35.0 Hours

Fees: \$860.51

CKPM213 Management of Projects in the AEC

Prerequisite: CKPM 202 or CTEC 210

Market assessment, bidding strategies and advanced procurement methods are examined in the context of organizational structures required for the various delivery methods. An in-depth examination of techniques of time and cost control required to support these techniques is carried out. This course places emphasis on the application of theory to practice through cases studies. (39 PDUs)

For further information about Professional Development Units (PDUs), see Project Management Institute.

35.0 Hours

Fees: \$860.51

CKPM214 Project Development and Control

Prerequisite: CKPM 202 or CTEC 210

This course examines the context of the business environment in which AEC projects are planned and developed and executed. It investigates the contractual relationships of key stakeholders in order to identify mutual influences and their impact on key project constraints. It reviews advanced techniques of time and cost trade-off, resource allocation and implications of project cash flow analysis and assessment. (39 PDUs)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related

activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

For further information about Professional Development Units (PDUs), see Project Management Institute.

35.0 Hours

Fees: \$860.51

CKPM216 Project Management Internship

Prerequisites: (CITM 750 or CKPM 202 or CTEC 210) and CKPM 203, CKPM 209, CKPM 211, CKPM 212

Students choose from two options: a field placement or a research/development project. All options emphasize student's development as an emerging professional. For field placement, students must arrange for an opportunity to volunteer as a project manager and submit a report. The research/development project offers students the opportunity to explore an area of specialization in more detail. (39 PDUs)

This course may be taken as individualized study/directed reading; please contact the Academic Coordinator, John Estrella, at jestrella@torontomu.ca prior to enrolling.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

For further information about Professional Development Units (PDUs), see Project Management Institute.

35.0 Hours

Fees: \$860.51

🔄 CKPM217 Agile Project Management

This course prepares members of self-managing teams to build products while responding effectively and nimbly to ever-changing project environments and business conditions. Topics include agile theories, methods, applications, and case studies behind agile project life cycles even when change is introduced late; agile tools and techniques for minimizing risk throughout a time-limited project; and evidence-based best practices of agile product development.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

35.0 Hours

Fees: \$860.51

🔄 CKPM219 Mobile Project Management

This course develops skill sets and advanced competencies in the management of Mobile Application Development projects using the agile project management framework. The course familiarizes students with mobile tools that optimize the management of Mobile Application Development projects including such tools as Asana, Clarizen, LiquidPlanner, Mavenlink, and Upwork. With this course, students develop expertise in Mobile Application Project delivery anytime and anywhere.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

35.0 Hours

Fees: \$860.51

CKPM989 PMP Exam Review

Department Consent Required

This course features specialized support in preparation for the Project Management Professional (PMP) exam.

12.0 Hours

Fees: \$474.60

★ CTEC210 Fundamentals of Project Management

This course will familiarize the student with the concepts and basic functions of the project management body of knowledge, including scope, quality, time, cost, risk, procurement, human resource, and communication management. The integration of these functions into a project management system, and the role of the project manager and project support staff, will be examined. This course provides a basic knowledge of project management as preparation for other courses in the program. (39 PDUs)

As of November 25, 2021, the Project Management Institute (PMI) released the PMBOK® Guide (7th Edition). The CTEC210 Fundamentals of Project Management course and the select CKPM courses teach the 7th Edition of PMBOK® Guide to prepare individuals for passing, in 2022 and onward, the PMI's PMP® and CAPM® exams.

Reference:

A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Seventh Edition and The Standard for Project Management(ENGLISH). 2021.

ISBN-13:978-1628256642

ISBN-10:1628256648

Newly Updated Course Content: This course's focus and scope now include the 7th Edition of PMBOK® Guide to prepare individuals for passing, in 2022 and onward, the PMI's PMP® and CAPM® exams.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor will also include optional Zoom sessions for Q & A and other discussion activities. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$775.47

Quantitative Methods

★ CQMS102 Business Statistics I

Antirequisites: QMS 204, QMS 210, QMS 230, and QMS 400

This course consists of an introduction to business statistics including methods of describing, summarizing, graphically presenting, measuring and analyzing statistical data, probability distributions, covariance applications, sampling distributions and control charts. The course emphasizes how to apply various statistical techniques in the support of managerial decisions in the various functional areas of business. Students will be required to use appropriate computer software and/or calculator to present and analyse statistical data.

Supplies to be purchased by the student: Software and calculator specifications will be announced at the first session. Students require access to a computer with Microsoft Windows. Calculators are not required for Internet classes.

CQMS 102 is not transferable to the Business Management BComm degree program at Toronto Metropolitan University.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$738.08

★ CQMS110 Applied Mathematics for Business

Antirequisites: CITM 107, QMS 130

This course will introduce and reinforce fundamental concepts of mathematical modelling that are commonly used in business applications. Student will learn about the properties of mathematical functions and how they are applied across the functional areas of business. Employing a practical, hands-on approach, students will use Excel to analyze mathematical models and summarize their findings in a business report. Essential concepts of financial mathematics will also be covered.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$738.08

★ CQMS202 Business Statistics II

Prerequisite: CQMS 102 or QMS 204 or Direct Entry; Antirequisite: CHIM 408, QMS 210, QMS 230

This course builds on the concepts introduced in QMS 102. Some of the topics to be studied follow: confidence interval estimation, hypothesis testing of means, variances, proportions, independence, and simple/multiple regression with applications to forecasting. The course emphasizes how to apply various inferential statistical techniques in the support of managerial decisions in the various functional areas of business. SPSS and/or programmable calculators are used.

Supplies to be purchased by the student: Software and calculator specifications will be announced at the first session. Students require access to a computer with Microsoft Windows. Calculators are not required for Internet classes.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$738.08

☆ CQMS210 Applied Statistics for Business

Antirequisites: QMS 202, QMS 230

This course introduces both descriptive and inferential statistics. Students learn to use descriptive data, in both numeric and graphic formats, as well as inferential statistics to support managerial decisions in applied business contexts. Topics include grouped frequency distribution, measures of central tendency and variability, probability theory, sampling distribution, confidence intervals, hypothesis testing, and linear and multiple regression.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$738.08

★ CQMS442 Multiple Regression for Business

Prerequisite: CQMS 202 or QMS 210 or QMS 230 or Direct Entry

This course makes a comprehensive examination of both multiple regression and analysis of variance, the most commonly used statistics tools used in business, emphasizing model appropriateness for given business problem and followed by a critical analysis of any assumptions and an assessment of the model accuracy. A real-life project is used to demonstrate the practical use of the techniques. The course is supported by appropriate statistical software.

The prerequisites may be waived if the student has specific professional experience. Registered certificate program students without the course prerequisites who wish to take this course, may contact the Program Coordinator, Melissa Johnson, at m1johnso@torontomu.ca for more information.

Supplies to be purchased by the student: Software and calculator specifications will be announced at the first session.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

★ CQMS521 Business Optimization

Prerequisite: CQMS 202 or QMS 210 or QMS 230 or Direct Entry

This course is designed to help the prospective manager define the management decision-making process and become familiar with the Operations Research and other linear techniques in practice today. Students will learn to recognize decision situations amenable to O.R. analysis through exposure to the analysis of business problems using model formulation and problem-solving techniques. Analysis will be done using appropriate software and platforms with an emphasis on output interpretation.

The prerequisites may be waived if the student has specific professional experience. Registered certificate program students without the course prerequisites who wish to take this course, may contact the Program Coordinator, Melissa Johnson, at m1johnso@torontomu.ca for more information.

39.0 Hours

Fees: \$580.52

☆ CQMS522 Linear Algebra

Prerequisites: CQMS 202 or QMS 210 or QMS 230 or Direct Entry; Antirequisites: CMTH 108, MTH 141

This course applies Matrix Algebra to the modelling of Linear Business Systems. Topics include Matrices and Linear Transformations, Determinants and Subspaces. This course should be of interest to students planning graduate studies in Business Administration or Economics.

39.0 Hours

Fees: \$580.52

☆ CQMS702 Calculus for Business

Prerequisite: CQMS 202 or QMS 230 or QMS 110 or CITM 107 or Direct Entry

This course is an introductory course in calculus. Its purpose is to make the student familiar with the basic concepts and appreciate the various applications. The course will be of value to students who wish to further their understanding of business and economic model building. It will also give the student an insight into one of the most powerful and widely used of mathematical tools. Although little prior knowledge will be assumed, the student should have analytical interest. Many graduate business schools now require at least one undergraduate level calculus course. It is strongly recommended that students select QMS 702, Calculus for Business, as an elective in fourth year if they are considering graduate studies in business.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

★ CQMS703 Business Forecasting Techniques

Prerequisite: CQMS 202 or CQMS 210 or QMS 230 or Direct Entry

This course deals with the application, usefulness and limitations of some of the more important and widely used time series forecasting techniques, including Box-Jenkins. A forecasting project will provide the student with insight into the practical problems of forecasting such as data acquisition, model selection and the analysis and interpretation of results. Analysis will be done using the appropriate software and platforms.

The prerequisites may be waived if the student has specific professional experience. Registered certificate program students without the course prerequisites who wish to take this course, may contact the Program Coordinator, Melissa Johnson, at m1johnso@torontomu.ca for more information.

39.0 Hours

Fees: \$580.52

Retail Management

★ CRMG200 Intro to Retail and Services Management

Retailing is one of the most fascinating, challenging and multi-faceted environments, business students will be exposed to. The objective of the course is to provide both an understanding of the key retail strategy components as well as change the student focus from a consumer to a business manager. This will be accomplished through examining the many key functional areas within a retail business including location and market strategy, store design and layout, merchandise planning, human resources, financial strategy and customer relationships. The understanding of these functional areas will illustrate how retailers can adapt to the competitive and continually changing environment by formulating strategies, which result in profitable performance. An introduction to retail profit drivers will be a key element of the course.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$741.20

★ CRMG301 Retail Operations Management

Prerequisites: CRMG 200

This course will focus on how retail companies compete by designing and operating effective value chains. Operations strategy guides retailers as they buy merchandise and move it to the marketplace via efficient processes. Internal and external value chains are linked so that costs are reduced and inventory levels are optimized. The processes, that are the building blocks of successful retail organizations, include planning, inventory management, location selection and resource scheduling.

The prerequisite may be waived if the student has specific professional experience. Individuals who do not have the prerequisite and who wish to take this course must contact the Academic Coordinator, Sean Sedlezky, at ssedlezk@torontomu.ca for more information.

This course is part of the Retail Operations Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

★ CRMG302 Retail Consumer Insight

Prerequisite: CRMG 200; Antirequisites: CMKT 400 and MKT 502

The course introduces the key theoretical concepts to the understanding of consumer behaviour. Building on this foundation the retail/consumer relationship will be examined through the case study method. Topics such as the retail brand, consumer research and value equations will be introduced and examined.

39.0 Hours

Fees: \$698.43

★ CRMG303 Managing the Retail Workplace

Prerequisite: CRMG 200; Antirequisite: CHTH 102

The quality of service that customers experience in retail settings is affected by many factors. As a result, the challenge for retailers is to provide an environment that instils a focus on customers and delivers the service required to satisfy those customers. This course introduces students to service quality management frameworks and principles. It examines how these principles are reflected in key organizational and management strategies, particularly those related to the management of the retail workforce.

This course is part of the Retail Operations Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$649.39

★ CRMG400 Merchandise Buying and Planning I

Prerequisite: CRMG 200

This course examines the merchandise buying and planning function within the context of bricks and mortar and e-commerce retail organizations. Course content understanding customers, making buying decisions, forecasting, controlling inventories, preparing buying plans, developing assortment plans, managing vendor relations and pricing the merchandise. This is accomplished through a heavy emphasis on retail math and excel. Merchandise buying and planning requires an understanding of the buyer's roles and responsibilities as well as their relationship to other functions inside and outside the organization.

The prerequisite may be waived if the student has specific professional experience. Individuals who do not have the prerequisite and who wish to take this course must contact the Academic Coordinator, Sean Sedlezky, at ssedlezk@torontomu.ca for more information.

This course is part of the Retail Buying Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

★ CRMG434 Intro to Logistics and Supply Chain Mgmt

Prerequisite: CRMG 200

This course serves as an introduction to the fundamentals of global supply and distribution networks management (traditionally known as Supply Chain and Distribution Channel). The course is primarily focused on the planning, implementation, monitor and control of global, regional and local distribution networks in support of retail business operations. The course covers fundamentals of supply and distribution networks, the link between distribution networks and marketing strategies, and the link between supplier networks and inventory management. Supply and distribution networks include aligning supply networks with corporate strategies, implementation of corporate sustainability and social responsibility related policies, global transportation, and supporting information technology. Throughout the course, analytical tools and methods are utilized to support decision making and manage supply and distribution networks uncertainty.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$649.39

CRMG452 Visual Merchandising and Space Planning

Prerequisite: CRMG 200

Students will study the theories and practices related to visual merchandising and space planning. An examination of leading edge visual merchandising practices will be explored with respect to in-store design and layout. Space planning software will be used to plan in-store displays, window and fixture design and configuration. (Formerly FSN 452.)

The prerequisite may be waived if the student has specific professional experience. Individuals who do not have the prerequisite and who wish to take this course must contact the Academic Coordinator, Sean Sedlezky, at ssedlezk@torontomu.ca for more information.

This course is part of the Retail Operations Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

★ CRMG902 Franchising

Prerequisite: CRMG 200

The focus of this course is on business format franchising - the transfer of a particular business format or way of conducting business. The costs and benefits of franchising from both the franchisee's and franchiser's point of view will be explored. Franchiser/franchisee communication and relationship will be discussed. Students will examine how to determine the feasibility of a franchise opportunity, the legal dimensions of franchising, characteristics of the typical franchisee, and international franchising as a means of expansion.

The prerequisite may be waived if the student has specific professional experience. Individuals who do not have the prerequisite and who wish to take this course must contact the Academic Coordinator, Sean Sedlezky, at ssedlezk@torontomu.ca for more information.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

★ CRMG907 Relationship Marketing

Prerequisite: CRMG 200

The relationship between the consumer and the retailer has been perceived as a transaction and marketing strategy has been based on this perception. Retailers are moving to an ethical relationship view of the buying process - the building of a long term relationship with the customer as the central theme of marketing strategy. This course will explore the underlying theories, values and benefits of doing business through one-to-one relationships with consumers using technological advances. A one-to-one customer-centric approach enables retail marketers to reach customers from multicultural backgrounds, a distinguishing feature of the Canadian marketplace.

39.0 Hours

Fees: \$580.52

★ CRMG909 Merchandise Buying and Planning II

Prerequisite: CRMG 400

This course compliments Buying Process I by introducing students to concepts of merchandise management. Course content emphasizes analytical and quantitative aspects of merchandising planning and expected outcomes include a complete understanding of financial strategy as it relates to merchandise management, the development of dollar merchandise plans, measures of productivity and vendor performance analysis. Information technology and decision support systems represent and integral part of the course content. (Formerly FSN 551)

This course is part of the Retail Buying Course Series.

39.0 Hours

Fees: \$580.52

★ CRMG910 Omni-Channel Retailing

Prerequisite: CITM 350 or CRMG 200 or CITM 550

Great retail is about creating a consistent experience across all channels and touchpoints with customers. This includes having a holistic strategy, known as the Omni-channel approach, to manage service and distribution channels that includes brick and mortar stores, online, mobile, catalogs, and more. For this reason, it is critical that all retail students understand how these channels function together, as well as the beneficial outcomes (e.g., customer satisfaction) of operating an integrative omni-channel business. The course helps students to develop skills to analyze a firm's omni-channel strategy and recommend solutions to help meet customers' needs. Further, students will learn different techniques and strategies on how to optimize the channel operations of a business.

The prerequisite may be waived if the student has specific professional experience. Individuals who do not have the prerequisite and who wish to take this course must contact the Academic Coordinator, Sean Sedlezky, at ssedlezk@torontomu.ca for more information.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$580.52

★ CRMG911 Retail Sales Management

Prerequisite: CRMG 200

This course is based on the importance of professionalism in sales people and effective selling that play a key role towards the delivery of exceptional customer service. Students will focus on building effective leadership skills and programs for selling and the development of relationships to increase productivity and customer loyalty.

39.0 Hours

Fees: \$649.39

★ CRMG919 Visualizing Data for Decisions

Prerequisite: CRMG 200

Retail is detail. A retail company collects volumes of data: what was sold, what size, when, at what price, and by whom. But with so much data, it is difficult to 'see the big picture and generate actionable insights. In this course, students will use industry-leading tools to visualize data, understand trends, and make informed business decisions. Students will work with large data sets, gaining practical experience in how to find answers to complex business problems.

39.0 Hours

Fees: \$649.39

COMMUNICATION AND LANGUAGES

American Sign Language

☆ CASL101 Introductory American Sign Language I

This professional elective course is designed for hearing students wishing to acquire some of the basic vocabulary and grammatical structures of American Sign Language (ASL). Through active participation, students learn to communicate in ASL, developing their ability to understand and use ASL fingerspelling, simple affirmative and interrogative statements. Students also learn to converse in ASL. By the end of this course, students should know 500 signs. Students with restricted dexterity may find the production of signs challenging.

39.0 Hours

Fees: \$640.05

☆ CASL201 Introductory American Sign Language II

Prerequisite: CASL 101

This course is designed for hearing students with some basic knowledge of ASL who wish to acquire the necessary vocabulary and grammatical structures to conduct basic conversations in American Sign Language (ASL). Quantifiers and classifiers are covered, as are tense and number indicators. Verb inflections and adverb modulations are also explained. By the end of this course, students should know around 1000 signs. Students with restricted dexterity may find this course challenging.

39.0 Hours

Fees: \$640.05

☆ CASL301 Intermediate American Sign Language I

Prerequisite: CASL 201

This course is for hearing students with good knowledge of ASL wishing to develop their use of signed vocabulary and complex grammatical structures. The use of quantifiers is emphasized in describing objects and providing location. Verb inflections and adverb modulations are covered. By the end of this course, students should know 1500 signs and be able to conduct conversations involving several people, expressing emotions and feelings. Students with restricted dexterity may find this course challenging.

39.0 Hours

Fees: \$640.05

☆ CASL401 Intermediate American Sign Language II

Prerequisite: CASL 301

This course is for hearing students with good knowledge of ASL wishing to develop their use of specialized vocabulary. Students work on acquiring new vocabulary based on their professional or personal interests. By the end of this course, students should know 2000 signs and be able to conduct conversations involving several people, expressing emotions and feelings, in a variety of everyday and professional situations. Students with restricted dexterity may find this course challenging.

This course will require you to be online for live lectures every week at the scheduled time. Class recordings will also be available. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$640.05

Arabic

☆ CARB101 Introductory Arabic I

Department Consent Required; Prerequisite: Placement test required (www.torontomu.ca/lc)

This course is designed to help students with no knowledge of Arabic to begin developing functional communication abilities in all four language skills in Modern Standard Arabic. Using a variety of authentic materials, students will learn to create conversations based upon culturally authentic situations. By the end of this course, students will be able to read and write simple sentences and to talk about subjects related to family, studies, and social environment. All students must take an interview/placement assessment before enrolling in this course. New students who do not have a TMU Student Number should Create a Student Profile and obtain a student number before completing the assessment.

This course will require you to be online for live lectures every week at the scheduled time. Class recordings will also be available until after your exam period. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$635.65

☆ CARB201 Introductory Arabic II

Prerequisite: CARB 101 or placement test required (www.torontomu.ca/lc)

The course, which focuses on the acquisition of complex grammatical structures, expanding vocabulary, and discourse skills, develops functional communication abilities in all four language skills in Modern Standard Arabic. Topics will be presented using authentic materials. By the end of the course, students will be able to read, write, and translate longer passages in Arabic. Students will also be able to talk about subjects related to cultural environment, work, relationships, and general knowledge.

Note: All students must take an interview/placement assessment before enrolling in this course

39.0 Hours

Fees: \$635.65

☆ CARB301 Intermediate Arabic I

Prerequisite: CARB 201 or placement test required (www.torontomu.ca/lc)

The course, which focuses on the acquisition of complex grammatical structures, expanding vocabulary, and discourse skills, develops functional communication abilities in all four language skills in Modern Standard Arabic. By the end of the course, students will be able to read, write, and translate longer passages in Arabic. Students will also be able to talk about subjects related to: cultural environment, work, relationships, general knowledge, geography, history, society and literature.

Note: All students must take an interview/placement assessment before enrolling in this course.

39.0 Hours

Fees: \$635.65

☆ CARB501 Advanced Arabic I

Prerequisite: CARB 401 or placement test required (www.torontomu.ca/lc)

This course focuses on developing students' linguistic, communicative and intercultural skills in Modern Standard Arabic. Through a selection of short stories and excerpts from contemporary literary works, students develop advanced reading, writing, oral and listening skills. Cultural topics in this course include social issues dealing with identities, immigration, diasporic communities, gender relations, environment, and marriage, among others.

Note: All students must take an interview/placement assessment before enrolling in this course

39.0 Hours

Fees: \$635.65

Chinese

☆ CCHN101 Introductory Chinese I

Prerequisite: Placement test required (www.torontomu.ca/lc); Antirequisite: MDN 101

This course is designed to help students with no prior background in Mandarin to develop functional communication abilities in all four language skills. Using the standard Hànyu Pinyin phonetic system, a variety of authentic materials, vocabulary and sentence patterns, students will learn to make statements, ask questions, respond to questions and create conversations based upon culturally authentic situations. By the end of this course, students will be able to read and write 250 characters. An online placement test is required. All students must take an interview/placement assessment before enrolling in this course. New students who do not have a Toronto Metropolitan Student Number should Create a Student Profile and obtain a student number before completing the assessment.

This course will require you to be online for live lectures at the scheduled time. There will also be some pre-recorded lectures. Class recordings will be available until the exam period. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$636.34

☆ CCHN201 Introductory Chinese II

Prerequisites: CCHN 101 or placement test (www.torontomu.ca/lc); Antirequisite: MDN 201

This course is designed for students with some background in Mandarin to develop functional communication in all four language skills. Using the standard Hànyu Pinyin phonetic system, a variety of authentic materials, vocabulary and sentence patterns, students will learn to make statements, ask questions, respond to questions and create conversations based upon culturally authentic situations. By the end of this course, students will be able to read and write 550 characters. An online placement test is required.

All students must take an interview/placement assessment before enrolling in this course. New students who do not have a TMU Student Number should Create a Student Profile and obtain a student number before completing the assessment.

This course will require you to be online for live lectures at the scheduled time.

39.0 Hours

Fees: \$636.34

Chinese Studies

❖ CCHS504 Chinese Cultural Traditions

This course, taught in English, examines significant cultural traditions from the 2nd century BCE through the 18th century CE. Chinese myths, legends, identity, values, beliefs, and achievements will be examined. The intercultural relations among and between China, Korea and Japan will also be examined and tested. No prior knowledge of the Chinese language, history, or culture is required for this course. Contemporary manifestations of cultural traditions within the Chinese diaspora will also be studied.

39.0 Hours

Fees: \$636.34

Communication

★ CCMN114 Short Management Reports

This writing intensive workshop course helps students gain the proficiency needed to meet the reporting demands of the contemporary workplace. Participants will learn to analyze their audience and purpose while writing informative and persuasive documents such as instructional reports, personnel reports, informal proposals, and analytical reports. A module on planning, delivering professionally related oral presentations to peers, management and industry partners completes this workshop course. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class

For a sample course outline for classroom delivery, consult the Toronto Metropolitan University School of Professional Communication website

39.0 Hours

Fees: \$583.20

★ CCMN279 Introduction to Professional Communication

Antirequisites: CCMN 124, CCMN 201

This case-based, interactive course introduces students to contemporary strategies of successful communication in professional contexts. Students learn how to analyze audience, situation, and medium to create messages that respond to practical challenges and build productive relationships. Students develop sensitivity to language and tone, learn to organize and convey ideas and information, and select the best means to accomplish their intended purposes. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class

For a sample course outline for classroom delivery, consult the Toronto Metropolitan University School of Professional Communication website

39.0 Hours

Fees: \$578.15

★ CCMN304 Career Advancement Communication

This course aims to develop the communication skills and strategies necessary to meet the challenges of the current workplace. With particular focus on the job search and career development, course content covers such topics as research and interviewing, persuasive writing and speaking, developing a professional image and making effective communication decisions. For a sample course outline for classroom delivery, consult the Ryerson University School of Professional Communication website

39.0 Hours

Fees: \$587.31

★ CCMN313 Organizational Report Writing

Prerequisite: CMN 100 or CCMN 114 or CCMN 124 or CMN 200 or CCMN 201 or CMN 207 or CMN 210 or CCMN 279 or CCMN 300 or CCMN 373 or Direct Entry.

Organizational report writing focuses on the selection, treatment and solution of a complex problem in an organization, through the development and preparation of a formal, analytical report. Students learn to propose solutions to an identifiable problem, customize a message for multiple audiences, create a work plan, apply primary and secondary research methods, and structure an argument logically and persuasively. Students will strengthen their critical thinking skills as they evaluate findings and formulate conclusions and recommendations. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

For a sample course outline for classroom delivery, consult the Ryerson University School of Professional Communication website

39.0 Hours

Fees: \$587.31

★ CCMN314 Professional Presentations

Prerequisites: CMN 100 or CCMN 124 or CMN 200 or CCMN 201 or CMN 207 or CCMN 279 or CCMN 300 or CCMN 373 or Direct Entry

Successful professionals achieve their objectives by consistently designing and delivering meaningful presentations to diverse, demanding audiences. Students learn to structure content coherently, develop poise and confidence, and employ technology in a sophisticated way to connect with their listeners.

Note: Registered certificate program students without the CCMN course prerequisites may apply to the Academic Coordinator, Richard McMaster at rmcmaste@torontomu.ca for consideration to enrol in this course without the required prerequisites.

39.0 Hours

Fees: \$587.31

★ CCMN315 Issues in Organizational Communication

Prerequisites: CMN 100 or CCMN 114 or CCMN 124 or CMN 200 or CCMN 201 or CMN 207 or CCMN 279 or CCMN 300 or CCMN 373 or Direct Entry

Effective communication has always been an essential component of business. It is particularly important today, when business people communicate in increasingly complex and diverse workplaces. They must deal with ethical dilemmas, intensifying organizational change, global and multicultural partners, increased specialization, and constant technological developments. Using practical examples and case studies, this course both explores communication challenges that business professionals face today and helps them develop strategies and practices designed for the contemporary workplace.

Note: Registered certificate program students without the CCMN course prerequisites may apply to the Academic Coordinator, Sandra Rosenberg, at srosenbe@ryerson.ca for consideration to enrol in this course without the required prerequisites.

39.0 Hours

Fees: \$587.31

★ CCMN413 Corporate Communications

Prerequisite: CMN 100 or CCMN 114 or CCMN 124 or CMN 200 or CCMN 201 or CMN 207 or CCMN 279 or CCMN 300 or CCMN 373 or Direct Entry

How does a company communicate its reputation and image and manage these intangible features when damaged? Through examining high-level communication strategies and products, students develop sensitivity to the language, formats, and images organizations use to manage their concerns. Students also practice skills corporate communication professionals employ to communicate with a variety of audiences. For a sample course outline for classroom delivery, consult the Ryerson University School of Professional Communication website

39.0 Hours

Fees: \$587.31

★ CCMN414 Interpersonal Communication in Management

Prerequisite: CMN 100 or CCMN 114 or CCMN 124 or CMN 200 or CCMN 201 or CMN 207 or CCMN 279 or CCMN 300 or CCMN 373 or Direct Entry

In this experiential workshop course, students participate in a variety of group and individual exercises designed to develop the interpersonal skills necessary for effective management. Students learn how member diversity and the communication medium affect group processes such as problem solving, decision making, resolving conflict, and negotiating. Some sessions may be videotaped. For a sample course outline for classroom delivery, consult the Ryerson University School of Professional Communication website

39.0 Hours

Fees: \$587.31

★ CCMN432 Communication in the Engineering Professions

Communication lies at the heart of the engineering professions. This course introduces students to the unique and varied communication challenges of their discipline. Through a combination of lectures, workshops, readings, and online simulations, students are exposed to the types of communication they will engage in as professionals and given the opportunity to refine their analytical, writing, presentation, and problem-solving skills.

56.0 Hours

Fees: \$587.31

★ CCMN443 Contemporary Intercultural Communication

Prerequisite: CMN 100 or CCMN 114 or CCMN 124 or CMN 200 or CCMN 201 or CMN 207 or CCMN 279 or CCMN 300 or CCMN 373 or Direct Entry

In today's global environment, the success of almost any venture requires an understanding of intercultural issues. In this course various communication strategies and theories are analyzed in cultural context. Students learn how to overcome cultural barriers and engage in cross-cultural situations. For a sample course outline for classroom delivery, consult the Toronto Metropolitan University School of Professional Communication website

39.0 Hours

Fees: \$587.31

CDCM415 Promotional Communications

The art of promotion is fundamental to the selling of products, services, and ideas. In this innovative course, students use a range of media and communication strategies to put the theory and ethics of promotion into practice. Students learn how to meet the challenges of bringing a new product or service to market from beginning to end and how to communicate with internal stakeholders and target audiences to promote the new initiative successfully. This course enables students to experience firsthand the dynamics of conceiving, developing, and executing a promotional campaign, as well as equips them with the skills needed to engage effectively in the marketing communications process.

39.0 Hours

Fees: \$798.20

French

★ CFRE101 Introductory French I

Prerequisite: Placement test required (www.torontomu.ca/llc)

Classes use a communicative approach and the emphasis is on oral proficiency, although reading and writing skills are also developed. Through extensive practice in class, students acquire the basic vocabulary and constructions of French. Classwork is supplemented by handouts, audio recordings and cultural readings. All students must take an interview/placement assessment before enrolling in this course. New students who do not have a Toronto Metropolitan Student Number should Create a Student Profile and obtain a student number before completing the assessment.

39.0 Hours

Fees: \$515.31

★ CFRE201 Introductory French II

Prerequisite: CFRE 101 or placement test required (www.torontomu.ca/llc)

This course uses a communicative approach and although the emphasis is on oral proficiency, reading and writing skills are also further developed. Through extensive practice in class, students develop their knowledge of the basic vocabulary and constructions of French. Classwork is supplemented by handouts, audio recordings and cultural readings. All students must take an interview/placement assessment before enrolling in this course.

39.0 Hours

Fees: \$515.31

★ CFRE301 Intermediate French I

Prerequisite: CFRE 201 or placement test required (www.torontomu.ca/llc)

This course is for students with intermediate high school French skills includes cultural readings and excerpts from the media. The course further develops the student's ability to understand, speak, read and write French. All students must take an interview/placement assessment before enrolling in this course.

39.0 Hours

Fees: \$515.31

★ CFRE401 Intermediate French II

Prerequisite: CFRE 301 or FRE 302 or CFRE 303 or placement test required (www.torontomu.ca/llc)

This course emphasises the four essential skills of understanding, speaking, reading and writing French. Students will develop their knowledge of French through analysis of excerpts from contemporary media as well as cultural readings, including short fictional texts. Presentations, debates and discussions are used to enhance the students' skills in spoken French. All students must take an interview/placement assessment before enrolling in this course.

39.0 Hours

Fees: \$515.31

★ CFRE402 French Conversation and Pronunciation

Prerequisite: CFRE 301 or FRE 302 or CFRE 401 or placement test required (www.torontomu.ca/llc); Not available to native speakers of French or advanced French students.

This intermediate PR/PE course is intended to enhance oral proficiency by focusing on vocabulary, syntax, auditive comprehension, pronunciation and intonation. Students will improve their French through a range of activities including the analysis of audiovisual materials, films and plays as well as discussion of written texts from newspapers, advertisements and business news. All students must take a placement assessment before enrolling in this course.

39.0 Hours

Fees: \$515.31

★ CFRE501 Speaking and Writing French I

Prerequisite: CFRE 401 or CFRE 402 or placement test required (www.torontomu.ca/llc)

Designed for students with good oral skills in French who wish to review major grammatical structures, develop vocabulary, and improve their writing. Course emphasizes differences/parallels between written and oral French, and development of variety in writing style. Writing assignments based on essays, literary works, press articles, etc., chosen to illustrate styles and levels of contemporary written French. A literary work will form the basis for class discussions and written work. All students must take an interview/placement assessment before enrolling in this course.

39.0 Hours

Fees: \$510.09

★ CFRE502 Communication and Business French

Prerequisite: CFRE 515 or placement test required (www.torontomu.ca/llc).

Students with a good background in the language will find this course helpful in improving their ability to use French in business transactions and communications. There is an emphasis on developing business vocabulary, particularly correspondence formulae and terminology. Differences between English and French writing protocol is stressed. All students must take an interview/placement assessment before enrolling in this course.

CFRE 502 and CFRE 507 can be taken in the same term.

39.0 Hours

Fees: \$502.80

★ CFRE507 English-French Translation I

Prerequisite: CFRE 601 or placement test required (www.torontomu.ca/llc)

Students at this level are well-acquainted with most of the rules of French grammar. This course concentrates on furthering this knowledge through the development of English to French translation techniques. Through numerous exercises, students learn to express the same concepts naturally in the target language, without undue interference from the source language. All students must take an interview/placement assessment before enrolling in this course.

CFRE 507 and CFRE 502 can be taken in the same term.

39.0 Hours

Fees: \$502.80

★ CFRE515 Introduction to Business French

Prerequisite: CFRE 601 or placement test required (www.torontomu.ca/llc). Not available to native speakers of French

This PR/PE course introduces students to business French while continuing to develop their general competence in French. Students learn to master vocabulary specific to business, banking and administration, while becoming aware of formal and informal styles of written and spoken French suitable to the workplace. Materials include newspaper and journal articles as well as video clips from business news. The language of instruction is French. This course is not open to native French speakers. All students must take an interview/placement assessment before enrolling in this course.

39.0 Hours

Fees: \$502.80

★ CFRE601 Speaking and Writing French II

Prerequisite: CFRE 501 or placement test required (www.torontomu.ca/llc)

Designed for students with good oral skills in French who wish to master major grammatical structures, develop vocabulary, and hone their writing skills, this course stresses the importance of distinguishing written from oral French and of developing of variety in writing style. Writing assignments based on essays, literary works, press articles, etc., chosen to illustrate styles and levels of contemporary written French. A literary work will form the basis for class discussions and written work. All students must take an interview/placement assessment before enrolling in this course.

39.0 Hours

Fees: \$502.80

★ CFRE602 Business French in Practice

Prerequisite: CFRE 515 or placement test required (www.torontomu.ca/llc/); ;

Students with a solid background in the language will find this course helpful in perfecting their ability to use French in business transactions and communications. There is a strong emphasis on developing business vocabulary, particularly correspondence formulae and terminology. Differences between English and French correspondence protocol is highlighted. CFRE 602, CFRE 607, and CFRE 707 can be taken in the same term.

39.0 Hours

Fees: \$502.80

★ CFRE607 English-French Translation II

Prerequisite: CFRE 601 or placement test required (www.torontomu.ca/llc)

Students at this level are well-acquainted with all of the rules of French grammar. This course concentrates on making use of this knowledge through the development of a sound English-to-French translation methodology. Through exercises, students learn to express the same concepts naturally in the target language, without undue interference from the source language, using a variety of non-literary texts.

CFRE 607, CFRE 602, and CFRE 707 can be taken in the same term.

39.0 Hours

Fees: \$502.80

★ CFRE610 Cultural Context of Writing

*Prerequisite: CFRE 601 or placement test required
(www.torontomu.ca/l/c)*

This course complements FRE510 and is for students with a sound knowledge of French wishing to develop vocabulary and improve their writing. Through writing exercises, the course emphasizes clear explanation of French grammar, differences/parallels between written and oral French, use of precise terminology, and development of variety in writing style. Assignments are based on excerpts from essays, literary works, press articles, etc., chosen to illustrate styles and levels of contemporary written French.

39.0 Hours

Fees: \$502.80

★ CFRE701 French for Today

*Prerequisite: CFRE 601 or placement test required
(www.torontomu.ca/l/c)*

An advanced language course designed to improve significantly students' speaking, comprehension and writing skills through the analysis of contemporary issues and their representation in the francophone news media with an emphasis on journalistic and magazine writing. Topics broaden students' vocabulary, sensitize them to complex language structures and language registers. Oral presentations and debates focus on current events; students write short essays and work on a media-related project. All students must take an interview/placement assessment before enrolling in this course.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$502.80

★ CFRE707 Introduction to French-English Translation

*Prerequisite: CFRE 601 or placement test required
(www.torontomu.ca/l/c)*

This course, taught in French, is designed to improve significantly students' appreciation of the general difficulties of translation from French to English, through a study of the characteristics of expression in each language and of the way they pertain to the difficulties of translation. Through numerous translation exercises, students learn to express the same concepts naturally in the target language, without undue interference from the source language.

CFRE 707, CFRE 602, and CFRE 607 can be taken in the same term.

39.0 Hours

Fees: \$517.40

★ CFRE801 French and New Media

*Prerequisite: CFRE 601 or placement test required
(www.torontomu.ca/l/c)*

This advanced language course is designed to improve significantly students' skills through the analysis of contemporary issues in the Francophonie using new media. Topics broaden students' vocabulary, sensitize them to complex language structures and language registers. Oral presentations and debates focus on the representation of current events in a variety of media. Students write short essays and work on a new media-related project. All students must take an interview/placement assessment before enrolling in this course.

Note: All students must take an interview/placement assessment before enrolling in this course.

39.0 Hours

Fees: \$515.31

Language

☆ CLNG111 Language and Identity

Antirequisite: LNG 100

This writing-intensive course for ESL students explores how language use reflects social identities. Through academic readings, the course helps students improve their knowledge of written and spoken English and express themselves effectively, orally and in writing, at a university level. Students will analyze, discuss, and write essays. Enrolment subject to the online placement, English Proficiency, or Writing Skills Test results.

39.0 Hours

Fees: \$636.34

☆ CLNG112 Spoken and Written Language

Antirequisite: LNG 300

This writing course for ESL students introduces them to critical thinking about oral and written language. The topics include the nature of language, first and second language learning, and style of speech. Students analyze and discuss academic readings and write essays. Enrollment subject to the online placement, English Proficiency, or Writing Skills Test results.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & A and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$636.34

☆ CLNG113 Language and Public Life

Antirequisite: LNG 200

This writing course for ESL students focuses on how language is framed by institutional and cultural perspectives. Students analyze and discuss academic readings and write essays. This is the last and most advanced course in the LNG series for students whose first language is not English. Enrolment subject to the online placement, English Proficiency, or Writing Skills Test results.

39.0 Hours

Fees: \$636.34

Spanish

☆ CSPN101 Introductory Spanish I

Prerequisite: Placement test required (www.torontomu.ca/l/c)

This course for students with no knowledge of Spanish uses a communicative approach, emphasizing oral comprehension and expression without omitting the written aspects of Spanish. Students learn basics of grammar. Historical, social and cultural aspects of the Spanish-speaking world are introduced through the study of short readings. Not open to students who have completed Gr. 12 or OAC Spanish. All students must take an interview/placement assessment before enrolling in this course. New students who do not have a Toronto Metropolitan Student Number should Create a Student Profile and obtain a student number before completing the assessment.

Supplies and materials to be purchased by the student: Additional supplies and materials are required (cost TBA).

On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found in your course outline and/or on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$524.71

★ CSPN201 Introductory Spanish II

*Prerequisite: CSPN 101 or placement test required
(www.torontomu.ca/l/c)*

This course uses a communicative approach emphasizing oral comprehension and expression without omitting the written aspects of Spanish. Students develop their knowledge of the basics of Spanish grammar. Historical, social and cultural aspects of the Spanish-speaking world are introduced through the study of longer readings. All students must take an interview/placement assessment before enrolling in this course.

Supplies and materials to be purchased by the student: Additional supplies and materials are required (cost TBA).

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$515.31

★ CSPN301 Intermediate Spanish I

*Prerequisite: CSPN 201 or placement test required
(www.torontomu.ca/l/c)*

This course for students with a basic knowledge of Spanish uses a communicative approach to learning a new language. Students become increasingly familiar with complex sentence structures and with the vocabulary required for a good working knowledge of the language. Appropriate cultural readings and exposure to the Spanish-speaking world are integral parts of the course. All students must take an interview/placement assessment before enrolling in this course.

This course will require you to be online for live lectures at the scheduled time. There will also be some pre-recorded lectures. Class recordings will be available until the end of the exam period. More details will be included in your course outline available on the first day of class.

On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$515.31

★ CSPN401 Intermediate Spanish II

*Prerequisite: CSPN 301 or placement test required
(www.torontomu.ca/l/c)*

This course for students with an intermediate knowledge of Spanish uses a communicative approach to learning a new language. Students become increasingly familiar with complex sentence structures and with the vocabulary required for a sound working knowledge of the language. Appropriate cultural readings and exposure to the Spanish-speaking world are integral parts of the course. All students must take an interview/placement assessment before enrolling in this course.

Supplies and materials to be purchased by the student: Additional supplies and materials are required (cost TBA).

On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$515.31

★ CSPN402 Spanish Conversation and Pronunciation

*Prerequisite: CSPN 301 or CSPN 401 or placement test required
(www.torontomu.ca/l/c); Not available to native speakers of Spanish or advanced Spanish speakers.*

This PR/PE course is intended to enhance oral proficiency by focusing on vocabulary expansion, knowledge of syntax, auditive comprehension, and correct pronunciation and intonation. Some emphasis will be placed on the significance of linguistic registers and regional varieties of Spanish. Students will improve their Spanish through a range of oral practice activities including the analysis of audiovisual materials, films and plays as well as discussion of written texts from a variety of sources. All students must take an interview/placement assessment before enrolling in this course.

39.0 Hours

Fees: \$633.22

★ CSPN501 Advanced Spanish I

Prerequisite: CSPN 401 or placement test required (www.torontomu.ca/llc)

This course is for students who have achieved an intermediate level of fluency in Spanish and who wish to develop their listening comprehension, oral communication, correctness and spontaneity of expression, sensitivity to language registers as well as the written aspects of the language. Newspaper clippings, magazine articles and videos introduce students to various aspects of the Spanish-speaking world. A novel or play is studied, and short essays and commentaries improve writing and analytical skills. All students must take an interview/placement assessment before enrolling in this course.

Supplies and materials to be purchased by the student: Additional supplies and materials are required (cost TBA).

39.0 Hours

Fees: \$510.09

NEW!

☆ CSPN507 English-Spanish Translation I

Prerequisite: CSPN 601 or placement test required (www.torontomu.ca/llc)

Students at this level are well-acquainted with most of the rules of Spanish grammar. This course concentrates on furthering this knowledge through the development of English to Spanish translation techniques. Through numerous exercises, students learn to express the same concepts naturally in the target language, without undue interference from the source language. This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$515.31

★ CSPN515 Introduction to Business Spanish

Prerequisite: CSPN 601 or placement test required (www.torontomu.ca/llc/).

This course, offered in Spanish, is intended to introduce students with an intermediate level of fluency to the Spanish-speaking business world, through the study of realistic situations and specialized vocabulary. Students will study business documents such as letters, memos and job applications in order to have a sound knowledge of written business Spanish. They will use oral activities such as role play to develop their understanding of cultural business practices in Spanish speaking countries. All students must take an interview/placement assessment before enrolling in this course.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$502.80

★ CSPN601 Advanced Spanish II

Prerequisite: CSPN 501 or placement test required (www.torontomu.ca/llc/)

This course is for students who feel comfortable using Spanish, but who wish to perfect their listening comprehension, oral communication, correctness and spontaneity of expression, sensitivity to language registers as well as the written aspects of the language. Newspaper clippings, magazine articles and videos introduce students to various aspects of the Spanish-speaking world. A novel is studied, and medium-length essays and commentaries improve writing and analytical skills. All students must take an interview/placement assessment before enrolling in this course.

Supplies and materials to be purchased by the student: Additional supplies and materials are required (cost TBA).

On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$515.31

★ CSPN704 Latin American Culture I

Prerequisite: CSPN 601 or CSPN 804 or placement test required (www.torontomu.ca/llc)

This course, offered in Spanish, is designed to introduce students to South American culture. Literary works by authors such as Jorge Luis Borges, Gabriel Garcia Márquez and Luisa Valenzuela will be examined in relation to social and political themes in Latin American society. The study of painting, sculpture, cinema, music and popular culture from various countries will lead to an enhanced awareness of cultural diversity in South America. All students must take an interview/placement assessment before enrolling in this course.

39.0 Hours

Fees: \$517.40

★ CSPN804 Latin American Culture II

Prerequisite: CSPN 601 or placement test required (www.torontomu.ca/llc/)

This course is designed to introduce students to the culture of Mexico, Central America and the Spanish-speaking Caribbean. Literary works by authors such as Laura Esquivel, Carlos Fuentes and Nicolas Guillén will be studied in relation to social and political themes in Latin American society. The study of painting, sculpture, cinema, music and popular culture will lead to an enhanced awareness of cultural diversity in the Spanish speaking world. The language of instruction is Spanish. All students must take an interview/placement assessment before enrolling in this course.

39.0 Hours

Fees: \$517.40

★ CSPN810 Cultural Context of Writing

Prerequisite: CSPN 601 or placement test required (torontomu.ca/llc/)

Intended for students who need to improve their writing skills in Spanish, this course will study five major modes of writing: description, narration, exposition, argumentation and academic discourse. Students will engage in the in-depth analysis of texts from various sources: Spanish and Latin-American literature, journalistic writing, advertising, scholarly articles, etc. The course is structured in such a way as to help students understand the cultural complexity of the relationship between the writer and the intended reader. The language of instruction is Spanish. All students must take an interview/placement assessment before enrolling in this course.

39.0 Hours

Fees: \$517.40

Workplace Communication in Canada (WCC)

❖ CDCE700 Effective Speaking and Listening

Department Consent Required

This course is designed for international professionals who require improvement of their oral communication in the workplace. The course will offer classes of highly experiential activities using real life Canadian workplace activities. Participants will improve their fluency, clarity, and overall oral communication skills in a supportive and creative learning environment.

39.0 Hours

Fees: \$736.25

❖ CDCE720 Client-Centred Communication

Department Consent Required

This course is designed to help international professionals explore and practice client-focused behaviours common to the Canadian workplace in a safe environment fully supported by professional coaching. Through practical simulations and case studies, participants will practise strategies of dealing with common client-related situations and situations and conflicts while applying relevant information, research and documentation methods, as all as problem solving and effective verbal and non-verbal communication.

39.0 Hours

Fees: \$736.25

❖ CDCE855 Wrkplace Comm for IT Professionals

Developing effective communication skills for the Canadian workplace is important for internationally educated IT professionals; it enables them to establish better working relationships with their co-workers and clients. Students will learn and practice how to negotiate and influence others, work in diverse teams, deliver presentations, etc. They will learn how to express ideas clearly and sensitively to avoid misunderstandings, while creating a more satisfying work environment for themselves and others.

150.0 Hours

Fees: \$565.00

CDCE955 Wrkplace Comm for Fin Serv Pros

Developing effective communication skills for the Canadian workplace is important for internationally educated Financial Services professionals; it enables them to establish better working relationships with their co-workers and clients. Students will learn and practice how to negotiate and influence others, work in diverse teams, deliver presentations, etc. They will learn how to express ideas clearly and sensitively to avoid misunderstandings, while creating a more satisfying work environment for themselves and others.

35.0 Hours

Fees: \$565.00

COMMUNITY WELL-BEING AND SAFETY

Child and Youth Care

★ CCYC405 Therapeutic Foundations

This course is an introduction to the therapeutic philosophies and foundational processes of child and youth care practice. The student will gain knowledge of the language, theories and practices involved in the change process. Emphasis is placed on critical analysis, evidence-based as well as reflective practice, relative to the values, beliefs and assumptions of the student as well as the children, youth and families being served and how this informs professional practice.

39.0 Hours

Fees: \$629.01

★ CCYC406 Therapeutic Life-Space

This course provides a theoretical exploration of therapeutic life-space intervention as the central concept in working with children and youth in today's global context. The core of child and youth care practice is to be with young people where they are living their lives. This course introduces therapeutic life-space as a unified concept with physical, mental, relational, and virtual dimensions centred on the young person's interactions with life, place, space, and time. This contemporary conceptualization of therapeutic life-space reflects changes in social conventions, technology, and evolving cultural diversity.

39.0 Hours

Fees: \$629.01

★ CCYC905 An Indigenous Perspective on CYC

This course addresses the history of abuse and oppression that continues to impact on the wellbeing of Aboriginal children, youth and families. Students will be presented with approaches to working with Aboriginal young people that are culturally sensitive and draw on Aboriginal ways of being. From this course, it is hoped that students will be able to enrich their practice by gaining an understanding of partnership models for care, intervention and service delivery.

39.0 Hours

Fees: \$587.31

🔗 CVCY300 Experiential Learning 1

The course requires students to be involved in a paid or unpaid job placement or contract with direct contact with young people, their families and/or their communities over a 13-week period. Students are required to attend an online seminar session for one hour per week with a Chang School instructor, as well as any training or professional development as part of their paid or unpaid job placement or contract in their community.

39.0 Hours

Fees: \$647.01

🔗 CVCY400 Experiential Learning 2

Prerequisite(s): CVCY300

In this follow-up to CVCY300, students deepen their practice in their communities within existing paid or unpaid placements/contracts over a 13-week period. The placement/contract can be a continuation of their previous job placement (CVCY300) or a new placement with direct contact within their communities that meets the criteria. Students will attend a one hour online seminar each week with a Chang School instructor, as well as any training provided through their community placement.

39.0 Hours

Fees: \$647.01

Disability Studies

★ CDST504 Mad People's History

Antirequisite: CDST 500

This course will provide an overview of the history of madness from the point of view of people who were, and are, deemed "mad". The purpose of this course is to place the diverse perspectives of people diagnosed as mad, insane or mentally ill as being of central importance in the history of psychiatry, and to address the question: how madness has been viewed by mad people over the centuries. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CDST506 Principles and Practices of Accessibility

The Accessibility for Ontarians with Disabilities Act (AODA) mandates development of enforceable accessibility standards for businesses and organizations to identify, remove and prevent barriers to accessibility. This course is for those seeking specialized knowledge of the AODA, accessibility issues and implementation. It covers understandings of disability, issues giving rise to the Act, disability activism and a critical analysis of the new accessibility standards for customer service, built environments, employment, information and communications and transportation.

Students who are unable to attend the presentation day should contact the instructor directly at ce@ryerson.ca to make alternate arrangements.

39.0 Hours

Fees: \$587.31

Disaster Emergency Management

★ CSCI230 Emergency Management Practice

This course provides an introduction to the basic concepts of emergency management with core elements common to all provinces and territories across Canada. A series of principles will be introduced with reference to current practice. This course provides an introduction to the legal basis for Emergency Management nationally, regionally, and locally. The course is designed for participants from all levels of government, emergency measures/management coordinators, and/or planners, emergency responders, volunteers, private sector representatives.

39.0 Hours

Fees: \$775.47

★ CSCI232 Incident and Operations Management

This course prepares emergency management practitioners to carry out their roles as members of an Emergency Operations Centre (EOC) team. This course presents strategies for effective management and coordination of overall operations within their communities during a multi-service response to an emergency. In addition, participants will be introduced to the Incident Command System that provides responders and supporting agencies with a standardized method of managing any kind of emergency incident. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently. Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$775.47

★ CSCI234 Analysis of Critical Incidents

In this course students will gain an understanding of Operations in relation to EM practice. The range of potential actions is introduced during the pre-impact and impact phases of an emergency. Current legislation, emergency prevention, communications during emergencies, current pre-impact arrangements, the roles, responsibilities, and authority of the Emergency Services and specifically what actions could be taken during the impact phase of an emergency/disaster will be discussed in relation to several case studies. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$775.47

★ CSCI243 Continuity and Risk Management

This course presents the principles, structures, and processes of risk management. Methods for applying general risk management theory, best practices and resources to the different phases of emergency management will be discussed. Emphasis is placed on the application of risk management strategies in mitigating and preparing for disasters and major emergencies. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$775.47

Early Childhood Studies

☆ CCLD307 Cognitive Development

Prerequisites: (CLD 103, CPSY 102, CLD 262) or Direct Entry or in Language and Intercultural Relations Program

This course explores the development of young children’s thinking and learning. A critical analysis of cognitive theory and research and their relevancy to instructional practice will provide students with an in-depth understanding of early thinking and learning processes. The role of the professional in early learning contexts and the guidance of children’s cognitive growth will be examined. Topics of discussion include the development of attention, memory, symbolic representation, reasoning, problem solving, social cognition, cultural perspectives and individual differences. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$583.14

☆ CCLD314 Literacy in the Early Years

Prerequisite: (CLD 212 and CLD 262) or Direct Entry

This course examines literacy learning for children birth through 8 years in the context of equity, social justice and diversity. Students examine theoretical foundations of early literacy learning including: ways to develop oral and print literacy, family literacy practices, home languages, book genres, approaches to teaching and learning and strategies for critical literacy. Concepts of multimodalities and multiple literacies are explored to broaden the notion of what is literacy in the 21st century.

39.0 Hours Fees: \$583.14

☆ CCLD315 Creative Arts II

Prerequisite: (CLD 215 and CLD 262) or Direct Entry

This course focuses on critical and reflective approaches to developing music, movement, and drama learning opportunities for young children in a context of equity, diversity, and inclusion. The course takes a hands-on, inquiry-based, experiential approach to creative arts, with the expectation that students will engage in learning as a creative exploration of lived experience in relation to the creative arts. The Internet component of the Spring/Summer Classroom/Internet offering reflects the scheduling of the mandatory pre-course reading.

Students must enrol in this course prior to the last Friday of the Internet component.

39.0 Hours Fees: \$583.14

☆ CCLD317 Concept Development in Math

Prerequisite: (CLD 212 and CLD 262) or Direct Entry

Students examine how young children ages birth to 8 understand and engage in mathematical knowledge, concepts and processes. Students explore and critique different theories of mathematical approaches to learning, such as inquiry-based models. Experiences designing and teaching lessons, creating physical and social environments to promote mathematical thinking, and assessing children’s’ knowledge and skills encourage positive attitudes toward mathematics in the learning environment.

39.0 Hours Fees: \$583.14

☆ CCLD322 Research I: Methods

Prerequisite: (CPSY 102 and CLD 262) or Direct Entry

This course provides students with an understanding of scientific research methods as they relate to the field of early childhood education. The course examines a variety of quantitative and qualitative methodologies and covers the various components of research from the formulation of research questions to the analysis and interpretation of data.

39.0 Hours Fees: \$583.14

☆ CCLD323 Research II: Applications

Prerequisite: (CCLD 322 and CLD 262) or Direct Entry

This course extends and applies the materials covered in Research I. Students formulate, carry out, write up, and present a research project of their own design in the field of early childhood education. Students also have the opportunity to analyze and critique each other’s projects and to evaluate a variety of research approaches. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$583.14

☆ CCLD332 Families in Canadian Context II

Students examine diversity in race, ethnicity and culture within Canadian society and move toward an understanding of how these factors shape family values, family forms, child rearing and parenting practices, and family expectations for their children. They examine the potential for conflicting expectations between families and educators/ caregivers from the dominant culture. Concepts of race, racism, and ethnic relations are studied in the context of globalization, migration, refugee and settlement experiences. Policies, practices and legislation on immigration and settlement are also examined. Students engage with a family in the community as part of the course.

39.0 Hours Fees: \$583.14

☆ CCLD342 Assessment for Programming

Prerequisite: (CLD 241 and CLD 262) or Direct Entry or enrolled in Disability Studies

This course examines approaches to assessment and evaluation of children’s development with attention to children with disabilities and children-at-risk, from birth to eight years. Students use formal and informal screening and assessment tools to develop individualized programming for young children, to address a range of developmental needs in a variety of early childhood settings. A conceptual framework for assessment and programming skills in designing an individual program plan are concrete outcomes of this course. A prerequisite may be waived if the student has specific professional experience. Students pursuing the Early Childhood Mental Health and Well-Being course series who do not have the prerequisite and who wish to take this course may apply for Department Consent.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$583.14

☆ CCLD363 Field Education III

Prerequisites: (CLD 241 and CLD 262) or Direct Entry; Corequisite: CCLD 342

Students continue to apply their knowledge and skills with children who may have identified disabilities, or for whom the program requires accommodations and/or modifications. Placements include settings with a focus on inclusive practice, such as the Toronto Metropolitan University Early Learning Centre, Gerrard Resource Centre, primary classrooms and specialized programs. Weekly seminars support the placement experience. Discussions focus on inclusive practice, planning and implementing responsive learning activities, developing supportive relationships, and collaboration with the educator team. This course is graded on a pass/fail basis.

Placements are available in fall, winter, and spring/summer terms. For scheduling information, visit www.torontomu.ca/ecs/student-resources/undergraduate/field-education/third-year-field-placement-part-time-program/. Students must attend a mandatory information session and obtain permission of the School of Early Childhood Studies. The School will enrol students directly and start and end dates will be determined in consultation with the field education coordinator. Students must meet published criteria to be eligible for distance option. For specific information regarding the distance option requirements, visit www.torontomu.ca/ecs/student-resources/undergraduate/field-education/distance-field-placement-part-time-program/.

78.0 Hours Fees: \$587.31

☆ CCLD415 Concept Development in Science

Prerequisite: CLD 212 or Direct Entry

This course employs a project-based approach to the exploration of how young children develop skills and concepts in science. Students learn about scientific thinking, how to encourage science exploration, and how to support children’s scientific inquiry from various perspectives, including Aboriginal, constructivist, reconceptualist, and the Reggio Emilia approach. Students will learn about design and creation of learning environments, projects and assessment tools that advance children’s knowledge and skills development. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$587.31

☆ CCLD419 Children and Technology

Prerequisite: CLD 212 or Direct Entry

This course explores forms of knowledge media in children’s lives and learning environments. Students will critically examine the use and misuse of digital technologies in teaching and learning, develop a working knowledge of online learning technologies, and acquire techniques for assessing various forms of knowledge media intended for early-years educators and children from infancy to age eight. The course will engage students in rethinking technology in relation to teaching and learning with young children. Enrolment in this course is restricted to undergraduate students of the Ryerson School of Early Childhood Studies and those with instructor permission.

39.0 Hours Fees: \$587.31

☆ CCLD442 Infant Mental Health

Prerequisites: (CLD 231 and CCLD 342) or (Direct Entry and CCLD 342)

This course builds on previous child development courses for a detailed examination of the development of infants and toddlers. Students explore applications of developmental theory to identify and assess infants and toddlers, including those who may benefit from early intervention. Family empowerment intervention models are studied for all families with infants and toddlers. Cultural and economic contexts are stressed to assure responsiveness to diverse family models.

39.0 Hours Fees: \$587.31

☆ CCLD444 Therapies for Young Children

Prerequisite: CCLD 342

Students critically examine the theoretical foundations for therapeutic interventions. A range of intervention models and applications of techniques are explored including therapies in play, art, music, drama and language. Prerequisite: CLD 342

39.0 Hours Fees: \$583.14

★ CCLD445 Inclusion and Consultation

Prerequisite: (CCLD 342 and CLD 262) or in Disability Studies

This course examines the changing paradigms of service delivery in early intervention and special education for young children experiencing disability and diversity in development and their families. Inclusive models of service delivery are explored including collaborative and consultative models currently in use in infant development programs, regulated child care and early primary classrooms. Students consider educational change processes, consultation skills, public policy, interdisciplinary team collaborations, and teaching strategies in inclusive classrooms.

39.0 Hours

Fees: \$587.31

☆ CCLD446 Children and Chronic Illness

Prerequisites: CCLD 342 or CYC 605

This course examines the impacts of chronic illness on the development of young children. Theoretical frameworks and current research from developmental paediatrics are explored and critically evaluated. Specifically, young children's adaptation to illness and hospitalization will be analyzed through case study examples and problem solving exercises. The role of the child life specialist and evidence-based practice is addressed with particular emphasis on interventions aimed at ameliorating the impact of illness. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$617.57

CCLD454 Policy in ECEC

This course introduces students to the development of social policy in Canada with a particular focus on the care and education of young children. The roles of federal, provincial and municipal governments, advocacy, social movements, as well as the sociopolitical and economic context are explored in reference to policy successes/failures. This course challenges students to connect their micro-level experiences as students of early childhood studies to the broader macro social and political context of which they are a part. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

☆ CCLD464 Field Education IV

Prerequisite: CCLD 363 and CLD 262

In their final field education course, students take initiative to find an internship which emphasizes their ongoing professional learning and prepares them for future employment and/or further academic studies. This may include field and or research experiences in a broad range of geographic locations such as local, provincial, national and international sites. The weekly seminar component of the course supports the students' internship experience. This course is graded on a pass/fail basis.

Note: Placements are available in fall, winter, and spring/summer terms. For scheduling information, visit www.torontomu.ca/ecs/student-resources/undergraduate/field-education/fourth-year-field-placement-part-time-program/. Students must attend a mandatory information session and obtain permission of the School of Early Childhood Studies. The School will enrol students directly and start and end dates will be determined in consultation with the field education coordinator. Students admitted prior to 2005 are required to complete CCLD 262 prior to CCLD 464. Students must meet published criteria to be eligible for distance option. For specific information regarding the distance option requirements, visit www.torontomu.ca/ecs/student-resources/undergraduate/field-education/distance-field-placement-part-time-program/.

78.0 Hours

Fees: \$587.31

Family Studies

☆ CFNF400 The Social Context of Human Sexuality

This course examines the social basis of attitudes and behaviour related to human sexuality. By applying knowledge gained from the study of current research and theory, students will increase their understanding of the roots of societal norms and values related to sexuality and in the process they will have an opportunity to expand their own awareness of the range of sexual values and behaviour. Some of the areas to be considered are: premarital, marital and non-marital sexuality; sexuality and liberation; sexuality and interpersonal relations; sex codes and personal codes; sex and gender role socialization, etc. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

Family Supports

★ CVFS401 Contemporary Family Issues

This course provides students with a foundation in the theoretical frameworks used to study families. Canadian research is highlighted and topics include: historical perspectives on families, the diversity of family forms; dating; family formation; parenting issues; separation and divorce; family re-formation, mid-life and aging families, same-sex, immigrant, visible minority and aboriginal families, and domestic division of labour; work and family life; power and violence; and, social class with particular attention paid to families living in poverty. Equivalent to CLD 231.

39.0 Hours

Fees: \$587.31

★ CVFS403 Family Supports Theory and Practice

This course provides a conceptual framework for examining the principles and practice approaches of family resource and support programs. A variety of perspectives are used to explore the needs of families and caregivers in the context of the community, public and non-profit programs and government policy. Students have the opportunity to apply theory to practice in a community setting. Theories of social support and empowerment are examined as fundamental components of family support. Students explore ways to integrate early childhood education theory and family support into community-based programs. Equivalent to CLD 435. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

Food Security

★ CFNY400 Selected Topics in Food Security

Prerequisite: CFNY 403

Course theme will vary. Topics will include sustainable food production, income security and food security, and case studies in food security. Students should contact the Academic Coordinator, Reg Noble at food@torontomu.ca as early as possible before enrolling in the course to allow time for an independent program of study to be organized.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$583.14

★ CFNY403 Food Security Concepts and Principles

The continuing reality of hunger and the unsustainable nature of current social, economic and food systems, both locally and globally, make food security an essential concern. This course introduces students to the concepts, programs and policies of food security, in Canada and internationally, with emphasis on the contribution of income, employment, social assistance, urban planning, and food production and distribution systems to finding solutions to food insecurity. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$583.14

★ CFNY404 Food Policy and Programs for Food Security

Antirequisite: CFNP 250

This course explores the development and analysis of food-related policy instruments and responses. Basic food economic concepts are introduced. Global as well as local issue in food production, processing, distribution, and consumption are explored. Topics include food prices and food policy analysis; agricultural subsidies; international trade; and food interventions. Students will also develop an understanding of the overall effect of income, policies, markets and prices as they affect food security.

39.0 Hours

Fees: \$583.14

★ CFNY405 Applied Research Methods and Evaluation

Prerequisite: CFNY 403

This course offers information on conducting and evaluating research for food security. The course will examine different attempts to conceptualize and operationalize food security and insecurity at the individual, household, community and national levels; will introduce some methodological insights from social sciences useful for conducting research on food security; and will present tools for planning and managing project and program evaluation. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$583.14

★ CFNY407 Community Development and Food Security

Prerequisite: CFNY 403

This course looks at the importance of sustainable community development for food security, and how community-based food and nutrition projects can promote economic development. While income-generating projects can have an immediate impact on individual and household food security, food security projects contribute to community development through their impacts on the formation of human and social capital. Cases from around the world will be used as examples.

39.0 Hours

Fees: \$583.14

★ CFNY408 Urban Food Security

Prerequisite: CFNY 403

The question of food security is a particular concern for urban populations as almost half of the world's population now resides in cities. Ensuring safe and affordable food for urban populations is a real challenge even for advanced industrial economies, and even worse for developing countries where resources are limited and poverty rates exceed 50 percent. This course will examine the unique challenges of creating food security in urban areas.

39.0 Hours

Fees: \$583.14

★ CFNY409 Gender and Food Security

The course explores the links between gender and food security, starting with a discussion of the concept of gender and a critical historical review of the Women's Movement. Contemporary issues, such as gender roles, social exclusion, resources, control, and labour, are examined, as well as the use of gender analysis and tools. The importance of agency and the effects of public policies and actions on gender equity are studied through case studies from around the world.

39.0 Hours

Fees: \$583.14

★ CFNY510 Indigenous Food Systems in Canada

The course introduces students to Indigenous Peoples' food, nutrition, and health issues. Using the concept of food security as a framework, food availability, accessibility, adequacy, and acceptability will be discussed in the context of historical and current Indigenous food systems. Through lectures and class discussions, topics covered include:

colonization and reconciliation; Indigenous worldviews; oral history and food; traditional foods; the social determinants of health; emerging health trends; food policy, community nutrition, and Indigenous food sovereignty. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$582.96

NEW!

🌱 CVFN400 Practicum/Project in Urban Agriculture

Course themes will vary. Experiential learning about sustainable urban food production at an urban farm sites, exchange programs with partner programs in other cities, and in-depth independent studies, are some of the possibilities that students are encouraged to explore.

39.0 Hours

Fees: \$616.89

🌱 CVFN410 Understanding Urban Agriculture

Millions globally practise urban agriculture, with governments and civil society organizations increasingly promoting it to enhance urban food security, health, community building, sustainable livelihoods, and environmental management. This course expands the understanding of urban agriculture, its main types and dimensions, its potential impacts, the constraints and opportunities facing it, the stakeholders involved in it, the historical contexts shaping it, and the local, regional, and international development trends bearing on it. This course has been developed in partnership with the RUAF Foundation in the Netherlands.

39.0 Hours

Fees: \$616.89

🌱 CVFN411 Dimensions of Urban Agriculture

This course describes the dimensions (functions, roles, benefits, potential risks) of urban agriculture and how these complement, supplement, compete with, substitute for, or undermine those provided by other land uses, sectoral activities and actors. The main dimensions covered are: health and food security, socio-cultural dimensions, economic dimensions, and environmental dimensions. Two well-documented case studies will be used throughout the course to highlight each dimension separately, before bringing them all together. This course has been developed in partnership with the RUAF Foundation in the Netherlands.

39.0 Hours

Fees: \$616.89

🌱 CVFN412 Practicing Urban Agriculture

There are many different types of urban agriculture. How are such types practiced in different contexts by different people? This course will feature multiple forms of urban agriculture, serving multiple functions. The motivation and methods employed to develop these different types will be explored. Entrepreneurial approaches will be emphasized, including social enterprises. Specific lenses will be applied, including gender and sustainability. Course modules will incorporate business planning and managing community relations. This course has been developed in partnership with the RUAF Foundation in the Netherlands.

39.0 Hours

Fees: \$616.89

🌱 CVFN413 Urban Agriculture Policy-Making

This course discusses participatory policy formulation processes leading to sustainable development and institutionalisation of urban agriculture. It starts discussing tools and methodologies for analysing stakeholders, farming systems, land uses, and regulatory frameworks. Next steps involve strategic planning, followed by the formulation of action projects and policies and their implementation (considering contrasting disciplinary perspectives), and finally, monitoring and evaluation. The course highlights lessons from a wide array of cities around the world. This course has been developed in partnership with the RUAF Foundation in the Netherlands.

39.0 Hours

Fees: \$616.89

🌱 CVFN420 Green/Natural Infrastructure

Through online lectures, guest speakers, interactive modules, virtual site tours, and independent activities, students will gain core knowledge about green/natural infrastructure practices such as street tree planting, green roofs, rainwater harvesting, bioswales, and bioretention plantings. Topics to be covered include: ecosystem services (including social and economic); triple-bottom-line cost benefit-analysis and natural assets infrastructure valuation; the evolution of urban stormwater management leading to nature-based solutions; and Indigenous engagement and conservation efforts that tie to this work.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$629.01

Interdisciplinary Studies

★ CINT555 Special Topics in Interdisciplinary Studies

This course gives students the opportunity to examine a particular set of social issues from a range of disciplinary perspectives. With the aid of this interdisciplinary approach, students come to appreciate how findings from different methods of social enquiry can be combined to produce fresh insights and new models of practice. The particular theme, topic and structure of the course will vary in response to current social trends and student interest.

39.0 Hours

Fees: \$587.31

★ CINT900 Program Planning and Evaluation Strategies

This course will examine methods of program planning and evaluation that are applicable to health promotion practice. Students will study frameworks for planning human service programs and how evaluation is used for assessment of program effectiveness, for improvement of programs and for guiding resource allocation and policy development. (Formerly IST 900.) This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CINT901 Gerontology: Critical Issues and Future Trends

This course will assess the influence of Canadian and world demographic trends on the community services for the elderly; assess the influence of recent Canadian research in the field of aging on the community services of the future; examine innovative and traditional programs administered both by government and private agencies in the Western industrial countries and evaluate their relevance for Canada. (Formerly IST 901.) This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CINT902 Disability Issues

This course examines disability issues within a socio-political context. Such a perspective contends that it is not the specific type of disability condition which is the major source of disadvantage to the individual but the response that this condition evokes from the larger society. This course will challenge some of the traditional (and damaging) assumptions made about the needs of people labelled as being disabled and will present a framework for policy and practice designed to

promote empowerment and inclusion. (Formerly IST 902.) This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$583.14

★ CINT904 Health Promotion and Community Development

Students will be introduced to the history and development of health promotion and will examine health determinants from environmental, cross-cultural, psychosocial and biological perspectives. The focus will be on the exploration of health promotion strategies which incorporate community development, popular education and social marketing models. (Formerly IST 904.) This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CINT905 Conflict Resolution in Community Services

Antirequisites: CINP 914 and SWP 924

Professionals in a wide range of disciplines are likely to encounter situations which are fraught with conflict, whether the issue is dealing with community opposition to the development of a new facility, developing environmental standards, allocating limited resources to meet emerging societal needs or dealing with the conflicting demands and expectations of different stakeholders. This course is designed to enable students to develop consensus-building strategies that produce agreements that everyone can live with. The course utilizes case materials and examples drawn from different disciplines. (Formerly IST 905.) This course is part of the Interdisciplinary Conflict Resolution and Team Building Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

This course is offered as a 5 day intensive online and also a 5 day intensive in the classroom.

Note for Intensive Online sections only: *intensive section(s) of this course, scheduled for delivery over a 5 day period, will require students to be online at various times throughout each day, and may include additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.*

39.0 Hours

Fees: \$587.31

★ CINT906 Sexuality: Power and Pleasure

This survey course examines the societal basis of attitudes and behaviours related to human sexuality. Students will be introduced to research and theoretical concepts in the literature that contributes to our understanding of sexuality. Sexuality is recognized as a complex and multi-dimensional component of human identity and experience, mediated and influenced by social constructs of gender, race, ethnicity, disability, sexual orientation, age and socio-economic opportunities. The course promotes critical self and social consciousness through challenging sex-negative religious traditions, institutional regulation/control of sexuality, and gender socialization including patriarchal family structure. Some of the topics to be considered are sexuality across the life course; sexuality and liberation; intimacy, love and relationships; sex and gender role socialization; sex, violence and the law, sex as a commodity and AIDS and sexual behaviour. (Formerly IST 906.) This course is offered as a 5 day intensive online and also a 5 day intensive in the classroom.

Note for Intensive Online sections only: *intensive section(s) of this course, scheduled for delivery over a 5 day period, will require students to be online at various times throughout each day, and may include additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.*

39.0 Hours

Fees: \$583.14

★ CINT907 Team Work for Community Services

This course explores team practice in community services professions, as they transform practice to serve the needs of all stakeholders. The creation of new approaches to work with clients will be an outcome of the course. Theories of multidisciplinary, interdisciplinary and transdisciplinary team work will be presented. Different disciplinary perspectives will be respected and applied. Course methodology will allow the participants to model the theories and applications that form the core of the course. (Formerly IST 907.) This course is part of the Interdisciplinary Conflict Resolution and Team Building Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Note for Intensive Online sections only: *intensive section(s) of this course, scheduled for delivery over a 5 day period, will require students to be online at various times throughout each day, and may include additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.*

39.0 Hours

Fees: \$583.14

★ CINT908 Homelessness in Canadian Society

This course offers an interdisciplinary approach to understanding the complex problem of homelessness. Drawing on literature from Canada and the U.S., issues which underlie homelessness, the various ways in which these may be manifested, the ever changing characteristics of these populations, and the policy responses aimed at resolving issues are explored. The current state of statistical information, the views of frontline service providers and advocates, and the differing paradigms embedded in the various disciplines represented will form the basis for debate and shared learning. (Formerly IST 908.) This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CINT910 Indigenous Peoples, Pol and Reconciliation

The course introduces perspectives on Indigenous Peoples in Canada through an examination of policy. Central to this course is the study of Indigenous Peoples experience with colonialism, such as the residential school system and child welfare, as well as the struggle for self-determination. Indigenous worldviews and developing partnerships/alliances with Indigenous communities will also be explored. Students will be expected to critically examine these topics from the perspective of their discipline/profession. This course will run during the Fall and Winter breaks.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CINT911 International Community Development

This course will introduce the student to the challenges of sustainable community development in the developing world. The course begins with a broad exploration of the meaning of development and under-development and its relevance to Asia, Latin America, Africa and the Middle East today. This course will also explore various approaches which have been used in local, bottom-up developments as well as some tools which are now available to assist the community development facilitator. (Formerly IST 911.) This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CINT913 Issues of Migration

This course examines the main concepts and issues in contemporary migration studies by employing historical and international perspectives. The course will examine the Canadian response and the evolution of a post-war system implemented to deal with refugees and immigrants. Case studies of immigrants to Canada and to other parts of the world are used to illustrate theoretical concepts and to promote an understanding of the contextual nature of contemporary migration processes. Comparisons with other societies such as Australia, the United States and to the European Union will be discussed. The course will use a critical social sciences approach to address the implications of the North-South, and South-South relationship in the creation of refugees and immigrant populations. This course is part of the Immigration and Settlement Studies Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CINT914 Settlement Experiences

This course examines the settlement processes experienced by new immigrants and refugees. The course discusses the different forms of resettlement, receptions, repatriation, social capital and human capital. It will also discuss the theoretical approaches to citizenship, nationalism and multiculturalism. The course introduces the intersection of race, gender, class and citizenship. It reviews current debates regarding settlement policies and services provided to different classes of immigrants. This course is part of the Immigration and Settlement Studies Course Series.

39.0 Hours

Fees: \$587.31

★ CINT915 Responses to Migration

The focus of the course will be on the determinants of responses to migrants and migration through an examination of topics including racism, the media, legal status, services available to newcomers, education and credential recognition, and issues of housing discrimination. The goals of this course are to familiarize students with factors known to contribute to negative or positive responses to migrants and migration. In addition students will learn to apply these factors to important practical issues in a critical and reflective manner such as understanding trends over time in migration attitudes and looking at present strategies that may be utilized to improve responses to migrants and migration. This course is part of the Immigration and Settlement Studies Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CINT916 Introduction to Fundraising

This course provides a view of the Canadian voluntary sector and its organizations, as well as an introduction to concepts and issues related to the practice of fund development. This comprehensive overview also acts as a knowledge base for subsequent, in-depth study of the various aspects of fund development. The concept of philanthropy and various fund development approaches will be explored. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CINT917 Interprof. Ed. for Community Development

When citizens become involved in the development of their communities, the processes are distinct from state or private led development. Participatory and community-centered development requires planning, organizing and power sharing across community and professional groups. In this course, learners will be introduced to an Interprofessional Education (IPE) process for Community Development. In an IPE process, learners navigate varying professional and disciplinary perspectives, complexities of shared decision-making, implicit and explicit power dynamics and reflect on group process. This course is offered as a 5 day intensive online and also a 5 day intensive in the classroom.

For Intensive Online sections only: *intensive section(s) of this course, scheduled for delivery over a 5 day period, will require students to be online at various times throughout each day, and may include additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.*

39.0 Hours

Fees: \$587.31

★ CINT920 Community Collaborations

This interdisciplinary course will assist students and practitioners in developing knowledge and skills required in multi-sectoral community collaborations. The course provides an overview of collaboration while reviewing common factors influencing success. Collaborative processes will be examined including: community engagement and mobilization, strategic planning and implementation, governance, leadership, communications, and evaluation. Examples of community collaborations, community hubs, community development projects and urban collectives that improve outcomes for children and youth through to older adults are explored. This course is part of the Interdisciplinary Conflict Resolution and Team Building Course Series.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CINT921 Writing Bodies Differently

This interdisciplinary course brings together novice and experienced learners from various backgrounds to explore disability/the body, and to experience response writing, social media writing, creative writing, and creative nonfiction. This course attends to writing as a form of investigation, expression, inquiry, resistance, and solidarity. Students explore how writing changes depending on context, and engage in the experiential actions of investigating their topic of choice, re-writing, editing, and exploring different representational forms as an activism method. This course is part of the Interdisciplinary Conflict Resolution and Team Building Course Series.

39.0 Hours

Fees: \$587.31

★ CINT922 Introduction to Indigenous Worldviews

An introduction to Indigenous worldviews in Canada with reference to Indigenous worldviews globally. Students will be introduced to Indigenous perspectives, values and spirituality. It includes an exploration of what constitutes “valid” knowledge, how knowledge shapes identity and how it influences the lives of Indigenous Peoples today. The role of worldviews as the basis of social justice and transformative change with the message that Indigenous knowledges can be of value to all people of the world. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.02

★ CINT923 Canada’s Story: An Indigenous Perspective

This course will explore the background of Indigenous Peoples from the time of creation, through the processes of colonization, its present impacts and resistance to such impacts. It will address the arms of colonization such as the Indian Act, residential school system, child welfare and education. Indigenous Peoples’ survival, resistance and healing will also be a major component to this course. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.02

NEW!**★ CINT930 Aging: From Cells to Society**

This course examines and critiques issues and concepts associated with aging and older adults from the individual/physiological and the social/structural perspective. Topics include the physical and cognitive changes with aging, along with issues related to diversity, social support, aging-in-place, leisure, work and retirement, healthcare and technology. Through interdisciplinary course discussions and analysis of case studies, students will develop their knowledge and build capacity to respond to the needs of an aging population. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

NEW!**★ CINT935 Ethical/Legal Frameworks in Aging**

Demographic changes mean that most disciplines and professions will work with older adults. This course introduces students to key ethical and legal aspects of working with older adults and how to manage them. Topics include the rights of older adults, informed consent, advance care planning, mental capacity, dementia, disability, and caregiving. Students will develop their capacities for navigating legal and ethical challenges in practice and to support and safeguard the rights of older adults. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

NEW!**★ CINT940 Mobilizing Research for Change**

Across disciplines and professions there is an emphasis on evidence-informed practice and policy. Through an introduction to quantitative and qualitative research methods, this course develops students' skills for finding and critically analyzing research evidence to inform change. Students will identify a practice/policy issue of their own interests, find and appraise research evidence, and strategize to mobilize knowledge for change. Course discussions focus on aging and older adults, but the skills are transferable across disciplines. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

NEW!**★ CINT945 Technology and Aging Populations**

This course investigates technology and aging. It examines the potential of technology to improve health and societal outcomes for aging populations. Course materials focus on technological innovation, design, access, and use patterns of older adults in relation to health and well-being, social inclusion, aging-in-place, caregiving, the workforce, leisure, and mobility. Students will mobilize theory and knowledge to analyze the potential of 21st century technologies to address challenges and further opportunities to support healthy aging and well-being. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently. Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

NEW!**★ CINT950 Practicum/Project in Gerontology***Department Consent Required*

This course is designed to mobilize students' theoretical and substantive knowledge in aging and gerontology through an applied project. Students will work in a placement or on a project of interest to them in the field of aging/gerontology to gain experience in working with older adults and to support current or future career goals. Learning is facilitated through a variety of teaching modes, including sustained contact with the course instructor. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

NEW!**★ CINT960 Leadership Framework for Community**

This course explores a framework of key leadership practices from leading oneself (personal values, integrity, authenticity and trust) through to leading within one's community. Themes include: emotional and social intelligence, vision, communication, leading change, experimentation, execution, collaboration, motivation, progress and goals. This course provides both theoretical principles (foundational leadership approaches and concepts) and practical application. As students range from diverse backgrounds and experiences, significant development will occur through respecting and learning from various interdisciplinary perspectives.

39.0 Hours

Fees: \$587.31

NEW!**★ CINT962 Foundations of Student Affairs Practice 1**

Through holistic, anti-oppressive, and adult-learning frameworks, a variety of student support and student-facing professionals from college and university campuses will co-create a learning community in which they will articulate their personal foundations as Student Affairs professionals; explore the practical skills, values, and knowledges related to Student Affairs; grapple with the implications of colonization for Canadian higher education; discover new perspectives; and become empowered to transform their practice to be more inclusive, equitable and student-centred.

This course will require you to be online for live lectures at the scheduled time. There will also be a limited amount of pre-recorded material. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

NEW!**★ CINT965 Sex, Drugs and Incarceration***Antirequisites: CINT 900, CPPA 402, CSWP 932*

This interdisciplinary course will employ a popular education framework to explore the tensions between criminalization and harm reduction with respect to illicit substance use, sex work and incarceration. Current qualitative and quantitative research, both Canadian and international in scope, community agencies, advocates and first-person accounts will be drawn upon to explore topics including policy implementations and implications, historic forms of criminalization and their modern expressions, Canadian and international approaches, and the politics of stigmatization.

39.0 Hours

Fees: \$587.31

Occupational Health**★ COHS208 Occupational Health and Safety Law***Antirequisite: CMHR 711*

This course begins with an examination of the Workplace Safety and Insurance Act and how the compensation system operates. An emphasis is placed on a detailed examination of the Occupational Health and Safety Act and the Canada Labour Code Part 2. A thorough analysis of the elements of the Internal Responsibility System is provided (duties, committees, work refusals). Secondary federal and provincial legislation is also covered. The course concludes with issues related to enforcement, prosecutions and due diligence. COHS cannot be replaced by CMHR 711 as a course credit towards the Certificate in Occupational Health and Safety.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Note for Intensive sections only: *intensive section(s) of this course, scheduled for delivery over a 5 day period, will require students to be in class throughout each day, and may include additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.*

39.0 Hours

Fees: \$603.99

NEW!**★ COHS314 Physical Agents***Prerequisite(s): ENH 220or in Occ. Health and Safety for Grads; Occupational Health and Safety Certificate students without the prerequisite should contact Rose Reid (rosereid@torontomu.ca)*

This course is concerned primarily with two important physical agents in the workplace: noise and heat stress. Other physical health hazards covered include cold stress, whole-body and hand-arm vibration, and barometric pressure. The nature and health effects of these agents, as well as the occupational exposure criteria, measurement techniques, and exposure control methods are reviewed. Registered certificate program students without the course prerequisites may apply for consideration to enroll in this course. Contact ce@torontomu.ca for more information.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

45.5 Hours

Fees: \$592.52

★ COHS323 Accident Theory

Prerequisite: CPCS 106 or in OC006

Accident theory is foundational for all aspects of OHS management. Models are examined, drawing on disciplines such as psychology, epidemiology, engineering, ergonomics and organizational studies. Of particular importance is the distinction between root causes and behavioural causes. The importance of accounting for all possible categories of losses is emphasized. The aim is not to provide the “one best” model, but to analyze the strengths and weaknesses of each model and to assess their usefulness for various purposes. Registered certificate program students without the course prerequisites may apply for consideration to enroll in this course. Contact ce@torontomu.ca for more information.

39.0 Hours

Fees: \$592.52

★ COHS477 Disability Management

This course explores the key concepts of integrated disability management. A multi-disciplinary approach to managing all forms of disability will be put forward based on sound best practice disability management techniques. Government legislation and regulations will be reviewed as well as the influence of non-governmental organizations. Multiple models of disability management will be presented. The assessment and evaluation of various return to work processes will be undertaken. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$592.52

★ COHS508 Occupational Health and Safety

This course introduces aspects of occupational health and safety that are relevant to students regardless of their career choice. In the first half of the course, we will discuss workplace safety and accidents including what to do in case of a work-related incident. In the second half of the course, the nature of common occupational health hazards, their effects upon the human body and examples of typical protective devices and measures to reduce the risk are examined. Techniques of hazard recognition, evaluation and control are examined. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Note for Intensive sections only: *intensive section(s) of this course, scheduled for delivery over a 5 day period, will require students to be in class throughout each day, and may include additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.*

39.0 Hours

Fees: \$596.69

★ COHS516 Ergonomics

Prerequisites: (ENH 220 and CPCS 106) or in OC006

This course is designed to provide a comprehensive overview of ergonomics emphasizing applications to product design and prevention of musculoskeletal injuries. The focus includes anthropometry, workplace design, and biomechanical and other human factors. It also covers physical and cognitive principles relevant to human performance and well-being that are reflected in workspace, interface and task design including controls and displays and manual materials handling. Ergonomic assessment methodologies will be used to assess design features and possible musculoskeletal problems.

Note: Registered certificate program students without the course prerequisites may apply for consideration to enrol in this course. Contact ce@torontomu.ca for more information.

39.0 Hours

Fees: \$583.14

★ COHS523 Safety Evaluation Techniques

This course introduces principles of evaluation and surveys a range of methods used to evaluate safety, including the use of injury data, task analysis methods; introduces various qualitative and quantitative methods for evaluating safety including inspections, FMEA, fault tree analysis, HAZOP, human error identification methods, and related evaluation techniques. Registered certificate program students without the course prerequisites may apply for consideration to enroll in this course. Contact ce@torontomu.ca for more information.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$583.14

★ COHS608 Hazard Recognition and Control

This course introduces the techniques of hazard recognition and control and examines specific hazards-primarily of a physical and safety nature. Hazard recognition and hazard control are shown to be interrelated since inadequacies of control measures in themselves may constitute hazards. Not available to students in OC003 or OC006 This course is not open to ENVO, ENV5, or ENVC students.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Note for Intensive sections only: *intensive section(s) of this course, scheduled for delivery over a 5 day period, will require students to be on-campus, in class, each day, and may include additional asynchronous components, recorded material, group work. etc. More details will be included in your course outline available on the first day of class.*

39.0 Hours

Fees: \$603.99

★ COHS623 Safety Control Methods

Building upon earlier courses emphasizing hazard recognition and evaluation, this course examines the major categories of control methods, respiratory protective devices and measures essential to eliminate or reduce workplace hazards. The course emphasizes plant design, ventilation design, preventive maintenance, housekeeping, respiratory personal protective equipment and hygiene. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

52.0 Hours

Fees: \$767.80

NEW!

★ COHS709 Fire and Radiation Safety

Prerequisite: COHS 314

Building on courses that provided an understanding of the nature of fire, explosions and methods of evaluation, this course begins with an analysis of prevention and protection strategies. The Fire, Building, Electrical, Propane and Gasoline Handling Codes are examined. The elements of a fire safety management program are set out. Ionizing and non-ionizing radiation are covered, with attention given to regulations governing radiation sources. The role of a Radiation Safety Officer is discussed. Registered certificate program students without the course prerequisites may apply for consideration to enroll in this course. Contact ce@torontomu.ca for more information.

39.0 Hours

Fees: \$592.52

★ COHS718 Systems Management I

Basic concepts of management, decision-making and engineering design that affect the OHS specialist. Introduces individual elements of the contemporary OHS management system. Each element is considered from an evidence-based perspective, as a background for implementing codified management systems standards and best practices guidelines. Students will set health and safety priorities, develop management system plans, and negotiate health and safety requirements in the manufacturing, distribution, use, and/or disposal phases of a product or process life-cycle. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ COHS723 Sectoral Applications I

This course is concerned with two of the primary sectors of the economy: industrial and construction. The safety hazards and protective measures associated with machinery, equipment and tools, confined spaces, hoists, trenching, industrial trucks and electrical sources are examined. Relevant legislation is presented.

52.0 Hours

Fees: \$774.06

NEW!

★ COHS800 Sectoral Applications

Techniques of identification, evaluation, control and management that students have mastered in previous courses are applied to the hazards and controls associated with specific sectors of the economy: manufacturing, construction, forestry, mining, transportation, health care, retail, offices and utilities. Sector-specific regulations are examined. The role of sector-specific safe workplace associations is discussed. This course provides students with an opportunity to explore potential areas of their professional practice.

39.0 Hours

Fees: \$592.52

NEW!

★ COHS811 OHSE Management Systems

This course covers the planning, development, implementation, monitoring and review phases for occupational health, safety and environmental management systems. The processes for management system designs found in ISO 14001, OHSAS 18001, and ANSI/AIHA Z10-2005 are critically examined. The importance of the Internal Responsibility System, when setting out organizational arrangements for responsibility, authority and accountability, is stressed. Policies, programs and procedures within an OHSE management system are designed to be workplace-specific.

39.0 Hours

Fees: \$592.52

★ COHS823 Sectoral Applications II

Prerequisite: COHS 723

This course continues the survey undertaken in OHS 723 Sectoral Applications I. Following an analysis of the particular hazards and control measures found in the forestry, mining and transportation industries, the course focuses on narrower sectors of the economy such as health care facilities, retail outlets, offices and utilities. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

52.0 Hours

Fees: \$774.06

NEW!

★ COHS840 OHS Leadership and Ethics

This course focuses on the management of occupational health and safety (OHS), with a particular focus on ethics, and the role of the OHS professional as a leader who influences the safety culture of an organization. The course will include discussion of leadership and leadership techniques within the context of OHS, management of OHS projects, professional ethics, enterprise risk management, and evidence-informed decision-making.

39.0 Hours

Fees: \$592.52

★ CVOH217 Measurement and Analysis

This course is designed to introduce the terminology, concepts, equipment, and techniques of occupational health and safety measurement and analysis. Topics covered include occupational hygiene, air sampling, data evaluation, biological sampling, and the assessment of heat stress, noise, vibration, radiation, illumination, and ventilation systems. Equivalent to OHS 421. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$599.83

★ CVOH221 Topics in Occupational Health and Safety

This course is an advanced seminar course that explores different means of inquiry into occupational health and safety. The course gives students an opportunity to learn the skills required to source out, research, examine, and synthesize topics in OHS in some depth. In the workplace, OHS professionals need to investigate issues they may not have expertise in. The students obtain an in-depth exposure to topics by researching and analyzing information, figuring out the implications for the workplace, summarizing the issues, and offering recommendations. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$599.83

Social Work

★ CSWP402 Social Policy and Social Inclusion

Prerequisite: All 3rd and 4th Semester Required courses or Direct Entry

Building on SWP 302, this course focuses on approaches and tools for social action and social change, moving students from a theoretical knowledge of social policies to a practical, action-oriented focus on making social claims visible and building program capacity. It examines issues of governance, funding structures, voices, exclusionary processes, and experiences with the social welfare system. The course explores strategies of collaboration and citizen engagement for social inclusion and social change. (SWP 302 and SWP 402 replace former equivalent course SWP 22A/B).

39.0 Hours

Fees: \$587.31

☆ CSWP538 Social Work Research: Part I

Prerequisites: All 3rd and 4th Semester Required Courses or Direct Entry

This course provides an introduction to quantitative social research epistemologies relevant to an anti-oppression practice framework. The course explores ethics, ownership, research for and with marginalized communities, inclusiveness and critical reflexivity while designing and conducting research. It critically examines steps in the quantitative research process. As a strategy to effect change, students will acquire the knowledge and skill to conduct quantitative research and to critically assess research articles in the literature from an anti-oppression framework. (SWP 538 and SWP 638 replace former equivalent course SWP 38A/B). Students pursuing the Research Methodologies and Program Evaluation course series who do not have the prerequisite and who wish to take this course should contact Rose Reid, Program Coordinator, at rosereid@ryerson.ca for permission to take the course.

39.0 Hours

Fees: \$583.14

☆ CSWP638 Social Work Research: Part II

Prerequisite: CSWP 538

Building on Part I, this course provides an introduction to qualitative research from critical, interpretive, anti-oppression and Indigenous peoples' perspectives. The course explores ethics, ownership, research for and with marginalized communities, inclusiveness and critical reflexivity while designing and conducting research. Students will acquire knowledge and skills to conduct qualitative research, program evaluations and community-based research as a strategy for effecting change. (SWP 538 and SWP 638 replace former equivalent course SWP 38A/B). Students pursuing the Research Methodologies and Program Evaluation course series who do not have the prerequisite and who wish to take this course should contact Rose Reid, Program Coordinator, at rosereid@ryerson.ca for more information. A prerequisite may be waived if the student has specific professional experience.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$583.14

★ CSWP925 Strong Helpers' Teachings

Ogitchita Luwatilihunyuni (Aboriginal Translation) is designed to build upon the content and learning from SWP435. It provides students with an understanding of an anti-colonial theoretical framework when approaching social work with Aboriginal peoples. Students examine how social policies and research inform social work practice with Aboriginal peoples, with an emphasis on self-determination/sovereignty and Aboriginal research methodologies. They gain an understanding of the strengths of Aboriginal worldviews in helping others and address how to integrate these into their practice.

39.0 Hours

Fees: \$583.14

☆ CSWP932 Evaluating Social Work Practices

Prerequisites: All 3rd and 4th Semester Required Courses or Direct Entry; Corequisite: CSWP 538

Given the increasing concern with accountability in the social services, social workers are consistently being asked to evaluate their practice effectiveness. This introductory course provides students with an opportunity to critically explore traditional and emerging approaches to evaluation. Various evaluation methodologies are reviewed, along with the political, ethical and contextual aspects of evaluation research. Students will develop the skills necessary for designing and implementing evaluation studies that include needs assessments, process evaluations and impact studies.

39.0 Hours

Fees: \$587.31

★ CSWP933 Indigenous Health and Well Being

Taking a global perspective, Indigenous health and wellness will be explored through the decolonizing theoretical framework of the Anishinaabe Medicine Wheel - a balance of physical, mental, emotional and spiritual well-being. The health status of Indigenous people globally, the Indigenous peoples of North America, and more specifically Aboriginal peoples of Canada will be discussed through social and political determinants of health lens. The course will also focus on promising health promotion practices and programs.

39.0 Hours

Fees: \$587.31

★ CSWP934 Community Engagement Foundations

This course will establish the historical evolution and theoretical underpinnings of community engagement as a process for enacting and supporting active citizen participation in community and civic affairs. The student will learn models, principles, and methods of community engagement. The course will cover a range of analytic frameworks from which action on community engagement and community development can occur. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CSWP935 Engaging Diverse Communities

This course will focus on building practice skills for working with diverse communities and engaging excluded groups in order to improve the well-being of their neighbourhoods and/or organizations. Students will learn to assess and understand the demographics of an area, the implications of these findings for guiding community outreach and engagement initiatives successfully, and how to develop and support implementation of an engagement plan with diverse communities and groups. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CSWP936 Community Engagement Practices

This course will study best practices for community capacity-building and improving community well-being. It will focus on the knowledge and skills required to effectively support the community engagement process. Case studies and experiential exercises will be used in the course to convey the skill-set that a community practitioner needs for effective community engagement and leadership development. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

★ CSWP937 Community Engagement Capstone

Department Consent Required

This capstone course provides an opportunity to integrate and apply the knowledge and skills acquired through previous courses. Individually or in small groups, and with course instructor approval, students select a project that reflects their own personal or professional interests. Examples of possible projects include the development of a presentation based on analysis of a set of real life scenarios or the analysis of a community issue or situation from the student's own professional milieu. Students are encouraged to contact the Academic Coordinator, Jennifer Ajandi, at jajandi@torontomu.ca to plan their capstone enrolment.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students may choose one of the following three options:

Develop a project-based experiential learning opportunity with the farheen.hasan@ryerson.ca Experiential Learning (EL) Coordinator. The EL will facilitate an opportunity for students to develop their transferrable skills based on professional interests and current project availability in community settings. This may include drawing from existing community project opportunities or creating new ones, when available.

The student may facilitate the creation of their own project-based experiential learning opportunity in their place of work, identifying a project advisor and working with the EL to ensure appropriate learning parameters will be met.

The student may facilitate the creation of their own project-based experiential learning opportunity at another organization they are currently connected with or will develop a relationship with, identifying a project advisor and working with the EL to ensure appropriate project parameters are developed.

39.0 Hours

Fees: \$587.31

CVSW901 Introduction to Social Services in Ontario

Department Consent Required

This course is designed to reflect the specific needs of internationally educated professionals who have experience in the social service field. The course offers an orientation to social services in Ontario, including current labour market demands and expectations. It introduces students to the skills, knowledge and conceptual frameworks utilized in social services, with an emphasis on understanding sector-specific vocabulary, terminology and employment. This course is restricted to internationally educated professionals and requires consent from the IESW Bridging Program.

30.0 Hours

Fees: \$467.47

🌐 CVSW932 Indigenous Knowledges in Practice

Department Consent Required

The goal is to integrate and apply knowledges gained from previous courses. Learning opportunities are available for students working in non-Indigenous and Indigenous work places as well as those who are non-employed or students. Students will be given an opportunity to select a project that relates to their personal or professional interest when possible. The project or research focus is intended to promote positive change. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$715.44

CREATIVE ARTS AND MEDIA

Combined Media

★ CMPC101 Visual Studies I

This course will deal with the fundamentals of expression and interpretation in the visual arts. Students will undertake applied exercises related to the elements and principles of composition and design. Completed projects will be critiqued with reference to traditional and contemporary design issues. The course's main setting is the studio, where a variety of materials and approaches are explored. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Supplies and materials to be purchased by the student: A list of supplies and materials required will be given to students after the first class. Cost approximately \$70.

39.0 Hours

Fees: \$647.81

★ CMPC103 Reframing Art History

The course explores the decorative arts, painting, architecture, sculpture, and performance cultures of African, Oceanic, and Pre-Columbian societies from pre-contact through the 19th century. Students examine the collection and exhibition of studied artworks within the context of seafaring, the global slave trade, and colonial expansion, as well as consider the arts institutions and artists movements that resulted. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$647.81

★ CMPC201 Visual Art: Concepts and Theories

This lecture course introduces the concepts and theories that animate visual work in all media and forms, providing a foundation for students embarking upon their studies in the culture industries. It offers theoretical, historical and cross-disciplinary perspectives, and is designed to establish a framework of knowledge that will enhance understanding of the cultural and technical power and limitations of various media. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage

in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$647.81

★ CMPC203 Art in the Modern World

Prerequisite: CMPC 103

This course provides a contextual survey of 20th century art in the West from its roots in 1900s to its proliferation of styles in the 1960s. The modernist ideologies inherent in movements such as Conceptualism, Feminism and Postmodernism will also be examined, as will the impact of burgeoning digital technologies.

39.0 Hours

Fees: \$647.81

Digital Entrepreneurship Innovation

★ CEID100 Digital Skills: Int'l Innovation

This course will introduce students to an extensive set of digital tools in order to develop a working knowledge of digital technologies, and learn techniques for assessing various forms of knowledge media intended for a wide variety of disciplines. Students will be expected to explore and understand the appropriate use of digital technologies, critically review the role of technology and media in society, and to demonstrate understanding of how digital media can be integrated into their own projects. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & A and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$846.06

Fashion

🌀 CDFI104 Fashion Drawing I

This is an introductory level fashion illustration course. You will draw from models, learning anatomy and proportion as well as basic drawing principles. It explores traditional methods of rendering and provides a sound foundation in drawing. It is designed for a novice individual who wishes to learn basic drawing skills as well as for the amateur who wishes to brush up on their skills. Course material will be delivered through lectures and drawing from models. There will also be time for critical one-on-one input as well as group critique.

39.0 Hours

Fees: \$807.85

🌀 CDFC102 Fashion Styling

This course is an introduction to methods and techniques for creating a mood, feeling or “look” through the use of clothing and related props. Study of product sourcing, location shooting, organizing resources, manipulation and reworking an image to communicate an idea may be presented. Creative thinking abilities, analytical skills, and cultural context may be explored to meet the demands and responsibilities of this field.

39.0 Hours

Fees: \$824.60

🌀 CDFC104 Creating the Image

This course is an introduction to methods for creating a “look.” Students may study the role of hair styling, make-up techniques, fabric manipulation or modification, garment alteration and accessorizing for interpretation or invention in wardrobe artistry. The application of colour to enhance, line for detail, fabric for function, design elements to flatter, fashion selection and/or the role of trends will be explored.

39.0 Hours

Fees: \$824.60

NEW!

🌀 CDFI100 Events and Digital Experiences

This course will acquaint students with aspects of event production from concept for the visual presentation of merchandise through to methods of planning the execution of promotions, digital experiences and fashion shows. Topics include design of the event, theme, audience, floor plan/virtual delivery concept, schedule, vendor relations, budget planning, talent and contract negotiation, models, fittings, choreography, technical services, advertising and promotion, press kits and related special services.

39.0 Hours

Fees: \$647.04

🌀 CDFI200 Visually Speaking

From traditional print mediums to today’s multitude of screen-based social media and digital platforms, the contemporary consumer is bombarded with imagery. To reach through this crowded arena, creators must ensure their brand’s visuals communicate quickly, clearly and intelligently. Through the understanding and use of design elements and principles in creating brand imagery and end product, the student will learn to speak this international visual language to win - and hold - their brand’s appeal among oversaturated consumers.

39.0 Hours

Fees: \$647.04

🌀 CDFI300 Fashion Research and Analytics: An Introduction

Fashion businesses face specific challenges in using data analytics and demand forecasting as they work with dynamic assortments and short lifecycle products. In this course, students are introduced to the complexity of data inputs specific to fashion, including: distribution of sizes, colours and styles; shifting seasonality; variations in fit and colour between brands and style; product return rates. Students learn to identify credible data sources and how to analyze that data to inform business decision-making.

39.0 Hours

Fees: \$647.04

🌀 CDFI400 Fashion Innovation Project

Pre-requisites: CFSN 105, CFSN 223, CDFI 100, CDFI 200, CDFI 300;

This capstone course provides an opportunity to integrate and apply the knowledge and skills acquired through previous certificate courses. Individually or in small groups, and with instructor approval, students design and execute a project that reflects their own personal or professional interests. The outcome is a thoughtful portfolio contribution that demonstrates evidence of competency.

39.0 Hours

Fees: \$647.04

☆ CFFD503 Knitwear Design

Prerequisites: FSN 101 and FSN 220

This course is an introduction to knitwear. Students research style, colour and fabrication trends to design men’s or women’s knitted apparel for a specific market. Knitwear terminology and mass production techniques will be analyzed as they apply to the design room. Domestic and off-shore production, the use of technology, the purchasing and inventory of raw goods will be covered. Registered certificate program students who do not have the requisites and who wish to take this course should contact Ana Abreu, Program Coordinator, at aabreu@torontomu.ca for more information. A requisite may be waived if the student has previous knitting or craft experience.

39.0 Hours

Fees: \$583.14

★ CFSN105 Fashion Systems I

This course introduces students to theoretical understandings of the business of fashion. A fashion system is a set of interconnected activities that consists of making, producing, promoting and consuming. There are many fashion systems at play at any given time and these modes change continually. This course explores key issues in the social, political and economic contexts of past and present fashion systems as well as the roles of individual actors in these systems. Assessment is comprised of individual and group projects, including an analysis of a fashion system.

39.0 Hours

Fees: \$629.04

NEW!

★ CFSN223 Fashion Theory

This course introduces students to the study of fashion as an industry and an everyday practice. It will examine the relationship between fashion and gender, disability, race, indigeneity, class, sexuality, body shape and other social locations, and places these locations within a sociological, cultural, historical and business contexts. Students develop radical ways of understanding and engaging with fashion in order to ignite systemic social transformation.

39.0 Hours

Fees: \$629.04

☆ CFSN302 History of Dress

Prerequisite: FSN 232 or CCMN 201 or CCMN 279 or IRH 202 or THP 115 or THP 202

This course will provide a chronological survey of the history of costume. An analysis of period dress for men and women will be contextualized within the framework of supporting social and cultural infrastructures. Particular emphasis will be placed on dress practices in Western culture from Antiquity to the mid-Eighteenth Century, addressing the evolution of fashion as a form of culture that reflects both technological and social change.

39.0 Hours

Fees: \$629.04

Film Studies

★ CDMP125 Fiction Screenwriting

This course introduces students to basic writing and research techniques as they relate to fiction filmmaking and the film business. It acquaints the student with the basics of writing for production. The concentration is on visual writing at the outline stage for fiction films. Methodologies for interviewing as well as story and subject research will be dealt with in depth. The course will also deal with the basic forms of documents in commercial production such as proposals, treatments, submissions, and budgets. CDMP 125 is equivalent to MPF 324. This course is offered in the Spring/Summer term as part of ‘Summer Film School’ (CDMP 999).

39.0 Hours

Fees: \$632.16

★ CDMP130 History of Arts and Scenography

This course will study scenography as a parallel progression with a cross-cultural survey of the arts. Organized along major world belief systems, students will familiarize themselves with visual and aural culture as it is expressed in art, music, architecture, fashion, and decorative arts. From sacred space to 21st Century media, students will examine how the elements of early spiritual dance evolved with emerging technologies and changes in religious, societal, and political systems. Students will learn to recognize cultural and scenographic trends as they conduct primary and secondary source research. The scenographic tradition will be addressed in terms of ceremony interpreting text for constructed or virtual worlds, relationship-building in communities, and collaborative work structures. The lexicon of scenographic technologies and styles will also be examined as a reflection of world culture. Weekly lectures and visual and aural research will enable students to create a personal textbook of sources to use for designing productions. (Equivalent to one Professionally Related elective from Table II, see Image Arts in the Undergraduate Program Calendar.)

39.0 Hours

Fees: \$599.83

★ CDMP700 Advanced Screenwriting

Prerequisites: CDMP 125 or CDMP 126

This advanced workshop course is designed for those students with a special interest in writing for film or television. The course deals with the stages of screenwriting in the dramatic form from the development of the outline to the script treatment. CDMP 700 is equivalent to FPN 503.

39.0 Hours

Fees: \$644.69

CDMP999 Summer Film School

Students now have the opportunity to obtain the Certificate in Film Studies over 12 intensive, six-day weeks. This unique fast-track program covers all required motion picture production, technology, and digital editing courses, plus three electives. Enrolment is limited to 25 students. For course information, contact James Warrack at 416.979.5000, ext. 2237, or jwarrack@torontomu.ca.

390.0 Hours

Fees: \$6527.44

★ CMPF106 Film Production: Silent Film

This lecture/laboratory course introduces students in Film Studies to the art and craft of the medium - its history, main genres and techniques. The course focuses on how meaning is created through the moving image and specifically explores the relationship between form and content. Different creative methods are explored by making silent 16 mm films. Visualization and storytelling are introduced, studied and practiced.

39.0 Hours

Fees: \$599.83

★ CMPF107 Intro to Cinematography

This lecture and lab class introduces students to the concepts, tools, applications and foundations of filmmaking, including photographic imaging, exposure, cinematography, lab processes, lighting, analogue film editing, as well as an introduction to basic sound recording and non-linear editing. This course focuses on the visual aspects of silent film production and non-synchronous sound.

39.0 Hours

Fees: \$599.83

🌀 CMPF206 Film Production: Sound Film

CMPF 106;

This lecture/laboratory course focuses on how meaning is created through the moving image and specifically explores the relationship between form and content, image and sound. A variety of creative methods are explored by making films shot in 16 mm that are edited digitally. Project development, the basis of storytelling, script analysis, and sequencing techniques are introduced, studied and practiced.

39.0 Hours

Fees: \$599.83

☆ CMPF207 Introduction to Editing and Sound

Prerequisite: CMPF 107; ; Corequisite: MPF 206

This course introduces students to the fundamentals of digital cinematography as well as more complex post-production techniques and workflows including sound design, audio mixing and colour correction. Principles of data management for non-linear editing will be included.

39.0 Hours

Fees: \$599.83

★ CMPF301 Business of Film

Prerequisite: MPF602; Available only to Image Arts - Film Studies or Creative Industries students

This course helps students to become aware of the business aspects of film and video production and includes documentary, commercial and narrative productions. It deals with those areas of pre-production, production and post-production which most involve the producer directly. Promotion, distribution and exhibition of product will be dealt with. Certificate students may receive direct entry into this course. Please contact Academic Coordinator, James Warrack, to discuss a prerequisite waiver: jwarrack@torontomu.ca.

39.0 Hours

Fees: \$599.83

★ CMPF322 Film Production

Prerequisites: CMPF 206 and CMPF 207

This intermediate level course on the methods of fiction film and video production focuses on the practical considerations and creative strategies employed in the researching, planning, producing, directing, and final execution of stories for the screen. Students explore narrative storytelling techniques and production methods that mirror professional practice.

39.0 Hours

Fees: \$599.83

Graphic Communications

★ CGCM110 Introduction to Graphic Communications

This course introduces students to graphic communications manufacturing processes with emphasis on the variety of methods available, and their application. Subject matter includes design, copy preparation, premedia, proofing, materials, various printing processes, post-press, health and safety, sustainability, and accessibility considerations. Students learn about the global and Canadian impact of the print industry. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$663.40

★ CGCM120 Graphic Communications Processes 1

This introductory lab-based course provides students with an experiential overview of the complete graphic communications process. Projects will explore concept and design, premedia, printing, and binding and finishing. Projects include one and two-colour printing, such as business cards, labels, notepads, greeting cards, and design and production of related web pages, social media sites and epub tablet publishing. Basic press functions and controls will be explored through the use of printing presses and press simulators. Basic bindery operations such as cutting and trimming are introduced. Students will use industry standard tools and techniques to learn the importance of job planning, basic production workflows, correction loops and will develop an appreciation of the requirements of each process.

39.0 Hours

Fees: \$703.40

★ CGCM130 Design and Layout

Successful design involves more than meets the eye! Students learn how to interpret a design brief, how to work with a client to create a design that fulfills client specifications, and how to prepare a design that will adhere to output requirements. An emphasis is placed on solving problems in design, and the principles of design, including accessibility. The course introduces students to the principles of design, as practiced by graphic designers, advertising and marketing organizations and members of the printing industries. Students learn how to communicate with designers, and the steps necessary to execute a successful design project from design briefs to fulfillment of client expectations.

39.0 Hours

Fees: \$683.40

★ CGCM210 Consumer Packaging

This course covers the fundamentals of consumer product packaging, including package printing and manufacturing. Students develop an understanding of the many aspects that are needed to create successful packaging. Topics include functions of packaging, materials and printing processes used, end use and quality considerations, sustainability, as well as package manufacturing, optimization, logistics and the role of converters. Legal and accessibility issues related to packaging are discussed.

39.0 Hours

Fees: \$663.40

★ CGCM230 Typography

Prerequisite: CGCM 130

The course explores the relationships between type designers, type foundries and end users. This course concentrates on typographic history and classification, as well as the creation, marketing and use of typefaces in professional applications for both printed and non-printed output. Students also learn how typographic choices made by the designer can enhance or reduce the appeal and accessibility of a document. Editing and proofreading of documents is also emphasized.

39.0 Hours

Fees: \$683.40

★ CGCM720 Magazine Production and Publishing

Prerequisites: CGCM 230

Print and digital technology are changing the nature of magazine publishing. This course explores magazine design as well as technical specifications for magazine production and distribution. Students will learn about the business, design and manufacturing of magazines. With an emphasis on experiential learning, this project-focused class will culminate in students producing a short-run magazine.

39.0 Hours

Fees: \$703.40

★ CGCM738 Photoshopped! The Art of Image Retouching

Adobe Photoshop is very powerful image manipulation software. Colours can be corrected or modified completely and image elements can be added and removed. With proper technique, a retouched image will not only look good on screen, but will stand up to the requirements of the intended output process. Various image manipulation techniques are explored in this course with a strong emphasis on non-destructive editing. Technical requirements are a focus. Students will learn the importance of working with others in the production process to ensure consistent and predictable retouching.

39.0 Hours

Fees: \$663.40

★ CGCM740 Accessibility for Graphic Communications

This course introduces students to issues of accessibility affecting graphic communication pieces. Accessibility is increasingly important in the design, production and distribution of print and non-printed graphic media. By improving accessibility, overall design and readability are often enhanced. Students will learn about legal and ethical responsibilities around legibility, and will analyze pieces of work for accessibility. Students will produce printed and non-printed pieces using current tools and guidelines for accessible documents.

39.0 Hours

Fees: \$663.40

★ CGCM746 Sustainability in Print and Packaging

Environmental sustainability is an essential consideration in today's graphic communications environment where business and technology decisions must take into account legal, ethical and technological issues influencing business strategies, materials and processes. Roles of government, manufacturers, clients and end users are examined with consideration of total product life cycle. Design and technologies to reduce environmental impact of graphic communications products, including packaging, are explored. An evidence-based approach is emphasized throughout, and students critically analyze claims for greenwashing.

39.0 Hours

Fees: \$663.40

Media

★ CRTA180 Music and Film

The use of music with film has evolved from early stereotyped borrowing of nineteenth century classical European repertoire to newly created scores that enhance and support the dramatic themes of the film. This course explores the relationship between music and film, the functions and effects of music and how the music supports or plays against the visual images. Analysis of selected film genres will demonstrate how music can strengthen the film's dramatic themes. (Formerly MUS 110)

39.0 Hours

Fees: \$650.83

★ CRTA941 Dramatic Writing

Prerequisite: CRTA 212

This course demystifies the process of writing for the screen and encourages students to find their unique dramatic voice by writing an original script. Students analyze principles of dramatic storytelling and current dramas at the script level. Using story editing exercises, students learn how to structure a story, build dramatic tension and craft moving characters. By the end of the course, students develop an appreciation of the nature and purpose of drama.

Applicants who do not meet the listed admission requirements, and possess a combination of education and relevant experience may be considered on an individual basis.

Please contact Prof. James Nadler to discuss a pre-requisite waiver.

39.0 Hours

Fees: \$650.83

Media Studies

★ CFPN323 Sound Design for Digital Media I

This course builds a foundation in sound theory and audio technology while focusing on their applications within visual media. Students learn concepts relating to audio production and post-production, and through applied projects discover how to edit, augment, and manipulate sound to support intended meaning and narrative. The exploration of sound-image relationships is the basis for learning established practices and tools to bridge artistic intention and final outcome.

39.0 Hours

Fees: \$635.30

★ CFPN501 Scenography I: Art Direction

This studio course addresses the visual world of film, video, immersive events, and staged/directorial photography by retrofitting locations to evoke fictional space. Script adaptations and analysis, character definition, set geography, visual and technical research, swatch palettes, technical drawing, and maquettes form the basis of project proposals that may complement concurrent production courses/thesis projects. Resource analysis, accounting, and time management as determining factors in design is emphasized, as well as key collaborative structures.

39.0 Hours

Fees: \$635.30

★ CFPN502 Directing Screen Performance Basic Principles

This course is based on the premise that the only way to learn how to direct actors is to learn about acting. Students participate in workshop acting exercises, improvisations and discussions on the acting process as it relates to the rehearsal and shooting of dramatic films, from the point of view of actors and directors. Certificate students may receive direct entry into this course.

Please contact ce@torontomu.ca to get permission to enroll.

39.0 Hours

Fees: \$635.30

★ CFPN534 Graphic Design

This is a course in two-dimensional design problems with an emphasis on typography and layout and their interaction with and within imagery. Exercises are given in artwork preparation for combination with type, graphic, and experimental design elements. The visual language of graphics is the principal focus of the course.

39.0 Hours

Fees: \$635.30

★ CFPN535 User Experience Design

From a user experience design (UX) and human factors perspective, this course will allow advanced students to explore the new possibilities and challenges related to the design of user interaction for visual and virtual media. Through the construction of digital media objects, students will explore the physical, psychological, biomechanical, and anthropometric concerns involved in constructing intuitive, effective and engaging experiences with digital media. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$635.30

★ CFPN536 Media Business Practices

This course introduces general business practices including marketing, finance, accounting, statues, and regulations, particularly applicable to the successful operation of small media businesses. The emphasis is on identifying career goals and outlining the experiences required to attain the profession students seek. Students explore methods of marketing and self-promotional strategies practiced by professionals in the industry. Assignments provide the practical skills and necessary resources for the students to use in media businesses. To find out more about your instructor, see the Photography instructor biographies

39.0 Hours

Fees: \$635.30

★ CFPN541 Animation Practices

Available only to students in Image Arts; ; Chang School Certificate students without the prerequisite(s) should contact Chang School Client Services (ce@torontomu.ca)

This course introduces students to techniques of animation in both 2D and 3D, analogue and digital. Modelling and animation topics covered include perspective, composition, movement, rhythm, timing, and imaging in two and three-dimensional space. Particular attention is paid to aesthetics and visual storytelling. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$635.30

★ CFPN542 Design for Mobile Devices

This course introduces students to the fundamental concepts, techniques, and strategies of mobile app development for the purposes of producing digital artwork and creative applications. Assignments and in-class exercises work to expand student knowledge related to

app-based multimedia, interaction, geo-location, sensors, APIs, and online distribution. Through readings and lectures, students also become familiar with the critical, theoretical and historical debates surrounding software and mobile-based artwork.

39.0 Hours

Fees: \$635.30

★ CFPN547 Co-Operative Internship

Antirequisite: FCD 810

This course give students the opportunity to work in professional production settings which will provide them with experience in their chosen field. Internship contacts are the responsibility of the student. All internships are subject to departmental approval in advance. This course is graded on a pass/fail basis.

39.0 Hours

Fees: \$635.30

★ CFPN601 Scenography II - Production Design

This course will require you to be online for live lectures at the scheduled time. There will also be some pre-recorded lectures. Class recordings will be available until the end of classes. More details will be included in your course outline available on the first day of class.

This studio course models the development of production concepts from script analysis, identifying time-space requirements and research methodologies, to visual proposals for the material culture of constructed realities, whether live/immersive events, film, video, or staged/directorial photography. Students create a full portfolio presentation: the scenographic concept, including character design, performance space, and all necessary properties, using renderings, technical drawing, maquettes, and storyboards. The portfolio will stress effective communication, combining aesthetic expression, spatial dexterity, and narrative logic.

39.0 Hours

Fees: \$635.30

★ CNPF566 History of Animation

Prerequisite: CMPF 290 or enrolled in the Digital Art Production Certificate;

This course offers a wide-ranging panorama of the first 100 years of animation, drawing upon a variety of national traditions, production methods and technological developments. The course examines competing imaginaries and production techniques. The course covers cel and digital animation, silhouette animation, puppetry, stop motion, rotoscoping, roto-shopping, computer-generated imaging and motion capture. Students will be exposed to a variety of critical discourses in order to engage with the animated works introduced each week. The prerequisite may be waived for registered certificate program students who can demonstrate adequate professional experience or education related to the field that satisfies the program requirements. Please contact the Academic Coordinator, Rhonda Abrams, at rabrams@torontomu.ca for more information.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$587.31

Online Learning and Design

CDEL200 PORTFOLIO

Walking into a job interview is stressful enough – and with the added pressure of having to answer the standard “tell me about yourself” question in a way that will make you stand out from the crowd, it can feel completely overwhelming. That’s why we developed PORTFOLIO, a fully online course that will help you express and showcase your personal brand to your future employer.

On completion of this six-week course, you’ll be able to articulate your unique value and skill set with confidence and create powerful visual artifacts to help tell your story.

This course will help you show and tell employers:

Who you are

What you know

How you can add value in a way that no one else can! With six 90-minute synchronous classes, peer feedback, a one-on-one coaching session with the instructor, and tutorials for using visual crafting tools like Canva, PORTFOLIO is designed to help you develop the communication and design skills needed to drive a successful networking conversation or job interview. Learn how to leverage your personal experience – as well as the tangible skills you’ll gain through this one-of-a-kind program – into finding, and winning, that dream job.

10.0 Hours

Fees: \$349.17

Photography

★ CDFP328 Photography Production I

This course introduces students to the fundamentals of photographic and lens-based imaging. It includes operation of the hand camera and digital photographic practices, image processing and print production, and exploration of meaning through images in relationship. Short, topic-orientated production assignments with critiques will be given. (Equivalent to MPS 106.) You must own or have access to an interchangeable lens digital camera and Adobe Lightroom for this course.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours

Fees: \$644.69

★ CDFP329 Photography Production II

Prerequisite: CDFP 328

This course advances the development of core photographic concepts and skills learned in production. It includes an overview of camera systems, image production, and an understanding of fundamental studio lighting for portraits and still life. Through a series of assignments, students explore the nature and meaning of photographic images and discipline for self-directed work. (Equivalent to MPS 206.) You must own or have access to an interchangeable lens digital camera and Adobe Lightroom for this course.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours

Fees: \$644.69

★ CDFP333 Photography and Digital Imaging

An introduction to photographic technologies and concepts related to digital printing. Students will acquire skills related to a range of creative ideas about images, while gaining a basic understanding of the concepts of lens-based image-making. Emphasis will be placed on learning the core principles of photographic technology as well as fundamental visual skills for photographers. By the end of the course, students will have acquired a working knowledge of basic tools, capture, printing, and workflow. (Equivalent to MPS 107.) You must own or have access to an interchangeable lens digital camera and Adobe Lightroom for this course.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours

Fees: \$660.33

🌀 CDFP367 Photoshop for Photographers

A workshop course designed for the serious photographer wants to learn retouching and image enhancement techniques using Adobe Photoshop. Topics covered include techniques for skin retouching; adding sparkle to the eyes; careful use of the Liquefy Tool for slimming; balancing faces using selection and masking techniques; using layer blending modes; and compositing elements from different shots, as used in still life and fashion shooting, high dynamic range, panoramas, etc. Students must have a working knowledge of Photoshop CS3 or later versions.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours

Fees: \$862.98

★ CDFP381 Advanced Fashion Photography

Prerequisites: CDFP 329

This advanced workshop format course is for the serious fashion photographer. Students must have advanced camera, lighting, and Photoshop or Lightroom knowledge. They will be introduced to fashion styles and trends through both lighting and shooting. Industry standards and sources for selling and exhibiting fashion photographs will also be addressed. Under the instructor’s guidance, students will work with models and make-up artists. Student work will be discussed in group critique sessions. Equivalent to one Professional elective from Table I (see Undergraduate Program Calendar). A prerequisite may be waived if the student has specific professional experience. Registered certificate program students who do not have the prerequisite and who wish to take this course must contact the instructor, Struan, at struan@struanphoto.com (www.struanfoto.com) Client Services at ce@torontomu.ca for more information.

Students must have a DSLR camera with lenses ranging from 35mm to 105mm, a light meter, and a radio slave unit. They should also bring their laptops to class.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours

Fees: \$793.89

★ CDFP382 Advanced Portrait Photography

Prerequisites: CDFP 329

This workshop format course is for the serious amateur or aspiring professional portrait photographer. It is an advanced course concerned with an in-depth look at portrait photography. Emphasis will be on developing and refining your techniques in a variety of settings and lighting conditions. Projects will examine critical and aesthetic issues in portrait photography from singles to large groups, under studio and location settings. Both traditional and digital photography will be covered. Equivalent to one Professionally Related elective in Image Arts from Table I (See Undergraduate Program Calendar). A prerequisite may be waived if the student has specific professional experience. Registered certificate program students who do not have the prerequisite and who wish to take this course must contact Client Services at ce@torontomu.ca for more information.

Students must have a DSLR camera with lenses ranging from 35mm to 105mm, a light meter (if using film), and a radio slave unit or flash sync cord. Those shooting digitally should also bring their laptops to class.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours

Fees: \$682.25

★ CDFP389 Studio Lighting I

Prerequisites: CDFP 329

This course offers an intensive investigation into all aspects of studio lighting photography. The course consists of a series of lectures, critiques, and extensive studio sessions learning the basic techniques. Particular attention is paid to controlled lighting, precise exposure, and the techniques of electronic flash as they apply to studio photography. Emphasis is placed on learning to balance compositional elements within the frame to produce an articulate photograph. Other topics include filters, special effects, and an introduction to the business of commercial photography. Equivalent to one Professionally Related elective in Image Arts from Table I (see Undergraduate Program Calendar). (Formerly Commerical Photography I) A prerequisite may be waived if the student has specific professional experience. Registered certificate program students who do not have the prerequisite and who wish to take this course must contact Client Services at ce@torontomu.ca for more information.

Students must own or have access to a digital interchangeable lens camera with at least 10 megapixels and at least one lens in the “normal” to moderate telephoto range (equivalent to 50mm to 90mm on full frame sensor).

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours

Fees: \$590.43

★ CDFP390 Studio Lighting II

Prerequisite: CDFP 389

This course continues the investigation of the techniques and approaches to studio lighting begun in CDFP 389 (see the calendar description). Equivalent to one Professionally Related elective in Image Arts from Table I (see Undergraduate Program Calendar). (Formerly Commerical Photography II) A prerequisite may be waived if the student has specific professional experience. Registered certificate program students who do not have the prerequisite and who wish to take this course must contact the Instructor, Rob Davidson, at rob@rdaphoto.com or Client Services at ce@torontomu.ca for more information.

Students must own or have access to a digital interchangeable lens camera with at least 10 megapixels and at least one lens in the “normal” to moderate telephoto range (equivalent to 50mm to 90mm on full frame sensor).

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours

Fees: \$613.05

★ CDFP391 History of Photography I

Students will study the evolution of photography, from the early experiments with light sensitivity of silver salts to the establishment of portable photographic technologies. A historical overview of the medium’s development from both technical and stylistic viewpoints will be examined. The course traces the development and positioning of the photographic medium within the context of modernist expression, from early attempts to contextualize photography as art, to the development of small format, handheld cameras. Cultural writings about photography will also be investigated, in relation to broader historical, theoretical, and political considerations. (Equivalent to MPS 301.) To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours

Fees: \$587.31

★ CDFP392 Documentary Photography

This workshop course is designed to introduce students to ideas and methods of producing documentary photographs and portfolios. The course includes instruction in practical techniques (effective metering, flash, etc.), as well as an exploration of the history and vocabulary of documentary photography. The goal is the production of a documentary portfolio (prints, books, or digital slide show ready for a professional venue). Equivalent to one Professionally Related elective in Image Arts from Table I (see Undergraduate Program Calendar). Supplies to be purchased by the student: Suitable camera (any format), or access to one, and printing supplies.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours

Fees: \$665.43

CDFP404 Magazine/Editorial Photography

Prerequisites: CDFP 329

The successful magazine assignment requires research, human interest, and proficient execution. This course will concentrate on preparing and presenting the successful "People Magazine/National Geographic" style photo-story. Just "being there" photos are no longer an option for today's sophisticated magazines and their readers. Images and word descriptions of people, places, and/or events must be compelling, communicative, articulate, and artistic. Additional techniques will include people and candid photo skills, enhanced composition, and sales promotion to world-wide magazines. A prerequisite may be waived if the student has specific professional experience. Registered certificate program students who do not have the prerequisites and who wish to take this course must contact Client Services at ce@torontomu.ca for more information.

Students must have an interchangeable lens digital camera.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours Fees: \$944.04

CDFP905 Contemporary Photographic Art

Through lecture presentations, gallery visits, artists' talks, readings, discussions, and assignments, the history, theory, and production of photography as an art form will be explored. The major approaches to 20th and 21st century photographic art, and their corresponding theoretical bases and cultural contexts, will be examined. Throughout the course, students will develop their own photographic art projects with the goal of producing coherent bodies of work for exhibition.

To find out more about your instructor, refer to the Instructor Profile Directory.

39.0 Hours Fees: \$816.20

Public Relations

NEW!

CDPR200 Public Relations Foundations

This course introduces students to foundational theories and principles underlying the broadly defined practice of public relations. Students explore various practice areas and organizational settings in which public relations professionals apply their skills to add value, depending on context. Areas of practice include corporate social responsibility, government relations, crisis management and investor relations. Basic elements of communication planning, implementation and evaluation are introduced.

39.0 Hours Fees: \$913.98

CDPR204 Planning, Programming and Budgeting

CDPR 200

This course will explore the management of public relations and communication programs within organizations. Topics include identifying and setting strategy, creating and executing effective public relations projects, and the foundations of budgeting.

39.0 Hours Fees: \$913.98

CDPR205 Communications Research and Campaign ROI

CDPR 200

Communications professionals continually need to capture, and effectively communicate, "Return on Investment" of their work outputs to organizational leaders. This course provides an opportunity for students to apply techniques of research and evaluation to public relations issues, learning both qualitative and quantitative strategies for public relations practice. Working both individually and in small groups, students will conduct a systematic secondary research report and a primary research report; learn to create and apply online metrics platforms; and conduct an evaluation of a public relations campaign.

39.0 Hours Fees: \$913.98

CDPR206 Media Relations

CDPR 200;

This course will provide students with strategies and tactics to develop and deliver effective media relations activities, including relationship building, media planning, media training, and interviews, along with supporting materials such as media releases, media kits, media conferences, and Q & As.

39.0 Hours Fees: \$913.98

CDPR208 Social Media in Public Relations

CDPR 200

This course will explore the impact of social media on the role of the public relations practitioner. It will identify and review in detail principles for effective engagement with stakeholders and customers, using core social media tools for listening, messaging, relationship building and participating in social networks and other online communities.

39.0 Hours Fees: \$913.98

CDPR210 Reputation Management

CDPR 200

A strong and lasting reputation is an organization's most important attribute. Establishing and enhancing this intangible asset is a complex and intensive process. This course will examine the role of the public relations practitioner in building, enhancing, and managing an organization's reputation.

19.5 Hours Fees: \$534.73

CDPR211 Strategic Storytelling

The course introduces the strategies and basic concepts of effective public relations writing, including the use of a variety of communications tools used in public relations programs. Emphasis will be on understanding the principles of lean writing and applying them to the preparation of a media kit for use in a news conference. Major components - including key messages, news and feature media releases, pitch letters and fact sheets, speeches, and biographies - culminate in the presentation of the completed media kit.

39.0 Hours Fees: \$913.98

CDPR213 Internal Communications Management

CDPR 200

This course will explore the theory and practice of the key PR function of internal communications management. A discussion of the management and planning of internal communications, the politics of organizations and needs of employees, together with practical applications of traditional and social media, will provide students with the tools to advise senior management and effectively deal with internal audiences.

19.5 Hours Fees: \$534.73

CDPR216 Public Relations Ethics

CDPR 200

This course provides an opportunity for students to examine, evaluate, and apply a variety of ethical decision-making models for public relations practice. Working both individually and in small groups, students will review ethical frameworks and public relations societies standards through the investigation of public relations cases which raise ethical issues. Emphasis will be placed on the application of ethics in the practice of public relations.

19.5 Hours Fees: \$534.73

CDPR217 Crisis Communication

CDPR 200

This course will examine best-practices in crisis communication, a fundamental and increasingly important part of public relations practice that involves rapid execution and the potential use of a wide range of public relations tactics to protect and sustain an organization's reputation and its ability to function. Pragmatic, workable strategies will provide students with the background they need to recognize a crisis situation, select the correct strategies and execute them using the appropriate teams and tactics.

19.5 Hours Fees: \$534.73

CDPR300 Public Relations Capstone

Department Consent Required

This course will provide learners with an opportunity to apply the knowledge and skills gained throughout the certificate to an actual public relations challenge. Students who work in public relations are expected to submit a program or project report, including an assessment of their work based on best practices. An Experiential Learning Coordinator will help match students who do not already work in the field with a suitable employer partner. Students who, because of employment or other sufficient reasons, are unable to submit an experiential-based program or project report may receive the required academic credit by completing a major paper.

39.0 Hours Fees: \$913.98

Publishing

🔗 CDPB100 Publishing Overview: Trade

This course provides an overview of trade publishing in Canada: the historical context; the players – publishers, authors, agents, distributors, the wholesale network, bookstores and online retailers; the processes – acquisitions, editing, production, marketing, sales; the importance of list building and backlist, and the challenges faced by publishers today. The course provides a robust base of knowledge about the industry, preparing you for skills based training for a career in publishing.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

This course is offered in the Spring/Summer term as part of ‘Publishing Intensive’ (CDPB 999).

39.0 Hours

Fees: \$904.65

🔗 CDPB101 The Business of Book Publishing

Prerequisite: CDPB 100 or CDPB 200

This course is designed for non-financial people who are interested in the financial and management aspects of publishing. Specific topics include strategic planning and business management; understanding financial statements, budgeting, and forecasting; the decision to publish; sales, promotion, and distribution; contracts, copyright, subsidiary rights, and legal concerns; program planning, co-publishing, and packaging; and human resources considerations.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$904.65

🔗 CDPB102 Copy and Stylistic Editing I

This course focuses on copy-editing fundamentals – consistency, correctness, and clarity – and introduces stylistic editing. It teaches editorial skills applicable to any area of publishing, including books, reports, educational materials, and online texts. Topics include the copy editor’s role within the editorial process; house style and style sheets; spelling, grammar, punctuation, and usage; common stylistic issues; inclusive language; the author-editor relationship; libel and copyright; documentation basics; manuscript preparation; and preparing to enter the job market.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related

activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class. To enter CDPB 102, ideally you will score 80 or higher on this Diagnostic Grammar Test (Word document). This is a self-administered test to help you determine whether you should take Practical Grammar and Punctuation (CDPB 312) first.

This is a closed-book test. Give yourself 30-45 minutes to complete it. Once you have completed the test, please see the Diagnostic Grammar Test Marking Sheet for solutions.

If you score between 70 and 80 and decide to proceed directly into Copy and Stylistic Editing I, please review grammar basics (see Practical Grammar by Maxine Ruvinsky). Under 70: we highly recommend that you take Practical Grammar and Punctuation (CDPB 312) before tackling CDPB 102.

Note: This course is offered in the Spring/Summer term as part of ‘Publishing Intensive’ (CDPB 999).

39.0 Hours

Fees: \$904.65

🔗 CDPB103 Production for Books, Journals, and Reports

This course is for individuals who are interested in the integral part production plays in the publishing process. Topics include print production management; the relationship between production, editorial, and marketing; the publishing team’s structure and roles; project management and quality assurance of photography, illustration, and design; typography; prepress, proofing, paper, and printing processes (including digital printing); bindery processes; Internet applications related to print production; dealing with freelancers and suppliers; budgeting and scheduling; and emerging technologies. On successful completion of this course, the student will be familiar with an overview of the entire production process, concepts, products, and procedures for each aspect of print production, relationships within the publishing company and outside with the graphics community at large, and resources for further self-directed learning. The student will also be better prepared to manage print-related initiatives in all aspects of the publishing enterprise.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students are strongly recommended to take CDPB 100 or CDPB 200 before taking this course.

This course is offered in the Spring/Summer term as part of ‘Publishing Intensive’ (CDPB 999)

39.0 Hours

Fees: \$904.65

🔗 CDPB104 Introduction to Book Design

This course introduces the fundamentals of book design and current practices. Specific topics include designing for different readerships, matching visual structure to editorial structure, design needs of text-only and illustrated books, typesetting and legibility best practices, designing effective covers for print, ebooks and audiobooks, and workflow and cost considerations. All assignments are completed in Adobe InDesign; it is strongly recommended that learners complete CDPB212 or have a basic understanding of InDesign before taking this course.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

All course assignments will be completed in Adobe InDesign. It is strongly recommended that students complete CDPB 212 or have equivalent Adobe Suite software (Illustrator, InDesign, and Photoshop) experience prior to taking this course.

39.0 Hours

Fees: \$904.65

🔗 CDPB105 Sales and Marketing for Book Publishers

This course presents Canadian publishing through the lens of sales and marketing. Specific topics include the sales cycle, sell-in, conferences, creating goals, differentiating between accounts, current methods of targeting and researching an audience, and using industry tools like BookNet Canada. You’ll learn book marketing techniques like how to write catalogue copy, social media strategies, and how to create a campaign. This course prepares you for a career as a sales and marketing professional in publishing.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$904.65

🔗 CDPB110 Publicity for Book Publishers

Generating publicity for a book and author plays a key role in a publisher’s overall marketing plan. The quality of publicity can determine whether a book succeeds or not. In today’s publishing world, creative publicity counts; the competition for people’s attention is fierce. This course looks at the many types of book publicity practised today. These include author media appearances, special events, tours, and a growing number of online initiatives. We will discuss campaigns, trade shows, and the need to position clearly the book and author. Students will look at case studies, undertake research, and create media kit materials. The course will also introduce the related field

of public relations, which includes developing a publisher profile, improving brand awareness, involvement in the community, and occasionally a little crisis control.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

This course is offered in the Spring/Summer term as part of ‘Publishing Intensive’ (CDPB 999).

39.0 Hours

Fees: \$904.65

🔗 CDPB200 Publishing Overview: Education

This course presents an overview of publishing in the following areas: elementary and high schools; colleges and universities; scholarly, legal, professional, business, and reference publishing. Students are expected to gain an understanding of the structure of these areas of the industry, who the publishers are, what they produce (from books to CD-ROMs to material delivered via the Internet), how they produce their products, who constitutes the market in the various areas, and how the publishers reach those markets.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

This course is offered in the Spring/Summer term as part of ‘Publishing Intensive’ (CDPB 999).

39.0 Hours

Fees: \$904.65

🔗 CDPB201 Literary Rights Management

Prerequisite: CDPB 100 or CDPB 200

This course provides an in-depth introduction to literary rights management - from building a list of authors to negotiating the rights to novels and non-fiction works - from the perspective of a rights manager or literary agent. Topics include subsidiary rights such as film, television, and translation rights, working with subagents and literary scouts, the differences between selling rights for adult and children's books, and how to make the most of international fairs.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students with equivalent experience may be admitted by the permission of the coordinators.

39.0 Hours

Fees: \$861.35

🔗 CDPB202 Substantive and Stylistic Editing

Prerequisite: CDPB 102

This course focuses on the improvement of book-length manuscripts for publication. Emphasis is on the techniques and best practices for editing nonfiction and literary fiction, but a full range of editorial topics will be covered, including editorial roles and skill sets; evaluating and acquiring manuscripts; the editor-author relationship; editing for digital media; stylistic editing for different genres; freelance and in-house expectations; and the editor's role in other aspects of the publishing workflow.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students with experience in editing may be admitted by permission of the coordinators.

39.0 Hours

Fees: \$904.65

🔗 CDPB212 Visual Skills for Publishing

Visual literacy is the ability to interpret elements of design and understand how they are used in specific contexts, but visual skills must be honed if we are to become visually literate. This course addresses the integral role of visual communication in all aspects of publishing. Topics include the history of photography; image research and editing; permissions; editing and design of tables, graphs, diagrams, and maps; editorial-design and marketing-design interaction; technology and typography fundamentals; and effective print and web design.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related

activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

This course is offered in a Mac computer lab on campus or online. Although instruction in Adobe Illustrator, InDesign, and Photoshop will be provided, to complete the work successfully students who are completely unfamiliar with these programs must be prepared to spend time outside class mastering basic techniques through online tutorials.

This course is also offered in the Spring/Summer term as part of 'Publishing Intensive' (CDPB 999).

39.0 Hours

Fees: \$904.65

🔗 CDPB222 Copy and Stylistic Editing II

Prerequisite: CDPB 102

This course explores advanced copy-editing concepts, with a special emphasis on stylistic (line) editing. It's designed for students who have completed Copy and Stylistic Editing I, and for editors who want to enhance their skills. Topics include understanding the differences between copy and stylistic editing; respecting the author's voice; adjusting language and reading level to suit the intended audience; editing figures and tables; and learning to clarify meaning, improve readability, and polish prose. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$904.65

🔗 CDPB280 Audiobook Publishing and Production

Digital audiobooks are the fastest-growing sector in book publishing, offering new opportunities for innovative storytelling and reader accessibility, and additional income stream for publishers. This course offers a comprehensive introduction to the audiobook industry from the perspective of the producer, publisher, and retailer. Students will learn the process of audiobook publishing from start to finish. Topics include pre-production, production, and post-production workflows and best practices, a range of new technology, and industry-specific careers and opportunities.

19.5 Hours

Fees: \$509.27

🔗 CDPB285 Accessible Publishing and Production

Accessibility in digital publishing is now standard in the industry. It means publishing for all readers, including readers with disabilities. By considering the accessible reading experience from all angles, this course offers training in inclusive design, assistive technologies, image descriptions, and the evaluation of accessible content. Students will learn how accessibility is being integrated into all aspects of publishing, from editing to production and marketing, and how to be an effective accessibility lead.

19.5 Hours

Fees: \$509.27

🔗 CDPB300 Children's Classics in the 21st C

This course focuses on children's classics: how to think creatively to keep them in print in the twenty-first century, from nursery rhymes and fairy tales to chapter books, comics, and young adult fiction. Topics will include updated designs, creating new anthologies, mining a publisher's backlist, publicity and marketing, tie-in editions with adaptations for other media, copyright regulations, abridgements and reboots, supplementary texts, and shifting notions of censorship and age-appropriateness.

19.5 Hours

Fees: \$509.27

🔗 CDPB301 Publishing for Children

This course is designed for those who are interested in the particular considerations of publishing books for children. Through a combination of lectures, class discussion, and assignments, the following aspects are covered: different kinds of children's books, from board books to novels; working with authors and illustrators; the special design and production requirements of children's books; marketing books for young people; and issues such as censorship and sexism. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

19.5 Hours

Fees: \$509.27

🔗 CDPB302 Government Reports

Prerequisite: CDPB 102

This course examines the particular problems involved in the preparation and publishing of government and other reports. The approach taken is one of project management, and the skills taught are applicable to many settings. The specific topics covered include working with inexperienced writers; committees as authors and editors; explaining the production process and timetable; establishing editorial, design, and production timetables within strict deadlines; simultaneous publication in English and French; and specific requirements, including documentation and confidentiality. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students with experience in editing may be admitted by permission of the coordinators.

19.5 Hours

Fees: \$509.27

🔗 CDPB304 Scholarly and Reference Publishing

Prerequisite: CDPB 102

This course provides a detailed examination of the publishing process for scholarly and reference books. Discussion focuses on the stages of publishing, including acquisition (proposal evaluation and developmental editing), editing (substantive and copy editing), production, and marketing of scholarly books. The central concerns of the editorial and marketing departments are explored at each stage, with attention to the ways in which the scholarly publishing industry differs from the trade and educational publishing industries. Other topics covered include the peer review process; budgeting for and funding of scholarly books; scholarly journals; CD-ROMs and reference books; and electronic publishing. Homework and assignments involve specific editorial skills related to scholarly and reference publishing (treatment of illustrations, tables and figures, notes, bibliographies, indexes). Students with experience in editing may be admitted by permission of the coordinators.

This course will run during the Winter break.

19.5 Hours

Fees: \$509.27

🔗 CDPB306 Trade Books: Fiction

This course examines the publishing of fiction. Specific topics examined are working with creative writers; particular problems of novels, short stories, or collections; genre editing; and formula fiction. The course provides hands-on experience in how to evaluate problems in fiction manuscripts and the various types of editing (structural, stylistic, copy) they require. It focuses on problems that are specific to fiction, such as dialogue, setting, and character development. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

19.5 Hours

Fees: \$509.27

🔗 CDPB309 Editing Books for Children and Teens

Prerequisites: CDPB 100 or CDPB 102 or CDPB 200 or CDPB 301

This course is for those interested in editing books for young readers, from toddlers to teenagers. Topics include acquisitions of children's and YA (young adults') books; substantive editing and stylistic editing for picture books, novels, and non-fiction; author-editor relationships; and the particular considerations of editing books for developing readers. Students with experience in editing and/or within the children's book industry may be admitted by permission of the coordinators.

19.5 Hours

Fees: \$509.27

🔄 CDPB310 Proofreading for Books, Journals, and Reports

Prerequisite: CDPB 102

This course will present the knowledge and skills needed for the proofreading of typeset material, with additional attention to proofreading electronically published texts. It will be of interest to those involved in the editorial process, layout, and management of the production process. Subjects will include principles and vocabulary of typography and layout; tools and reference materials; copy-to-copy and ‘cold’ proofreading methods; editorial responsibilities; evaluation of typesetting practice, including word breaks, spacing, and balance; proofreading of illustrations, figures, tables, and maps; preliminary pages, headers and footers, folios, and documentation; colour checking; second and subsequent proofs; printers’ proofs; and on-screen proofreading methods. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students with experience in copy editing may be admitted by permission of the coordinators.

This course will run during the Winter break.

19.5 Hours

Fees: \$509.27

🔄 CDPB311 Indexing for Books, Journals, and Reports

Prerequisite: CDPB 102

This course is for anyone going into publishing of non-fiction books, journals, or reports, or those already working in publishing who wish to add to their skill set. The focus will be on back-of-the-book indexing with additional application to journals, reports, and websites. Specific topics include general principles of indexing; kinds of indexes and their parts; the mechanics of indexing and indexing software; alphabetizing; punctuation; names and titles of publications in an index; editing an index; and the business of freelance indexing. Although the emphasis is placed on the practical craft of indexing, the art of an elegant index will also be addressed. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Students with experience in editing may be admitted by permission of the coordinators.

Material Fee: Students may be required to purchase student versions of indexing software.

This course will run during the Fall and Winter breaks.

19.5 Hours

Fees: \$509.27

🔄 CDPB312 Practical Grammar and Punctuation

This course demystifies subjects that many people today find daunting. It is aimed at native English speakers who feel they write competently but who wish to improve their understanding of grammar and punctuation, either for their own writing or in preparation to study editing. It will focus on building a useful vocabulary of language terms; identifying types of words (parts of speech) and their function in a sentence; studying groups of words (phrases and clauses), how they interrelate, and how punctuation illuminates these relationships; reviewing the roles of punctuation marks; applying punctuation principles to create clear, grammatical sentences; and understanding the evolving nature of “correct” English. If English is your first language and you would like to feel more confident in your writing skills, this course will interest you. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$904.65

🔄 CDPB313 Mktg Books for Children and Teens

This course will introduce the broad scope of marketing avenues for children’s books in Canada, including traditional media, social media, and online strategies. Students will analyze the challenges of the children’s publishing sector by close examination of recent case studies and marketing campaigns. Specific topics include market research, managing the marketing budget, author interviews and tours, targeting reviews, how to write a press release and other promotional copy, and working as a sales representative.

19.5 Hours

Fees: \$509.27

🔄 CDPB314 Legal Publishing

This course provides a framework for anyone considering a career in legal publishing. Students will learn how legal professionals are trained, the publications they use, and the publishers that deliver them. Once legal professionals are in practice, legal publishers continue to provide products and services, ranging from print and e-books to online databases. A focus will be put on the impact of technological innovation and how the industry is adapting to find growth opportunities.

19.5 Hours

Fees: \$509.27

NEW!

🔄 CDPB315 Editing Recipes and Cookbooks

This course examines the principles of cookbook editing, with a focus on editing recipes to ensure successful results. It explores the parts of a cookbook, as well as recipe structure, terminology, ingredient lists, methods, headnotes, yields, and special features. Authorial voice and editing for the readership are also addressed. In addition, students will learn strategies for creating effective editorial correspondence and a record of style decisions to ensure coherency throughout. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

19.5 Hours

Fees: \$509.27

🔄 CDPB803 Digital Publishing and Production

Digital publishing and production is an ever-changing and integral area of the publishing industry. This course addresses the relevant technologies, workflows, and formats encompassing digital publishing. Topics include ebook formats, digital workflow, markup languages and associated technologies, digital publishing tools and processes, digital asset management, specifications, and metadata. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

To successfully complete the coursework, you must have access to a computer running a Mac or PC/Windows operating system. A Chromebook or tablet does not have the software and tools required to complete assignments.

To succeed in this course, you must know the fundamentals of computer use: creation and use of file folders; copying and deleting files; cutting and pasting; downloading files from D2L Brightspace, email, or a website; and browser use. If you do not have these computer skills, it is strongly recommended that you take Production for Books, Journals, and Reports (CDPB 105) and/or Visual Skills for Publishing (CDPB 212) before tackling this course.

39.0 Hours

Fees: \$904.65

CDPB999 Publishing Intensive

The Publishing Intensive allows participants to complete six of the eight courses required to earn the Certificate in Publishing through an intensive three-month (12-week) program. This unique fast-track program covers both print and digital publishing, including overviews of industry sectors, both trade and educational, as well as skills-based training in copy editing, production, sales and marketing, and design skills for publishing. Enrolment is limited to 25 students.

For further information about the program, contact the Academic Coordinators, Kelvin Kong and Meg Taylor, at publish@torontomu.ca.

234.0 Hours

Fees: \$5427.90

Creative Writing

NEW!

🔹 CWWR110 Introduction To Creative Writing

Are you interested in creative writing but don’t know where to start? This workshop is designed for those who are curious about creative writing and would like to try out a number of writing styles (poetry, fiction, nonfiction) and techniques. Participants will gain insight into the craft of creative writing, begin to develop their own practice and will read and respond to the work of their peers. Through ongoing writing activities, participants generate a portfolio of their best work.

Who Teaches CWWR 110?

Casey Plett is the author of *Little Fish* and *A Safe Girl to Love*. She is the winner of the Amazon First Novel Award and the Firecracker Award for Fiction, and she is a two-time winner of the Lambda Literary Best Transgender Fiction Award. She co-edited *Meanwhile, Elsewhere: Science Fiction and Fantasy From Transgender Writers*, which won the ALA Stonewall Barbara Gittings Literature Award, and she has written for *The New York Times*, *McSweeney’s Internet Tendency*, *Maclean’s*, and *them*, among other publications.

24.0 Hours

Fees: \$0

🔹 CWWR410 Short Fiction Writing - Level I

Do you want to write a story, but have no idea how to start? Do you need encouragement? A firmer grasp on basic techniques? This is an introductory workshop designed to help you find your voice and your nerve. In an atmosphere of good humour and mutual respect, participants will write and read aloud their own work. The instructor will emphasize point-of-view, plotting, dialogue, and character development, always with an eye to releasing the writer within you. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

25.0 Hours

Fees: \$561.78

❖ CWWR415 Fiction and Non-Fiction Writing

This is an extension of CWWR 410. Students will have the opportunity to post longer pieces for the class to critique in detail. Work may be fiction (short or long), memoir, or travel writing. We will also work with discussion topics and short homework assignments.

Who Teaches CWWR 415?

Whitney French is a writer, multidisciplinary artist, and publisher. She edited the anthology *Black Writers Matter* a collection of creative nonfiction, the winner of the Saskatchewan Book Award for Publishing 2020. As a Hurston Wright Foundation fellow, Whitney French is a self-described Black futurist, with writings in ARC Poetry, GEIST, the Puritan Magazine, WATER Magazine, CBC Books, and Quill and Quire. She has lectured and presented in a number of spaces including Spellman College, Festival of Literary Diversity, Wayne State University, SOHO House, Aga Khan Museum, and Howard University. Having worked as both a developmental and acquisitions editor, French is now the co-founder and publisher of Hush Harbour, the only Black queer feminist press in Canada. Whitney French is a certified arts-educator and teaches Creative Writing at Toronto Metropolitan University. Currently, she lives in Toronto.

25.0 Hours

Fees: \$535.01

Inclusive Media

NEW!

❖ CDIM100 Inclusive Media and Regulations

This course focuses on inclusive design, CC and AD process and technologies, state of art in research, and industry requirements. Students will be able to identify and describe relevant legislation and regulations that apply to CC and AD, apply them to a variety of media venues, and understand how they are implemented and used in industry settings. Finally, they will be able to identify gaps and issues in the current landscape of standards and research.

8.0 Hours

Fees: \$164.42

NEW!

❖ CDIM101 Respeaking for Live Captioning

Prerequisite: CDIM 100

This course focuses on re-speaking, technologies, sources of error, paraphrasing, and software options related to closed captioning (CC). Through lectures and hands-on practice students are introduced to software-creating CC. Upon completion, students will be able to identify the technologies associated with the production and distribution of CC, outline the variety of errors in CC, create equivalent paraphrased captions that maintain meaning, and produce CC for one 5- minute segment for television and for online video.

21.0 Hours

Fees: \$431.63

NEW!

❖ CDIM102 Audio Description

Prerequisite: CDIM 100

This course consists of lectures about media languages, script writing, voicing techniques, audio processing and hands-on practice which are dedicated to using softwares to create AD. Upon completion of this course, students will be able to understand the different languages used in an audiovisual production and their importance in AD, the different AD styles, to write one AD script for different media and genres, and voice one AD script using different professional softwares.

21.0 Hours

Fees: \$390.51

DESIGN AND ARCHITECTURE

Architectural Science

🕒 CKAR205 Building Codes and Regulations

An advanced course on codes and regulations governing planning, design, and construction in Canada. Municipal planning by-laws, the Ontario/National Building Codes, standards, and other regulatory documents will be examined in detail. The application process in obtaining permits and approvals for development will also be examined. Students will be expected to complete a code analysis of a small building.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$1048.85

🕒 CKAR215 Computer-Aided Architectural Drawing

An introductory/intermediate lecture/laboratory course in architectural drafting and technical drawing utilizing AutoCAD (a computer-aided drafting system). Students will also be given an introduction to basic computer operations (MS Windows), and will be expected to complete a partial set of architectural working drawings.

39.0 Hours

Fees: \$1048.85

🕒 CKAR310 Materials and Methods

This course introduces the methods and materials of building construction with an examination of construction systems and components including: foundations, walls, floors, roofs, doors and windows, and finishes. Materials of construction are introduced and placed into the context of the interconnected systems that make up buildings.

39.0 Hours

Fees: \$1048.85

🕒 CKAR500 Sustainable Buildings

Prerequisite: CKAR 310

The built environment has a substantial impact on the environment, specifically on energy and material resources. This overview course examines the sustainable development of buildings by examining how building process, materials, methods, components, and systems affect the environment and how designers such as architects and engineers have alternatives to affect a smaller environmental footprint. The course will include case studies and may include a field trip and/or guest speakers.

39.0 Hours

Fees: \$1048.85

🕒 CKAR601 Building Science for Architectural Preservation and Conservation

An intermediate level course in building science examining the biological, chemical, and physical properties of the envelope and components of building structures as impacted by the internal and external environments. The proper material selection and methods of assembly of building envelope and components for durability, sustainability, and serviceability will also be investigated.

39.0 Hours

Fees: \$1048.85

🕒 CKAR785 Building Info Modelling (REVIT)

This course is an introductory/intermediate course, training BIM users through the basic procedures of designing an integrated building model. Topics include project creation, navigation and display concepts, designing with components, working with levels, creating and editing walls, adding doors and windows, creating floor and roof objects, working with view properties, object styles, loading and modifying family components, adding dimensions and annotations, adding and modifying drawing sheets, and plotting procedures.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & A and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$1048.85

Design Management

★ CDDM101 Introduction to Design Management

This course is an introduction to design management principles and best practices. It explores the link between design and the managing of design business activities. It outlines the function of the design manager as the orchestrator of other creative professionals including designers, technologists, and administrators. Topics include leadership and team building; multidisciplinary alliances; client relationships; designer/client contracts; the studio environment; and corporate culture and organizational frameworks. (Equivalent to IDE 302.)

39.0 Hours

Fees: \$610.27

★ CDDM102 Design Management II

This course continues the study of design management and the role of the design manager. It explores strategies for leveraging the skills of designers in various industry sectors. Topics include integrating the design function with business strategy, applying user-centred design to achieve organizational goals, design's critical role in innovation, technology in design, and effective project management. (Equivalent to one Professional elective from Table I, see Interior Design program in Undergraduate Program Calendar.)

39.0 Hours

Fees: \$610.27

🌀 CDDM103 Design Management Project

Department Consent Required

This independent research course allows students to integrate, apply, and reflect back on the knowledge insights gained throughout the Design Management program. Students choose a research topic in consultation with the course instructor. Research topics should relate to aspects of design management explored in the program and might include design for competitiveness, socially responsible design, design's role in mitigating negative environmental impacts, or design innovation in an organizational context.

39.0 Hours

Fees: \$753.76

Interior Design

🌀 CDID150 Design Theory

This is an introductory course that focuses on the multiple disciplines and concepts that impact the foundation of design at both a micro and macro level. Students will be introduced to the basic elements and principles that demonstrate visual organization and provide the tools for analyzing and synthesizing the application of design. This course will provide the theoretical underpinnings that allow students to creatively apply knowledge to both two- and three-dimensional design assignments and projects. In addition, the course may include field trips, collaborative and individual assignments, and in-class studio/lab work. Supplies and materials to be purchased by the student: A list of supplies and materials required will be given to students after the first class.

39.0 Hours

Fees: \$886.69

★ CDID151 Interior Design I: Drafting

Prerequisite: CDID 150

The first of a series of courses providing an introduction to four primary performance objectives which relate to drafting, planning and research, professional ethics, and the sensory environment. The focus of this course is visual communication to provide the student with a foundation in manual drafting practices through a series of drawing exercises relating to small scale residential interior spaces. CDID 151, combined with CDID 152, CDID 251, and CDID 252, is equivalent to IRN 100 and IRN 200. Supplies and materials to be purchased by the student: A list of materials and equipment required will be given to students after the first class. Cost approximately \$200-\$225.

39.0 Hours

Fees: \$599.83

★ CDID152 Interior Design I: Space Planning

Prerequisite: CDID151

This course introduces the analytic and problem-solving skills relating to space planning of small-scale residential interior spaces and sequences that function effectively for people using them. Visual communication using manual drafting practices learned in CDID 151 is applied to interior design studio exercises. CDID 151, combined with CDID 152, CDID 251, and CDID 252, is equivalent to IRN 100 and IRN 200. Supplies and materials to be purchased by the student: Students are expected to have all the required equipment from previous prerequisite courses. Additional supplies and materials are required. Cost approximately \$200.

39.0 Hours

Fees: \$599.83

🌀 CDID153 Interior Materials and Finishes

Prerequisite: CDID 150

“Interior Finishing” introduces the principles, regulations, standards, systems, materials, and details of standard residential and commercial floor, wall and ceiling surface treatments, millwork and textiles, and the finishes applied to them. Fire rating, VOC (volatile organic compound) emissions and sustainable design are introduced.

39.0 Hours

Fees: \$807.85

🌀 CDID157 Kitchen and Bathroom Design

Prerequisite: CDID 151

Kitchens and baths are essential to everyday living; they need to be designed so that they function as well as they look. Students will explore the specific requirements associated with kitchen and bath design. With an emphasis on the design process, this course covers the design of efficient and aesthetic kitchens and baths, including space considerations, equipment, current trends in materials, as well as human factors. Note: It is recommended that CIRC 113 be completed before enrolling in this course

39.0 Hours

Fees: \$795.46

★ CDID170 Drafting for Entertainment

Students will be introduced to the basic elements of drafting and its practical application to describing scenographic space, including: theatre, film, television, new media and site-specific installations, staged photography, and virtual scenery. Special attention will be given to the similarities and differences of staging between the media, with consideration given to sightlines and POV, safety and ergonomics, and special scenic effects. Plans, direct elevations, elevations, sections, isometric drawings, and storyboards will be explained and practiced. This course will enable students to describe their design interpretations in CFPN 501 and CFPN 601. (Equivalent to one Professional elective from Table I, see Undergraduate Program Calendar.)

39.0 Hours

Fees: \$599.83

NEW!

🌀 CDID500 Fundamentals in Lighting

This course has been developed to give a useful synopsis of basic lighting principles. Understanding the quality of light through the investigation of best design practices and manufacturing techniques of illumination engineering and science available. Some of the areas include colour and colorimetry, energy efficiencies, glare control, photometry, units of lighting measurement and calculations. Students gain a fundamental knowledge of technical information sufficient to understand essentials of lighting design.

39.0 Hours

Fees: \$795.46

NEW!

🌀 CDID505 Lighting Photometric Software

In this professional practice course, lectures and interactive design challenges will be presented to allow for investigation into lighting photometric calculation software and other digital analysis tools. This course will teach the technical aspects of using AGi32 to generate lighting calculations and 3D visualizations while introducing AutoCAD as a basic computer-aided software to use as a reference for the lighting design approach.

39.0 Hours

Fees: \$886.47

NEW!

🌀 CDID520 Lighting Controls & Energy Management

Prerequisite: CDID 500 OR CDID 501

This course studies the relationship that has existed between the building control systems and the various lighting types and techniques that implement them. Using case studies and assignments, students will learn and evaluate the varying systems and protocols to get a better understanding of the relationship between the lighting design process and control specifications. As the industry evolves, luminaires and control system will play an even bigger role in how we utilize and regulate the architectural space.

39.0 Hours

Fees: \$795.46

NEW!

🌀 CDID540 Daylighting Design & Techniques

Prerequisite: CDID 505

The course covers daylight availability, delivery systems, computations, and application of prediction models. Understanding the techniques of bring quality daylight into interior spaces by looking at a variety of applications and methods that include visual performance, sun path analysis, thermal loads and energy, shading systems. The concept of daylighting design will be introduced, and students will calculate and evaluate the quality of daylight in the built environment.

39.0 Hours

Fees: \$795.46

🌀 CDID553 Lighting Design Practicum

Prerequisites: CDID 500, CDID 505, CDID 520, CDID 540 and CDID 560;

This course is an advanced-level course which stresses individual study, self-motivation, the skills required to research information, oral and written presentation, and client communication skills. Students work with the guidance of a recognized Canadian or international lighting designer on a significant project or projects.

39.0 Hours

Fees: \$1070.05

NEW!

🌀 CDID560 Intermediate Lighting Design

Prerequisites: (CDID 500 or CDID 501) and CDID 505

This course is a studio base structure where students will develop an architectural lighting design that addresses the lighting design process. Emphasis is placed on comprehensive, practical solutions to design, budget, energy and systems integration. Further review and integration of lighting which are more challenging to quantify, such as colour, form, space, plane, rhythm, balance, and texture will build the students knowledge as it is applied to their projects. Students will get access to industry professionals to discuss the lighting design process and gain a better insight to this multifaceted industry.

39.0 Hours

Fees: \$795.46

★ CIRC112 Introduction to Digital Communication

Prerequisite: CIRC 113

Introduction to Digital Communication introduces basic computer applications used in the interior design profession and allied creative disciplines. Students will execute standard computer aided design commands and operations while learning the procedural language that is required to analyze and critique design.

39.0 Hours

Fees: \$606.09

★ CIRC113 Introduction to Visual Communication

Introduction to Visual Communication introduces students to visual communication using the foundations of orthographic drawing with manual drafting skills in addition to various media. These techniques support abstract and technical concepts as a means to think rigorously about communicating through drawing.

39.0 Hours

Fees: \$606.09

☆ CIRL100 Intro to World Art I: Pictorial Arts

Not available to students in Architecture, Fashion, Image Arts, Interior Design or New Media programs.

This is an introduction to the study of art history from a cross-cultural perspective. The function of the pictorial arts (principally painting and sculpture) within religious, social and economic systems will be the primary focus of study. Students will be introduced to the diversity of artistic expression from across the globe and throughout history while they learn the fundamental principles and aims of pictorial expression and formal analysis.

39.0 Hours

Fees: \$589.39

☆ CIRL500 Modern and Contemporary Art, Design

Introduction to modern art and design from 19th century avant-garde to the present. Students will learn about art, architecture and design in a period that has witnessed extraordinary changes in concepts and practices and the fundamental changes in the roles of institutions, individuals and audiences that support them. Students will explore the ways content, media and definitions of art and design reflect the circumstances of their production and conditions that have endured throughout the period.

39.0 Hours

Fees: \$589.39

Landscape Design

🌀 CKLA310 Landscape Construction, Materials and Methods

The purpose of this course is to understand and investigate the origins, characteristics, and design applications and methodologies used in landscape construction. The process of designing, selecting, pricing, sourcing, constructing, and maintaining hard and soft landscape materials are discussed. Life cycle and sustainability of material selection is woven into the course content. This course will run during the Fall break.

Includes two Saturday or Sunday field sessions of three hours to visit landscape sites. Dates and times to be announced by the instructors.

39.0 Hours

Fees: \$1004.96

🌀 CKLA320 Plant Materials

This course presents and evaluates deciduous and evergreen woody plant materials as basic structural design elements of the landscape. It covers introduced species as well as those native to Canada. Students will become familiar with the range of landscape applications for the species covered, as well as the relationship between their autecology and site selection. This course will run during the Winter break.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Includes two Saturday or Sunday field sessions of three hours to visit landscape sites. Dates and times to be announced by the instructors.

39.0 Hours

Fees: \$1004.96

🌀 CKLA330 Landscape Design Studio

This course deals with the application of landscape design theory in the development of landscapes based on site analysis and program criteria. This studio course will focus on the student's individual exploration of the process of design development and problem solving as a means of preparing creative landscape solutions for a medium scale urban site.

39.0 Hours

Fees: \$1004.96

🌀 CKLA400 Ecology and Sustainable Landscapes

This course examines the fundamental concepts and principles of ecology as a basis for sustainable landscapes. Ecosystem structure, processes, dynamics, and resilience are considered as a basis for facilitating the design and management of landscapes in a variety of land-use scenarios, particularly in urban regional environments. Sustainable land-use practices based upon ecological resilience are investigated. Several ecological frameworks for sustainable landscape design and management including Adaptive Management and Collective Action are presented and analyzed. The on-campus session includes two Saturday or Sunday field sessions of three hours to visit landscape sites. Dates and times to be announced by the instructors.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$1004.96

🌀 CKLA420 Art and Management of Planting Design

Perennial, grasses, and wildflower plant materials continue to be recognized as significant components of a successful landscape planting design. This course focuses on plant identification, planting combinations, and design compositions using native and exotic materials available in Southern Ontario. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$1004.96

🌀 CKLA450 Landscape Restoration

The purpose of this course is to develop an understanding of the basic principles involved in designing and implementing a restoration plan for a disturbed site with an emphasis on naturalization. Participants will receive basic instruction in site assessment, developing restoration objectives, implementation, and monitoring.

39.0 Hours

Fees: \$1004.96

Toy Invention

NEW!

🌀 CDTI100 Principles of Toy Invention

The first course of the series is a deep dive into the toy world. Participants will learn the basic principles of toy invention, the history of toys and their cultural and educational value, the lifecycle of an invention, the different ages and stages of children, and best practices for pitching concepts to toy companies. Department Consent is required for this course. Please contact Lorena Escandon, Academic Coordinator at lorena.escandon@torontomu.ca

26.0 Hours

Fees: \$1361.66

NEW!

🌀 CDTI110 Toy Box

To help inventors find new sources of inspiration and strategies, participants will be exposed to a variety of tools and creative methods, and introduced to “kitbashing” and tinkering. This course will enable participants to practice the creative process by making new toys with pre-existing materials and parts. The process of tinkering will encourage participants to improve their concepts every week. Participants will develop several projects, from ideation, prototypes and iterations, to final presentation.

52.0 Hours

Fees: \$1390.67

NEW!

🌀 CDTI120 The Business Side of Toys - Talk Series

A crucial skill set for inventors to acquire is the business acumen needed to navigate a new industry. This course introduces participants into the business side of the toy invention industry, how to protect their intellectual property, licensing basics, how to brand and market a new toy, how to negotiate and deal with other toy companies and how to follow and adapt to new trends.

13.0 Hours

Fees: \$1361.66

NEW!

🌀 CDTI130 Toy Bootcamp

This toy bootcamp capstone course will enable participants to apply everything they have learned throughout the series into three toy concepts in three different toy categories. Participants will define a new toy concept definition, build a series of prototypes to test in the field, and present their concepts in a demo day with representatives of local toy companies. Through this process, participants will be mentored by a team of specialists and industry professionals.

65.0 Hours

Fees: \$1390.67

HEALTH AND SCIENCES

Biology

NEW!

★ CBLG101 Anatomy and Physiology I

Co-requisites: NSE 101, NSE 111, PPN 101 (for Nursing students only); Not available to students in Bachelor of Science programs in Biology, Biomedical Science or Chemistry.

A comprehensive investigation into the cells and tissues of the human body. Specific content will include homeostasis and how it is maintained in the healthy human body. An exploration of cellular physiology and the nucleus as the control center of the cell will set the stage for the semester. Following this, an investigation into the four primary tissues of the body (epithelium tissue, connective tissue; muscle tissue, and nervous tissue), and the basics of the nervous system. This course is not available for credit in the Bachelor of Science programs in Biology, Biomedical Science or Chemistry.

39.0 Hours

Fees: \$621.71

★ CBLG111 Anatomy and Physiology II

Prerequisites: CBLG 101, BLG 101, NSE 101, NSE 111, PPN 101 (NSE and PPN courses for Nursing students only)

A comprehensive investigation into the major organ systems of the body. Specific content will include: cardiovascular (blood, heart and blood vessels), respiratory, gastrointestinal including nutrition, urinary including fluid/electrolyte and acid/base balance, reproduction and pregnancy including heredity. This course is not available for credit in the Bachelor of Science programs in Biology, Biomedical Science or Chemistry.

This course includes on-campus section(s) for the Spring/Summer 2022 term. To determine on-campus sections look for “Classroom” on the section details summary and/or “Downtown” as the location. Students must be fully vaccinated against COVID-19 and submit proof of vaccination in order to attend on-campus classes. For more details about fulfilling vaccination requirements, visit Chang School’s COVID-19 Information and Updates.

39.0 Hours

Fees: \$621.71

★ CBLG143 Biology I

This course is an introduction to the cellular and molecular mechanisms in the cell. Topics include macromolecule structure and function, enzymes, cell membrane structure and function, cell cycle control, cell division, metabolism, and photosynthesis. Also included is an introduction to genetics and patterns of inheritance, gene expression and developmental biology. Laboratory exercises complement lectures. Note: Attendance at labs is mandatory. You will need to activate your Toronto Metropolitan email account in order to receive communication from your lab instructor.

58.5 Hours

Fees: \$888.83

★ CBLG144 Biology II

Prerequisite: CBLG 143

This course is an introduction to evolution, diversity, and ecology. Topics include natural selection and the patterns of evolutionary change in allele frequencies and speciation. The course will introduce the diversity of living organisms resulting from evolutionary processes. The course will explore how these organisms interact with each other and their physical environment, and the feedback of these interactions on evolution. Laboratory exercises complement lectures. Note: Attendance

at labs is mandatory. Labs begin the first week of classes. You will need to activate your Toronto Metropolitan email account in order to receive communication from your lab instructor.

Come prepared for your lab. You will need a lab coat, safety glasses or goggles, nitrile gloves, and a lab notebook. You should dress appropriately: no shorts, no skirts, no sandals, no open toed or open heeled shoes, and no high heels.

58.5 Hours

Fees: \$888.83

★ CBLG151 Microbiology I

Prerequisite: CBLG 143 and CBLG 144

This course introduces the student to the principles of microbiology. Topics include the history of microbiology, a survey of the different types of microorganisms, prokaryotic cell structure and function, microbial nutrition and growth, microbial metabolism and its applications, and bacterial genetics and gene expression. An introduction to bacterial gene expression will also be covered. The laboratory exercises complement the lectures and introduce the student to basic microbiological techniques and applications.

Note: Attendance at labs is mandatory. Labs begin the first week of classes. You will need to activate your Toronto Metropolitan email account in order to receive communication from your lab instructor.

Come prepared for your lab. You will need a lab coat, safety glasses or goggles, nitrile gloves, and a lab notebook. You should dress appropriately: no shorts, no skirts, no sandals, no open toed or open heeled shoes, and no high heels.

78.0 Hours

Fees: \$1175.76

☆ CBLG181 Biology of a Living City

Antirequisites: CBLG 143, CBLG 144

This course will examine current selected topics in biology including cloning, today’s epidemics, genetically modified foods and environmental issues. Students will be introduced to many fundamental principles of modern biology as well as the history and ethics pertaining to the topics. This course is open to all arts students and has no secondary school biology requirement. (Formerly SCI 181). BLG 181 is not available for credit to students who choose BLG 143 or BLG 144.

39.0 Hours

Fees: \$621.71

☆ CBLG311 Cell Biology

Prerequisite: CBLG 143 and CBLG 144

This course will examine key concepts of cell structure and function. This includes membrane structure and function, membrane transport mechanisms of small molecules and ions, cytoplasmic organization, intracellular targeting and sorting of proteins, membrane trafficking, the cytoskeleton and nuclear organization. We will also examine various methods used to visualize and study cell structure and function.

39.0 Hours

Fees: \$621.71

☆ CBLG599 Biology Facts in Pop Media Sci-Fiction

This course is an exploration of the real science and technology behind the science fiction portrayed in popular media (movies, television, internet and print). Topics may include: cloning of cells and organisms; DNA sequencing and genomics; forensics techniques used in real labs; how to analyze and understand statistics in health related news articles; the chemistry and physiology behind health foods and fads; the pros and cons of genetically modified organisms (GMOs); etc. Students will be able to choose and direct their studies of specific movies, episodes and articles.

39.0 Hours

Fees: \$621.71

☆ CBLG699 Social Factors in Drug Development

Antirequisites: CBLG 143, CBLG 144

Once a drug has been discovered, there are many factors that influence whether it is marketed. This course will explore the societal issues that affect pharmaceutical and biotech companies as they develop new compounds. After an introduction to the Canadian regulatory process, students will discuss topics such as laboratory animal welfare, ethics in clinical research, drug reimbursement and other pressures drug companies face to provide a drug or take it off the market.

39.0 Hours

Fees: \$621.71

NEW!

☆ CBLG850 What is Cancer?

Not available to Biology, Biomedical Sciences, Chemistry, Contemporary Science, and Medical Physics students Antirequisite: BMS 850

Cancer is the most prevalent disease in contemporary world. The basic biology of cancer as well as relevant clinical and therapeutic aspects of the disease will be covered. This knowledge will be then integrated with current public health issues in cancer prevention and treatment. Students will learn how to critically evaluate cancer claims in the news and explore common myths about cancer. Students will also have an opportunity to effectively communicate information about cancer to general public through current forms of media. This course is designed for non-science majors and as such does not require any university level science courses as prerequisites.

39.0 Hours

Fees: \$621.71

Biomedical Sciences

NEW!

☆ CBLG850 What is Cancer?

Not available to Biology, Biomedical Sciences, Chemistry, Contemporary Science, and Medical Physics students Antirequisite: BMS 850

Cancer is the most prevalent disease in contemporary world. The basic biology of cancer as well as relevant clinical and therapeutic aspects of the disease will be covered. This knowledge will be then integrated with current public health issues in cancer prevention and treatment. Students will learn how to critically evaluate cancer claims in the news and explore common myths about cancer. Students will also have an opportunity to effectively communicate information about cancer to general public through current forms of media. This course is designed for non-science majors and as such does not require any university level science courses as prerequisites.

39.0 Hours

Fees: \$621.71

☆ CBMS150 Introduction to the Human Genome

This course for non-science majors aims to explore our current understanding of the principles of genetics as applied to the human genome. The human genome has been fully sequenced and individuals are now choosing elective surgery based on knowledge of their genetic make-up. Students will be exposed to current ideas of the connection between our genes, health and illnesses and to the similarities and differences in genomes and gene expression among individuals and populations.

39.0 Hours

Fees: \$621.71

Chemistry

★ CCHY103 General Chemistry I

Antirequisite: CHY 102, CCHY 104, CHY 123, CCHY 182, CCHY 183

This foundation course begins with an introduction to types of chemical compounds, chemical reactions and stoichiometry. Subsequent topics include the investigation of the states of matter (primarily liquids and gases), solutions and colligative properties, chemical equilibrium, acids and bases, and thermochemistry. This course acts as the first half of a full year general chemistry sequence and is a precursor to CHY 113 General Chemistry II.

39.0 Hours Fees: \$587.31

☆ CCHY104 General Chemistry

This course is intended for Occupational and Public Health students. This course deals with stoichiometry, solution composition, redox reactions, kinetics, equilibrium including aqueous equilibria, acid, bases and salts, thermochemistry, chemical bonding and an introduction to organic chemistry (study of aliphatic and aromatic hydrocarbons).

58.5 Hours Fees: \$866.46

☆ CCHY152 Introductory Organic Chemistry

Prerequisite: CCHY 104 or in Occ. Health and Safety 2 yr UG or

OHS Degree Completion Pathway

Antirequisites: CHY 142, CHY 200, CHY 224

This course is intended for Occupational and Public Health students. An introductory organic chemistry course which includes the following topics: bonding, nomenclature, main functional groups, properties, reactions and characteristics of organic compounds.

39.0 Hours Fees: \$587.31

☆ CCHY183 Introduction to Forensic Sciences

Antirequisites: CBLG 143, CHY 102, CCHY 103, CCHY 104, CHY 123;

Not available to Engineering students nor Faculty of Science students (with the exception of Computer Science, Financial Mathematics or Mathematics and its Applications students).

The popularity of TV shows depicting the science of criminal investigations has impacted the way forensic science is viewed by the public and media. This course will provide non-science students with an introduction to the field of forensic science. Students will develop an appreciation of the critical methods of scientific investigation, reasoning, and communication. Topics will include techniques of chemical analysis, physical investigation, and the role of expert witnesses in crime scene investigations. (Formerly SCI 183).

39.0 Hours Fees: \$587.31

★ CCHY242 Organic Chemistry II

Prerequisite: CHY 142

This course includes the mechanistic approach to the study of organic reactions and includes condensation reactions, aromatic chemistry and pericyclic reactions. Also included are spectroscopic methods of structure determination, organic synthesis and the use of organometallic reagents.

39.0 Hours Fees: \$587.31

☆ CCHY583 Alternative Energies

The focus of this course is on carbon-free renewable energies. Students will first examine the use of carbon-based fuels, and compare and contrast these fuels to carbon-free alternatives including solar, wind, water, hydrogen, and nuclear energies. The course will emphasize qualitative rather than quantitative concepts, and will include social, economic, and environmental impacts of these alternative energy sources.

39.0 Hours Fees: \$587.31

☆ CCHY599 The Business of Chemistry and Biology

A general and conceptual discussion of the biology and chemistry behind consumer and industrial products. Emphasis will be on the innovations that laid the foundation for these products and how they have impacted the economy and/or society. Also to be considered are the challenges related to commercializing innovation from both a consumer and competitive point of view. Case studies will be used to illustrate specific topics.

39.0 Hours Fees: \$587.31

★ CKCH107 General Chemistry Laboratory

Corequisite: CKCH 106 or CCHY 103

Experiments cover the following topics: determination of water hardness, solution preparation, acid-base titration, calorimetry, solubility equilibria, and chemical kinetics. Equivalent to the laboratory portion of CHY 113. Students are required to take CKCH 106 or CCHY 103 before or at the same time as CKCH 107.

39.0 Hours Fees: \$618.61

★ CKCH113 General Chemistry II

Prerequisite: CKCH 106 or CCHY 103

This course builds on the topics introduced in CCHY 103. Emphasis is placed on modern atomic theory, including atomic structure, orbitals, shapes of molecules, bonding theories, intermolecular forces, and periodicity. Additional topics include thermodynamics, kinetics, electrochemistry, solids, and phase changes. Equivalent to the lecture portion of CHY 113.

39.0 Hours Fees: \$607.13

★ CKCH142 Organic Chemistry I

Prerequisites: (CCHY 103 or CKCH 106) and (CHY 113 or CKCH 113)

This is an introductory course based on the mechanistic approach to the study of organic reactions, and includes functionality, IUPAC nomenclature, structural and stereoisomerism, oxidation and reduction, nucleophilic additions, nucleophilic substitutions, eliminations, electrophilic additions of aliphatic compounds. Lecture portion of CHY 142.

39.0 Hours Fees: \$618.61

★ CKCH143 Organic Chemistry Laboratory

Prerequisites: CKCH 107 or CHY 113; Corequisite: CKCH 142

This laboratory course will cover the techniques involved in using the primary wet chemical tools: distillation, extraction, recrystallization, filtration, and rotary evaporation. Measurement of refractive index, melting point, and boiling point as well as some simple syntheses; isolation and purification operations will be carried out. Laboratory portion of CHY 142. Students are required to take CKCH 142 before or at the same time as CKCH 143.

39.0 Hours Fees: \$631.12

★ CKCH225 Biochemistry I

Prerequisites: (CKCH 142 or CHY 200 or CHY 142) and CBLG 143

and CBLG 144

This course deals with the structure, function, and chemistry of the molecular building blocks of the cell. This includes a discussion of water and its properties, amino acids, proteins, nucleotides and nucleic acids, carbohydrates, and lipids. Also included is an introduction to enzyme function and kinetics. Equivalent to the lecture portion of BCH 261.

39.0 Hours Fees: \$631.12

★ CKCH227 Biochemistry Laboratory I

Corequisite: CKCH 225; Prerequisites: (CKCH 142 and CKCH 143)

or CHY 142

The laboratory provides an introduction to the basic biochemical techniques including chromatography, electrophoresis, and spectrophotometry. Laboratory portion of BCH 261. Attendance at labs is mandatory. Labs begin the first week of classes and students must be enrolled prior to the first day class. You will need to activate your Toronto Metropolitan email account in order to receive communication from your lab instructor. Come prepared for your lab. You will need a lab coat, safety glasses or goggles, nitrile gloves, and a lab notebook. You should dress appropriately: no shorts, no skirts, no sandals, no open toed or open heeled shoes, and no high heels.

39.0 Hours Fees: \$684.34

Health Information Management

★ CHIM301 Healthcare Information Analysis

Prerequisite: CHSM 301

Emphasis will be placed on analysis methodologies and the concomitant use of current data analysis software, such as query and reporting tools, on-line analytical processing (OLAP), executive information systems and data mining tools. The key concept will be methods of transforming data into meaningful information for end-users. Analysis techniques include: trending through the use of historical data, impact analysis, variance analysis, and data modeling to allow for scenario testing. The identification of data sources such as Management Information Systems (MIS), the Canadian Institute for Health Information (CIHI), as well as other financial, clinical and demographic data repositories, will also be covered. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & A and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$599.83

★ CHIM303 Intro to Health Coding Classification

Prerequisite: CHSM 301

This course introduces and applies current ICD (International Statistical Classification of Diseases and Related Health Problems) standard classification systems that are used to catalogue and retrieve data in healthcare systems. Emphasis is on developing practical coding skills that maintain data quality. Students will also develop an understanding of how data collected under a variety of classification systems are linked to inform decision-making by policy-makers and managers. This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

Students who do not have the prerequisite and who wish to take this course are advised to contact the Academic Coordinator, Pria Nippak at pnippak@torontomu.ca to discuss options for entry

39.0 Hours Fees: \$599.83

★ CHIM305 Introduction to Health Informatics

This course introduces how information technology is applied in healthcare services. Several concepts, including electronic health records (EHR), eHealth, “infostructure” and their applications in the practice of evidence-based management are explored. A specific focus is on implementing EHR in Canada and other jurisdictions. Ethical issues and health information management are studied. Students also learn how simple software applications are used in healthcare domains. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$599.83

★ CHIM306 Healthcare Interoperability

Prerequisites: CHIM 305

This course provides a foundation on healthcare data, information and knowledge sharing. A specific focus is the importance of interoperability between diverse and distributed systems. New care processes are analyzed and presented through case studies. Various electronic data interchange standards and healthcare coding terminologies are introduced. Students work with standards like SNOMED CT, HL7, and create care information contents in a simulated environment. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

39.0 Hours Fees: \$599.83

★ CHIM307 Human-Computer Interfaces in Healthcare

Prerequisites: CHIM 305

This course introduces fundamental concepts of Human-Computer Interface (HCI) design, usability issues, and integration within the healthcare delivery processes. Fundamentals of human interaction with computers including mental models, multimedia user interface, network-based interactions and visual design principles are introduced. HCI in computerized physician order-entry systems, speech interfaces, computer-based tutoring systems for training health professionals, patient monitoring systems, information-retrieval systems and clinical decision-support systems are analyzed. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$599.83

★ CHIM404 Introduction to Health Economics

This course introduces and applies fundamental economic principles to the health care field. Topics covered include the relevance of markets and incentives to healthcare policy and services, insurance, payment schemes and the economic evaluation of healthcare technologies.

39.0 Hours Fees: \$587.31

☆ CHIM406 Practicum Seminar

Department Consent Required

This course is offered in conjunction with HIM 407. Students and faculty supervisors establish learning contracts detailing the terms and conditions of fieldwork placements. Mid and final seminars provide an opportunity for students to apply theory and collectively share their experiences. This is a graded course.

39.0 Hours Fees: \$587.31

☆ CHIM407 Practicum

Department Consent Required

Students and faculty supervisors establish learning contracts detailing the terms and conditions of fieldwork placements. Subsequent Seminars provide an opportunity for students to apply theory and collectively share their experiences.

39.0 Hours Fees: \$587.31

★ CHIM408 Statistics for Health Services Managers

Antirequisites: CECN 329, CIND 123, CMTH 404, CMTH 480, PCS 623, CGMS 202, QMS 204, QMS 210, QMS 230, SOC 481

This course introduces principles of statistics for use in health services. Topics include study design, sampling, description, summary, and hypothesis testing. Students apply methods such as ANOVA, correlation, chi-square and multiple regression using statistics software. The applied approach develops knowledge and skills necessary to understand health services research and practice evidence-based management. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$587.31

Health Services Management

★ CHSM301 The Healthcare Systems

The course introduces participants to the organization and operation of the health systems of Canada. The initial section focuses on the client as the consumer of health services. Discussion is focused on the historical concepts of the provider-client relationships; integrated client-centered care. Also examined are major institutional and community components and the interrelationships; role of governments and the health professions in shaping the current system; funding; planning for healthcare; the impact of access to services with the shift from the institutionally-based illness model with curative technology to a wellness model stressing client rights, community development and health promotion in a climate of the learning organization with quality improvement initiatives.

39.0 Hours Fees: \$599.83

★ CHSM305 The Management Cycle

Prerequisite: CHSM 301 or HSM 315

This course will explore the manager’s role as it relates to planning, organizing, HRM, budgeting, supervising, evaluation, service delivery, and marketing. Further exploration will center around areas such as organizational development and culture, evolution of organizations, response to change, individual motivation, group dynamics, leadership styles, inter-departmental relations, decision-making, communication, team building, conflict resolution, managing change. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$599.83

★ CHSM307 Principles of Long Term Care Service Del.

Successful completion of this course will enable the student to understand and critically analyze the current system and the impact of expected changes on the delivery of service in the long-term care sector. The course will deal with the policies, values, concepts, and complexities of the health care system in the municipal, provincial, national and international contexts. It will also provide an understanding of the political processes and legislation that have shaped and will continue to shape the delivery of long-term care. Discussion will include the administrative issues and trends in the provision of services to culturally diverse clients of all ages and conditions in both community and institutional environments. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$596.69

★ CHSM330 Managerial Epidemiology for Healthcare

Prerequisites: CHIM 408 or QMS 202 or QMS 210 or QMS 230

It is important for managers to understand the populations they serve. This course will illustrate how the manager can use epidemiological concepts and tools to improve management decisions - from setting rates to predicting staffing needs to marketing the services of the organization. Managers need to know the methods and ideas of epidemiology. The information will be presented in a manner that meets the needs of the healthcare manager. Some of the topics covered will be study designs and descriptive epidemiology; quantitative measures and terminology. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$599.83

★ CHSM407 Healthcare Financial Management

This course assumes a basic knowledge of accounting principles. It focuses on the unique financial management features, reporting policies and analytic tools in health services organizations. It examines different types of budgets including capital and operating budgets, and fixed and variable budgets. It describes budgetary processes and tools and discusses capital expenditure plans and cash flow forecasts. Financial measurement, reporting and evaluation strategies are discussed and students learn how to use a spreadsheet, and how to compute and compare budgets and to calculate variances. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$587.31

★ CHSM408 Program Planning and Evaluation

Prerequisite: CHSM 417

This course develops conceptual and applied understandings of what a program is, how it is developed, and how its performance can be monitored and assessed. It describes the purposes, application and importance of planning and evaluation techniques in the health field and develops strategies for initiating and managing planning and evaluation activities. Fundamental elements of program planning and evaluation are detailed including the specification of program goals, objectives and operational indicators, and the matching of planning and evaluation questions to operational decision-making.

39.0 Hours

Fees: \$587.31

★ CHSM417 Research Methodology

This course builds basic skills in statistics and research methodology in the health field. To ensure the quality, appropriateness and cost-effectiveness of the services they provide, managers must make decisions based on the best available evidence. Even if they do not themselves engage in research activities, they should understand the research process, the assumptions which underlie different research strategies, and be able to critically assess research findings as the basis for decision-making. The course discusses the assumptions of clinical and social research models and the nature and use of health care statistical data.

39.0 Hours

Fees: \$587.31

☆ CHSM418 Practicum Seminar

Department Consent Required

Students and faculty supervisors establish learning contracts detailing the terms and conditions of fieldwork placements. Subsequent Seminars provide an opportunity for students to apply theory and collectively share their experiences. This is a graded course.

39.0 Hours

Fees: \$587.31

☆ CHSM419 Practicum

Department Consent Required

The practicum is the “capstone” course of the program, and provides the opportunity to apply management theory and concepts in a working environment. Students evaluate and analyse on-site management issues within the context of their understanding of organizational systems. A pre-arranged number of hours, per week, will be spent over a negotiated time period in a setting other than their own work setting, although it may be in the same organization. Supervision will be provided by on-site preceptors. This course is graded on a pass/fail basis.

39.0 Hours

Fees: \$587.31

★ CHSM437 Human Resources Management in Healthcare

This course will increase the understanding of the processes involved in merging human talents, needs and aspirations with the requirements of the client-centred health services organization. It builds on the theory and practice of leadership and communication skills, to develop skills and knowledge in human resources planning, recruitment, selection and evaluation. Topics include job analysis, performance appraisal, compensation, quality of working life, continuing professional education, collective bargaining, employee rights, career planning, etc. A case study approach will be used. Methodology: Lecture, discussion, case studies.

39.0 Hours

Fees: \$587.31

Midwifery

★ CMWF108 Aboriginal Childbearing I

This course investigates the realities and experiences of Aboriginal women and families during the childbearing year and how they are shaped by Aboriginal ways of knowing, being and living as well as the intergenerational effects of colonialism. Through a decolonized lens, students examine issues affecting health and wellness balanced with critical analysis around the role of Aboriginal midwives in their communities, working as allies, and providing culturally secure care and support.

39.0 Hours

Fees: \$601.91

Nursing

☆ CNCL700 Nursing Practice I

Prerequisites: CNUC 832, CNUR 600, CNUR 805, CPHL 302 and [(CNUR 850 and CNUR 860) or NUR 80A/B]; Corequisite: CNUR 810

This is the first of two clinical courses in which the students will use nursing and other theorists to guide their practice. Students will apply teaching-learning, communication, health promotion and community health principles when working with individuals, groups and families in community-based settings. Students will practice culturally sensitive, creative and flexible nursing. Emphasis will be placed on critical thinking, self-reflection, utilization of research findings and the application of concepts from leadership and change. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. Prior to registration, you must be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing. Registration also requires submission through the Central Placement Officeseveral months prior to actual enrolment date.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

208.0 Hours

Fees: \$1196.62

☆ CNCL800 Nursing Practice II

Prerequisite: CNCL 700 and CNUR 810;

Corequisite: CNUR 820 or CNUR 823 or CNUR 824 or NUR 825 or NUR 826 or NUR 827 or NUR 828

This clinical course will provide students with the opportunity to consolidate program and course learnings. Using theoretical approaches that are relevant to the practice setting, students will assume responsibility for more complex assignments expected of a beginning level baccalaureate graduate. Critical thinking and reflective practice will be key components of this course. Emphasis will be placed on the multiplicity of nursing roles in hospital and community settings. Students may apply theory from their nursing elective in the final practice setting. Clinical group meetings will be scheduled throughout the term. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. Prior to registration, you must be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing. Registration also requires submission through the Central Placement Officeseveral months prior to actual enrolment date.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

208.0 Hours

Fees: \$1196.62

☆ CNUC832 Community Nursing

Prerequisites: CNUR 816 and CNUR 830; Corequisite: CNUR 600

This course will focus on the role of the community health nurse in working with individuals, families and communities and populations. It will examine in detail current frameworks of illness prevention, health promotion and community development. Nursing roles in a variety of health promotion approaches will be examined. These will include the medical approach, behavioural change strategies, educational strategies, empowerment and advocacy, and social change related to socio-economic environment. The theoretical concepts will be linked to a discussion of current examples of community health programs and research. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enrolled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times. The end dates for these sections have been adjusted to accommodate this requirement. Details will be provided at the start of each course.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

39.0 Hours

Fees: \$606.09

☆ CNUR600 Epidemiology: Major Health Problems

Prerequisite: CNUR 850; Corequisite: CNUR 860

In this course students will examine the principles and methods of epidemiology and apply these to selected populations. Major health problems across the lifespan and recommended intervention strategies will be explored from a primary, secondary and tertiary perspective. How the nurse applies knowledge of epidemiology, when working with individuals, families and communities, will be examined. Current literature and research findings will be utilized to direct discussion and analyze issues. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enrolled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times. The end dates for these sections have been adjusted to accommodate this requirement. Details will be provided at the start of each course.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

39.0 Hours

Fees: \$599.83

★ CNUR805 The Evolution of Theoretical Knowledge

Restriction: Part Time Post Diploma Nursing (NU008) or students enrolled in Full time Post-Diploma Nursing (NU004) who have approval from the Daphne Cockwell School of Nursing.

In this course, the student will explore the philosophical evolution of nursing knowledge as an art and a science. Using a transformation theory base, the student will analyze a variety of nursing theories, concepts, and models, and the root of her/his own perspective of nursing practice. Major emphasis will be placed on the use of a theoretical framework to direct the processes of assessment, clinical judgment, care planning and evaluation. The interrelationship of systems theory and nursing theories, and their application to practice is examined. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enrolled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times. The end dates for these sections have been adjusted to accommodate this requirement. Details will be provided at the start of each course.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

39.0 Hours

Fees: \$599.83

☆ CNUR810 Concepts in Contemporary Nursing Practice

Prerequisites: CNUC 832 and CNUR 850 and CNUR 860

The focus of the course is to analyze, and apply theory and contemporary concepts associated with health and illness, health care delivery, and family development though the lifespan. Discussion will involve individuals and families with a focus on contemporary nursing practice at primary, secondary, and tertiary levels. Examples of concepts to be explored are: client-nurse diversity, self-care, and care-giver burden, chronic illness, resilience, and powerlessness. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enrolled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times. The end dates for these sections have been adjusted to accommodate this requirement. Details will be provided at the start of each course.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

39.0 Hours

Fees: \$599.83

☆ CNUR816 Health Assessment

Restriction: Part Time Post Diploma Nursing (NU008) or students enrolled in Full time Post-Diploma Nursing (NU004) who have approval from the Daphne Cockwell School of Nursing.

This course provides the student with knowledge and skill in the area of health assessment across the lifespan. Content will focus on interviewing, the health history, mental status, cultural beliefs and values, physical assessment of body systems, and will include trans-racial considerations. Assessment of the family, as well as domestic violence screening and assessment are incorporated. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enrolled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times that may vary or extend past the scheduled course end date. Details will be provided at the start of each course.

Students in this course are required to complete a head-to-toe return demonstration exam which may take place on a scheduled day and time that may differ from scheduled in-class lab, or dates assigned for the Distance: Internet version of the course. Students living within a 200 miles distance from Toronto Metropolitan University will complete this exam on campus. However, students at a greater distance may be provided with the following options to complete the return demonstration: at TMU; or to make arrangements to complete the return demonstration at an approved lab setting where there is access to Internet and web-camera capabilities.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

52.0 Hours

Fees: \$799.10

☆ CNUR820 Gerontological and Geriatric Nursing

Prerequisites: (CNUC 832 and CNUR 805 and CNUR 816) or (NSE 32B and NSE 31B and NSE 407 and NSE 306);

Corequisite: NSE 418 or CNCL 800

This course will give students an opportunity to expand their knowledge and skill related to the promotion, maintenance, and restoration of health of the elderly client and family in institutional and community settings. Assessment of the physical and psychosocial well-being of elderly clients, their families and plans of care based on nursing theory will be presented. Current research findings in nursing and related fields will be presented and discussed. The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enrolled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times. The end dates for these sections have been adjusted to accommodate this requirement. Details will be provided at the start of each course.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

39.0 Hours

Fees: \$587.31

★ CNUR830 Current Issues and Future Perspectives

Restriction: Part Time Post Diploma Nursing (NU008) or students enrolled in Full time Post-Diploma Nursing (NU004) who have approval from the Daphne Cockwell School of Nursing.

This course will examine the legal, political, economic and social complexities of current health care delivery systems. Current issues and future perspectives in health care will be critically analyzed in relation to their implication for and their influence on the organized profession, individual nurses and nursing practice. Students will be expected to take personal and professional action in addressing some of these issues through their use of the political process and in the application of research finding. At a beginning level, students will participate in the development of health and social policy. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enrolled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times that may vary or extend past the scheduled course end date. Details will be provided at the start of each course.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

39.0 Hours

Fees: \$599.83

★ CNUR831 Leadership Development for Practice

Prerequisite: CNUR 830

This course will focus on the nurse's role in providing leadership and facilitating change in both personal and professional contexts. Content will include analysis of theory and concepts related to leadership, followership, change and effective communication within a diverse workforce. The impact of Informatics on the delivery of nursing and health care will be explored. The use of research findings and their application to practice will be emphasized. Students will be expected to identify and apply leadership strategies for personal development and professional practice. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enrolled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times that may vary or extend past the scheduled course end date. Details will be provided at the start of each course.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

39.0 Hours

Fees: \$599.83

★ CNUR833 Organizational Context of Practice

Prerequisite: CNUR 831

This course expands students' knowledge of the macro-, meso-, and micro-level factors in the health care system impacting service delivery and professional practice. Students critically analyze forces in the internal and external operating environments influencing strategic management decisions and organizational behaviours. This analysis fosters an enhanced understanding of the broad contextual factors shaping nursing roles and influencing how nurses enact their roles within different health service organizations and settings. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enrolled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times that may vary or extend past the scheduled course end date. Details will be provided at the start of each course.

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39.0 Hours

Fees: \$599.83

☆ CNUR850 Research Methods

Corequisite: CNUR 805

In this course students will examine the contribution of research to the development of nursing science. They will explore the relationships between research and knowledge; and theory and practice. The focus will be on understanding the components of the research process, in the positivist and naturalist paradigms, as well as mixed methods designs. Students will use computer technology to search the nursing and health-related literature. The ethical conduct of research will be addressed. Students will learn to interpret and critically appraise nursing research studies, applying research findings to practice, and identifying areas for further nursing research. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

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See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

39.0 Hours

Fees: \$587.31

☆ CNUR860 Statistics and Nursing

Prerequisite: CNUR 850

In this course the emphasis is on the preparation of statistical data, its analysis and interpretation within the context of the positivist research paradigm in nursing research. Descriptive and inferential statistics will be examined and utilized, from nursing research databases. Students will use computer technology to process numerical data and conduct statistical analyses. Strategies for critically reviewing, integrating and disseminating statistical findings from nursing research will be discussed as well as the implications of the findings for nursing practice. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enrolled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times that may vary or extend past the scheduled course end date. Details will be provided at the start of each course.

See the Nursing website, www.torontomu.ca/ce/nursing, for further information.

39.0 Hours

Fees: \$587.31

CVNU114 Paediatric Health Assessment Workshop

Prerequisite: CVNU 113

This course is aimed at learners who have completed Paediatric Health Assessment (CVNU 113). Participants will synthesize, practice, and be observed while applying specific skills for the assessment of children at various developmental stages. This course will be held at the state-of-the-art SickKids Simulation Lab.

For further information regarding enrolment and scheduling, email cenurse@torontomu.ca.

8.0 Hours

Fees: \$280.55

★ CVNU317 Health and Social Policy

Restriction: Part Time Post Diploma Nursing (NU008) or students enrolled in Full time Post-Diploma Nursing (NU004) who have approval from the Daphne Cockwell School of Nursing.

This course explores the definition of policy, and its contexts, development, and effects at the community, professional, corporate and government levels. It introduces concepts related to policy content, process, outcome, and analysis and it investigates the nurse's role in policy development. The relationship between health and social policy to people, their environments, their health, and nursing is addressed through critical analysis, discussion, small group process, expert guest presentation, and independent study. Case studies relating to current health and social policies will also be reviewed in the classroom setting. Equivalent to Nursing Elective: Special Topics in the BScN program. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

39.0 Hours

Fees: \$587.31

★ CVNU322 Computer and Information Management in Nursing

Restriction: Part Time Post Diploma Nursing (NU008) or students enrolled in Full time Post-Diploma Nursing (NU004) who have approval from the Daphne Cockwell School of Nursing.

In today's health care environment, decisions must be based on sound information to provide quality care in a cost-effective way. Well-informed decisions require accurate, complete, and timely information obtained from well-managed data processes. Health care professionals must be fluent and competent to work with the necessary tools to manage information. Computers and the applications which drive these machines are important to understanding the potential of information management. This course will explore various theories and concepts of information management and will allow the students to further their knowledge of computer concepts and applications. Equivalent to Nursing Elective: Special Topics in the BScN program. In order to take this course, you must have a current nursing registration/licensure with a College of Nurses or nursing regulatory body in a Canadian province or territory. You must also be formally admitted to the post diploma BScN degree through the Daphne Cockwell School of Nursing prior to enrolment in this course.

The scheduling reflects the classroom-based instruction. In addition, students are required to participate in a mandatory weekly Internet component.

Students enrolled in Internet sections of this course are required to write the course test and/or exams online at preassigned dates and times that may vary or extend past the scheduled course end date. Details will be provided at the start of each course.

39.0 Hours

Fees: \$587.31

🌀 CVNU360 Advanced Leadership and Management

Department Consent Required

This course will build on core components of nursing leadership and management, with a specific focus on first-line management roles, using the LEADS in a Caring Environment Framework. Students will examine theories and concepts related to leadership capabilities, as well as develop management knowledge and skills. Applied learning methodologies will be used to develop students' self-reflective, analytical leadership, and management skills. In order to take this course, you must be a member of a regulated health discipline with a minimum of an undergraduate degree or have an undergraduate (or equivalent) degree in health services management.

For department consent, please contact cenurse@torontomu.ca.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$636.00

🌀 CVNU370 Change and Innovation

Prerequisite: CVNU 360 and Department Consent

This capstone course is an integrative course that provides the opportunity for students to apply the LEADS framework and related theories and concepts in a health services setting. Students will plan a change and/or innovation project based on a selected nursing leadership/management issue. A project report will be completed to provide evidence of the application, synthesis, and integration of the dimensions of the LEADS framework, as well as the individual student's focus of study for the certificate.

39.0 Hours

Fees: \$636.00

Physics

★ CPCS110 Physics

Units and vectors. Motion: linear, projectile, circular and oscillatory motion. Newton's laws: Force, mass and acceleration; work, energy and power; linear and angular momentum. Electrostatics: Electric force and field; potential and potential energy; capacitance. Electric current and DC circuits. Magnetic field and force: magnetic force on currents and charges; Hall effect; torque on current loops; Waves: classification of waves; energy transfer; light and electromagnetic waves; diffraction and interference. MAPLE used for simulation/visualization of physical phenomena and problem solving. Not available to Faculty of Engineering and Architectural Science students nor to Faculty of Science students (with the exception of Computer Science Program).

52.0 Hours

Fees: \$799.10

★ CPCS120 Physics I

Antirequisites: PCS 125 and PCS 211

A calculus based course covering fundamental physics concepts: units, vectors, linear motion, circular motion, force and motion, work and energy, collisions, gravitation, electrostatics, capacitance, and simple DC circuits. This course includes a lab.

65.0 Hours

Fees: \$974.38

★ CPCS130 Physics II

Prerequisite: CPCS 120; Antirequisites: PCS 125 and PCS 211 and (PCS 102 or SCI 104)

A continuation of Physics I, calculus-based course. An introduction to oscillations, mechanical waves, magnetism, electromagnetism, optics and nuclear physics. The laboratory is an essential and autonomous part of the course.

65.0 Hours

Fees: \$1248.78

☆ CPCS181 Introduction to Astronomy

Not available to Engineering students.

This course will examine astronomical ideas both in relation to their times and in the light of current scientific theory and technical data. Application of the scientific method will be emphasized in evaluating these data and theories. Method of collection and analysis of data will be presented to help the nontechnical student in asking fundamental questions about scientific theories. Topics covered include cosmology, origin of the stars and galaxies, evolution of stars, the solar system, exobiology, death of stars, stellar remnants and the age of the universe.

39.0 Hours

Fees: \$606.09

☆ CPCS581 Advanced Topics in Astronomy

Prerequisites: CPCS 181 or PCS 510; Not available to students in the Faculty of Engineering and Architectural Science.

The scientific method of investigation will be applied to an in-depth presentation of contemporary astronomical research on cosmology, parallel universes, white dwarfs, neutron stars, black holes, wormholes, Dark Matter, galaxy formation and evolution, Dark Energy, exobiology, the Drake equation and related topics.

39.0 Hours

Fees: \$605.24

INFORMATION TECHNOLOGIES AND COMPUTER SCIENCE

Computer Science

★ CCPS109 Computer Science I

An introductory programming course designed to introduce fundamental Computer Science concepts such as abstraction, modelling and algorithm design. Emphasis is placed on producing correct software. Replaces CPS 513 On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the <Exams for Online Courses webpage.

65.0 Hours

Fees: \$1258.18

★ CCPS209 Computer Science II

Prerequisite: CCPS 109 or CPS 106

A continuation of CPS 109. Emphasis is placed on code structure, algorithm development, and Object Oriented design principles. On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

65.0 Hours

Fees: \$1342.45

☆ CCPS213 Computer Organization I

This course introduces the students to the principles and fundamentals of digital system design. Topics covered include: Binary numbers, base conversions, signed numbers, Boolean algebra, logic gates, K-map method, combinational circuits, decoders/encoders, multiplexers, sequential circuits, flip-flops, state diagram, registers, counters and addressing techniques. (2 hr Lab every other week). On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

65.0 Hours

Fees: \$634.25

★ CCPS305 Data Structures

Prerequisites: CCPS 209

Introduction to data structures and algorithms. Data structures covered will include stacks, queues, lists, trees, and graphs. Algorithm topics will include searching, sorting, hashing, algorithm design, greedy approaches, dynamic programming, recursion and complexity analysis. On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$774.06

☆ CCPS310 Computer Organization II

Prerequisite: CCPS 213 or CPS 211

A continuation of CPS 213. Memory; CPU architecture and instruction set; the instruction processing sequence; generic assembler level programming illustrated for specific CPUs; I/O essentials including interrupts and DMA; characteristics of major peripherals interfaces; RISC and CISC architectures compared; parallel processing. The laboratory requires using a specific assembler/editor for the creation of programs illustrating some of the principles discussed in lectures.

65.0 Hours

Fees: \$954.57

★ CCPS393 Introduction to UNIX, C and C++

Prerequisite: CCPS 209

The course introduces the UNIX operating system, and the C and C++ languages. UNIX topics include: I/O, redirection, processes, and shell scripts. C and C++ are introduced with an emphasis on differences from previously studied languages. C topics include pointers, structures, memory allocation, and paradigm differences. C++ topics include class formalisms, static and dynamic instantiation, inheritance, constructors and destructors, polymorphism with virtual functions, operator overloading, and time permitting, friends. Stream I/O may be introduced. On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$667.64

☆ CCPS406 Introduction to Software Engineering

Prerequisite: CCPS 311 or CCPS 209

This course introduces the study of Object-Oriented software engineering. Topics include software project management, requirements gathering, requirements analysis, modeling, design, implementation and testing. UML diagrams and design patterns are also discussed. A major portion of the course is a team project, taking a system from the initial requirements to the final implementation. (2 hr Lab every other week). On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$806.40

☆ CCPS412 Social Issues, Ethics and Professionalism

This course will cover some of fundamental social, legal, and ethical issues inherent in the discipline of computing. Topics include social context, analytical tools, professional ethics, intellectual property, privacy and civil liberties, professional communication, sustainability and equity issues. On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

39.0 Hours

Fees: \$868.97

★ CCPS420 Discrete Structures

Prerequisite: CMTH 110, CCPS 109; Antirequisite: MTH 210

Introduction to discrete structures as they apply to design and analysis. Review of proof techniques. Induction and recursion. Graphs and trees, and their applications in computing. Finite automata and regular expressions. Counting: arithmetic and geometric progressions, permutations and combinations, modular arithmetic. On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$852.97

☆ CCPS506 Comparative Programming Languages

Prerequisites: CCPS 209

A survey of major programming paradigms, with emphasis on the functional paradigm. Discussion of data typing, program decomposition, scoping rules, control structures parameter passing. Programming languages will likely include commercially important functional languages such as Haskell, Clojure and Erlang, with examples of others as time permits. On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$774.06

★ CCPS510 Database Systems I

Prerequisite: CCPS 305 or (COE 428 and COE 528)

Antirequisite: CITM 500

Advanced file management techniques involving fundamentals of database organization, design and management. Emphasis is given to Relational Database Management Systems including relational algebra, normal Forms, physical Database Structures and their implementation, and Relational Database Languages. Other types of Database Managers are also discussed such as Hierarchical, Network and Inverted Files.

52.0 Hours

Fees: \$774.06

☆ CCPS521 Introduction to Data Science

Prerequisite: CCPS209 and CMTH380 or CPS209 and MTH380

This course is an introduction to different aspects of data science. The focus is on data collection and management and then applying data analytics, statistical and machine learning models on the collected data. The topics of the course include big data, data models, distributed computing, regression and statistical analysis, neural networks, support vector machines, scalable machine learning models, basics of natural language processing, recommendation systems, and analyzing social graphs. All these topics will be discussed at the introductory level. On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$885.29

☆ CCPS530 Web Systems Development

Prerequisite: CCPS 209

This course presents the concepts and applications of the technologies to design and develop creative and successful web services. It covers design fundamentals and also programming languages for both server-side and client-side environments. Responsive design, search engine optimization and monetization strategies are also introduced. On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$634.25

★ CCPS590 Operating Systems I

Prerequisite: CCPS 305 and CCPS 393

Introduction to O/S (system calls, interrupts, synchronous and asynchronous traps, O/S structure), using processes (process communication and synchronization), primitive communications (signals and signal management calls), pipes, messages, semaphores, shared memory, memory management, file systems, and (time permitting) remote procedure calls. On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$847.09

★ CCPS610 Database Systems II

Prerequisite: CCPS 510

This course is a continuation of CPS510. Topics include: embedded DB languages (e.g. JDBC class libraries) and Embedded SQL, Transaction management, Distributed Databases, Transaction Concurrency Control, Concurrency Control through Locking/protocol and time stamps, Object-Oriented and Object-Relational Database Systems, non-structured and NOSQL databases (e.g. Mongo DB). Introduction to big data management, Map-Reduce and Hadoop.

52.0 Hours

Fees: \$774.06

☆ CCPS616 Algorithms

Prerequisites: (CCPS 305 and MTH 210) or (CCPS 305 and CCPS 420) Antirequisite: CPS688

Complexity analysis and order notations, recurrence equations, brute force, divide-and-conquer techniques and the master theorem, transform-and-conquer and problem reduction, greedy method, dynamic programming, the knapsack and travelling salesman problems, graph algorithms, text processing and pattern matching techniques, P, NP, and NP-complete classes. On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$885.29

☆ CCPS633 Computer Security

Prerequisites: CCPS 393

History and examples of computer crime. Security policies and mechanisms. Access control models. Implementation and usability issues. Physical security. Authentication technologies. Operating system security. Encryption algorithms and protocols. External and internal firewalls. Software flaws and malware. Ethical issues in computer security. Sample privacy noncompliance litigation cases, Social implications of computing networked communication.

52.0 Hours

Fees: \$774.06

★ CCPS706 Computer Networks I

Prerequisite: CCPS 590

Internet, the network edge, the network core, delay, loss and throughput, protocol layers. Application Layer: principles of network applications, web. Transport Layer -UDP, connection oriented transport TCP, TCP congestion control. Network layer -The internet protocol (IP): Forwarding and addressing in the Internet. Routing algorithms. The link layer and local area networks. On-campus exam requirement: Beginning Spring/Summer 2023, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$564.36

★ CCPS721 Artificial Intelligence I

Prerequisites: (CCPS 305 and MTH 210 and CMTH 304) or (CCPS 305 and CCPS 420)

This course provides introduction to several important AI problems and techniques, including knowledge representation and reasoning, constraints satisfaction, search, natural language understanding, planning, uncertainty, belief networks, learning. On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$847.09

☆ CCPS844 Data Mining

Prerequisites: CMTH 380

This course introduces the basic data mining concepts, methods, implementations, as well as applications in different areas, especially on the world wide web. Topics covered include the basic data mining techniques, data preprocessing, association rule mining, classification, clustering, web mining, and data mining application (e.g. in web personalization, recommender system, security). At the end of this course, students should be able to implement and use some of important data mining algorithms in practical applications. On-campus exam requirement: Beginning Winter 2023, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off-campus using an approved off-campus invigilation service. Details on your exam date and how to arrange off-campus invigilation can be found on the Exams for Online Courses webpage.

52.0 Hours

Fees: \$774.06

☆ CCPS853 Creating Big Data Systems.

Prerequisites: CCPS406 and (CCPS420 or MTH210) and (CCPS510 or CITM500)

This course will discuss how to build Big Data analytic and transactional systems. The course will provide introduction to the theory and practice of large-scale software systems. We will focus on defining Big Data properties and architecting the systems to accommodate these properties. In addition, we will cover quality assurance of such systems, as well as management (risk estimation, planning, team management, etc.) On-campus exam requirement: Beginning Fall 2022, your final exam will be written in person at the Toronto Metropolitan University campus. If you live more than 100 km from the TMU campus, you may arrange to write your exam off campus using an approved off-campus invigilation service. Details on how to arrange off-campus invigilation will be provided prior to the first day of class. Details on the date of your exam can be found on the Exams for Online Courses webpage.

65.0 Hours

Fees: \$1170.71

🌀 CKCS145 Full Stack Developer

Full stack web development comprises all the layers of web development including: DevOps, front end development, backend development, and databases, employing the “12 Factor App” approach. Core technical skills taught include Python and JavaScript coding, SQL, CI/CD, RESTful architecture & HTTP, Exposing & Consuming APIs, Domain Modeling and Database Design, Web Frameworks, and Modern Javascript UIs. Students build a fully functional website, both back and front ends. Weekly virtual labs are conducted in AZURE.

Students will have a familiarity with Python or be ready to learn Python with the Tutor for this course. The Tutor is paid for in the course tuition.

This class requires students to download VirtualBox (www.virtualbox.org). VirtualBox runs on Linux, MS Windows 10/11 and OS/X. Your computer needs to support Virtual Box with a minimum of 8 GB RAM where 4 GB are available/free. A VirtualBox image will be installed that will use approximately 24 GB of disk space. The VirtualBox image is based on Ubuntu 22.04 LTS and will be provided during first class.

39.0 Hours

Fees: \$1208.56

🌀 CKCS149 Python Programming

Python’s elegant syntax, dynamic typing, and interpreted nature make it one of the most popular programming languages. It is used in many domains including web development, data analytics and machine learning. This course covers Python 3 programming in a practical manner. It starts with fundamental programming concepts and includes Lambda functions, Pandas, and Python libraries for Manipulating, Processing, Cleaning, Crunching, Plotting, Visualizing, Modeling and Analyzing data. This class requires students to download VirtualBox (www.virtualbox.org). VirtualBox runs on Linux, MS Windows 10/11 and OS/X. Your computer needs to support Virtual Box with a minimum of 8 GB RAM where 4 GB are available/free. A VirtualBox image will be installed that will use approximately 24 GB of disk space. The VirtualBox image is based on Ubuntu 22.04 LTS and will be provided during first class.

39.0 Hours

Fees: \$1208.56

🌀 CKCS150 Introduction to Programming in Python

Python’s elegant syntax and dynamic typing, together with its interpreted nature, make it an ideal language for scripting and rapid application development, in many areas and on most platforms. This course starts with a gentle introduction to programming in Python for data analysis. It covers essential Python libraries for Manipulating, Processing, Cleaning, Crunching, Plotting, Visualizing, Modeling and Analyzing data. This course will be taught in a computer lab.

39.0 Hours

Fees: \$1208.56

CKCS850 Querying Relational Databases Using MySQL

This is a soft launch course for Microcredentials.

6.0 Hours

Fees: \$350.00

NEW!

CKCS851 Web Accessibility Auditing and Reporting

Is your website accessible? Does it meet the Accessibility for Ontarians with Disabilities Act (AODA) standards that need to be fully implemented by 2025?

The COVID-19 pandemic accelerated the growing public demand for digital inclusion and many individuals and organizations have yet to catch up. Digital accessibility remediation is costly and time-intensive, especially when working with external vendors. By upskilling in the area of digital accessibility, you will contribute towards a sustainable, digitally accessible future.

This microcredential assesses your ability to conduct web accessibility audits and reports, and if successful, receive formal recognition with a Toronto Metropolitan University digital credential. You will be evaluated by an expert assessor to confirm you can do the following:

Perform a web accessibility audit

Produce a web accessibility report according to standard reporting formats

Implement the relevant tests, tools, and strategies for the context/situation when evaluating web accessibility

This microcredential includes non-facilitated, preparatory material and an assessment. You will complete an assessment that will be evaluated by an expert assessor to determine if you have demonstrated mastery in this skill area.

8.0 Hours

Fees: \$450.00

NEW!

CKCS852 Designing Accessible Word Documents

Are you creating accessible digital documents? Do they meet the Accessibility for Ontarians with Disabilities Act (AODA)* standards that need to be fully implemented by 2025?

The COVID-19 pandemic accelerated the growing public demand for digital inclusion and many companies and organizations have yet to catch up. Digital accessibility remediation is costly and time-intensive, especially when working with external vendors. Companies need workers that can contribute towards a sustainable, digitally-accessible future.

This microcredential includes non-facilitated, preparatory material and an assessment. Individual work will be evaluated by an expert assessor to determine competency.

7.0 Hours

Fees: \$450.00

Computer Security and Digital Forensics

🔗 CKDF110 Computer Network Security

This course introduces fundamental concepts and notions of computer security, focusing on security threats, vulnerabilities, and available defence mechanisms. Students are exposed to ethical hacking, use of hacking methods for computer network vulnerability assessment and penetration testing. Various protection methods will be presented including auditing systems, monitoring techniques, and various Intrusion Detection Processes and technologies used for discovery of hackers and advance notice of cyber threats. Students will apply what they learn in scenario-based projects. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Knowledge of TCP/IP is recommended.

Students must have a Windows or Linux computer operating system; the Apple (Mac) operating system is not supported by this course.

Brampton Location: City of Brampton City Hall, West Tower, 41 George Street South (Room: WT-2A)

39.0 Hours Fees: \$1004.96

🔗 CKDF120 Computer Cryptography and Digital Steganography

This course introduces the fundamentals of modern cryptography as related to computer security and digital forensics, including the techniques of steganography, watermarking, digital signatures, and public key cryptography. Students will learn both the theory of cryptographic protection and the practicalities of properly implementing crypto-protection in the field, as well as how forensics experts deal with encrypted information. Students will apply what they learn in scenario-based exercises and projects. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Knowledge of TCP/IP is recommended.

Students must have a Windows or Linux computer operating system; the Apple (Mac) operating system is not supported by this course.

Brampton Location: City of Brampton City Hall, West Tower, 41 George Street South

39.0 Hours Fees: \$1004.96

🔗 CKDF130 Digital Forensics Systems

This course introduces digital forensics notions and techniques. Students will gain a basic understanding and legal awareness of computer security and forensics, techniques used in the evidentiary process, various methodologies intrinsic to computer forensics with emphasis on computer incident response, and IT systems protection. The importance of ethics, understanding rules of evidence, effective communications, key elements of research and seizure relative to privacy legislation will also be discussed. Students will apply what they learn in scenario-based projects. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Knowledge of TCP/IP is recommended.

Students must have a Windows or Linux computer operating system; the Apple (Mac) operating system is not supported by this course.

Brampton Location: City of Brampton City Hall, West Tower, 41 George Street South

39.0 Hours Fees: \$1004.96

🔗 CKDF140 Security Architecture and Design

This course addresses security architecture and design by considering case studies. In addition, the course will survey computer security frameworks, controls and objectives, and standards and pronouncements. Methods of threat risk assessment (TRA) will be reviewed, with particular emphasis on social and human factor engineering, hacker profiling, and risk management. Security policies and procedures, enforcement, and monitoring will also be covered. Students will apply what they learn in scenario-based exercises and projects. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Knowledge of TCP/IP is recommended.

Students must have a Windows or Linux computer operating system; the Apple (Mac) operating system is not supported by this course.

Brampton Location: City of Brampton City Hall, West Tower, 51 George Street South (Room: WT-2A)

39.0 Hours Fees: \$1004.96

🔗 CKDF145 Certified Information Systems Security Professional (CISSP)

The Certified Information Systems Security Professional (CISSP) certification program, offered by the (ISC)², validates the information security professional's deep technical and managerial knowledge and experience. With a unique Canadian perspective, this course helps students prepare for the CISSP exam and covers the eight domains: Security and Risk Management, Asset Security, Security Architecture and Engineering, Communications and Network Security, Identity and Access Management, Security Assessment and Testing, Security Operations, and Software Development Security. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Knowledge of TCP/IP is recommended.

Students must have a Windows or Linux computer operating system; the Apple (MAC) operating system is not supported by this course.

Brampton Location: City of Brampton City Hall, West Tower, 41 George Street South

39.0 Hours Fees: \$1004.96

🔗 CKDF150 Digital Forensics Investigation

Department Consent Required

This capstone course provides a hands-on opportunity for students to utilize what has been learned throughout the program: identifying vulnerable system resources; devising security controls, policies, and procedures within the context of a security architecture and design; selecting and deploying appropriate hardware/software controls and countermeasures to reduce exposure; and implementing a cohesive security environment which includes monitoring, feedback, and metrics. Participants will complete a practical project related to computer security and/or digital forensics. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Knowledge of TCP/IP is recommended.

Students must have a Windows or Linux computer operating system; the Apple (Mac) operating system is not supported by this course.

This course will run during the Winter break.

39.0 Hours Fees: \$1004.96

Geography

☆ CGEO106 Geographies of Everyday Life

This course examines environmental and spatial aspects of human life, primarily at the scale of the individual, the neighbourhood and the community. Specific topics to be considered include sense of place, mental maps, territoriality, community dynamics, and human impacts on the landscape.

39.0 Hours Fees: \$589.39

★ CGEO108 Geography of the Global Village

This course explores the factors that contribute to and characterize globalization. Starting with a discussion of basic ecological concepts and the impacts of the industrial revolution on current global socio-economic and environmental issues, this course examines population dynamics, quality of life indicators and the world food system, and offers new strategies to deal with environmental degradation.

39.0 Hours Fees: \$589.39

☆ CGEO110 The Physical Environment

In this course, the physical environment is investigated from the perspective of appreciating the natural limits that earth systems impose. Themes in climatology, hydrology and geomorphology are examined in order to develop an understanding of how natural balances originate, and afford opportunities and constraints for a modern lifestyle. Specific topics include weather systems, water budgets, erosion by streams and waves, and the enhancement of stability in natural systems.

39.0 Hours Fees: \$570.61

★ CGEO131 Energy, Earth and Ecosystems

This course takes a systems-based approach to understanding the dynamics of Planet Earth and how humans interact with it. The principles, concepts, and applications of physical and environmental geography are introduced through learning about the energy that drives our ecosystems, the resources on which we depend, and the environmental challenges facing Canadian society in a global context. One component of the course is field-based.

39.0 Hours Fees: \$649.90

★ CGEO151 Location, Location, Location

Antirequisite: PLG 300

This course provides an understanding of locational processes, especially those related to business (industry, retail, office) and residential land uses by concentrating on three themes. Social diversity examines how changing demographics create changes in neighbourhood characteristics. Economic restructuring considers how economic changes impact location and make-up of economic activities. Smart growth investigates managing city growth, while still maintaining healthy environments.

39.0 Hours Fees: \$649.90

★ CGEO301 Marketing Geography

Antirequisite: GEO 302

This course addresses the spatial aspects of business decision making. Emphasis is placed on measuring the factors and assessing the methods associated with site evaluation and market area analysis.

39.0 Hours Fees: \$570.61

☆ CGEO605 The Geography of the Canadian North

The North is a unique region within Canada. Profound changes are taking place, including the economic dominance of the resource industry, the rise of Aboriginal political power, and questions surrounding Arctic sovereignty. All of these issues are underlain by the uncertainty of climate change and how best to adapt. This course will explore physical and social dimensions of the Canadian North and discuss how geographic analytical techniques can be applied to northern issues.

39.0 Hours Fees: \$570.61

☆ CGEO702 Technology and the Contemporary Environment

Antirequisite: CGEO 703; Not available to students in Occupational and Public Health - Occupational Health and Safety option nor Public Health and Safety option.

The contemporary world is influenced to a very considerable extent by technology. However, relationships between this technology and our environment continue to be the subject of considerable public debate. The geographic dimensions of these environmental controversies provide a convenient and meaningful framework for their analysis. In this course, both recurring and contemporary environmental issues are examined in terms of implications for North American society. GEO 702 is not available for credit to students who choose GEO 703.

39.0 Hours Fees: \$570.61

★ CGEO720 The Inner Landscape of Culture

What does it mean to live as a member of a particular culture? This course addresses the concept of culture as both a reflection and a determinant of human experience. Examples from Canadian and global settings support an exploration of the elements and processes of culture.

39.0 Hours Fees: \$646.78

☆ CGEO793 The Geography of Toronto

Founded in 1793 on First Nations territories, Toronto is Canada's largest metropolitan area and arguably a world class city. Although Toronto may reflect some of the characteristics of Canada as a whole, it is a distinct geographical space. This course provides students with an understanding of Toronto, by examining interrelated historical, social, cultural, political, and environmental issues. Throughout the course, North American and global perspectives are considered, where appropriate.

39.0 Hours Fees: \$646.78

☆ CGEO802 The Geography of Recreation and Leisure

Antirequisite: CGEO 803

This course explores recreation and leisure from a number of perspectives. It examines the relationship between recreational choice and demographic and life-style correlates, technology, and faddism. It evaluates symbolic recreational environments and the role of natural areas. It explores many of the social and environmental costs associated with recreational development. GEO 802 is not available for credit to students who choose GEO 803.

39.0 Hours Fees: \$570.61

★ CGEO820 The Outer Landscape of Culture

This course examines the ways in which cultures express themselves through natural, built, and symbolic landscapes. The nature and significance of cultural change are considered at both regional and global scales.

39.0 Hours Fees: \$646.78

NEW!

🔗 CODC910 Spatial Methods in Crime Analysis

Prerequisites: CODG 101 and CODG 102

This course will provide students with an opportunity to practice identifying crime trends, patterns, and offenders, which inform tactical and strategic operations as well as community policing programs. Students will use current Geographic Information System (GIS) and data management tools to complete lab assignments based on the main theories and research strategies used in law enforcement crime analysis today. Students will conduct analysis using crime data from publicly available datasets.

39.0 Hours Fees: \$722.29

NEW!

🔗 CODC911 Crime Analytics Project

Prerequisite: CODC 910

The Crime Analytics Project is a capstone course which synthesizes the multidisciplinary foundation, established through the student's studies in the program. The project is designed to have a practical application within law enforcement and to demonstrate a comprehensive understanding of analytics. Students will be required to demonstrate an understanding that analytics are substantially more than just a tool and that there is a social responsibility associated with directed deployment-type analytical methods.

39.0 Hours Fees: \$722.29

★ CODG101 Spatial Databases and Digital Cartography

Department Consent Required;

Antirequisite: CODG 100 and COGT 100

This course introduces the fundamental concepts of digital spatial databases and cartography to students enrolled or contemplating enrolment in the Certificate in Applied Digital Geography and GIS. Spatial data, that is, data that are geographically referenced, are at the core of a geographic information system (GIS). The ways in which spatial data are structured in a database have enormous implications for their use and the ways in which the data are mapped have important consequences for their interpretation. This course will explore the processes of spatial data collection, input and display, and the basic geographic and cartographic principles underlying those processes. Thus it will focus specifically on the nature of spatial data, database structures, and the visualisation of digital spatial data. Both ArcGIS and MapInfo Professional GIS software will be used. For department consent please contact Dr. Raymond Garrison at rgarrison@torontomu.ca

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$688.47

★ CODG102 Digital Geography and Spatial Analysis

Department Consent Required; Antirequisite: CODG110 and COGT110

This course introduces students to the geographic principles underlying the analytical capabilities of geographic information systems (GIS) and provides the 'hands-on' opportunity for students to utilize GIS for spatial analysis. Specifically, students will have experience with thematic mapping, attribute querying and spatial selection, geocoding, buffering, manipulating layers, basic topological transformations, as well as implementation issues in the workplace. At the end of this course, students should have fundamental knowledge and skills in utilizing GIS to perform a variety of analytical applications. For department consent please contact Dr. Raymond Garrison at rgarrison@torontomu.ca

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$688.47

🔗 CODG123 Digital Geography Applications in Utilities Planning

Prerequisites: (CODG 100 orCODG 101) and (CODG 110 orCODG 102)

Geographic Information Systems provide utilities planners and managers with an array of analytical and productivity enhancing tools for managing data. In this course, practical knowledge and skills related to the understanding and use of digitally represented geographic databases are introduced. Emphasis will be given to linear networks such as gas, water, transportation, and electrical distribution facilities.

39.0 Hours Fees: \$996.86

🔗 CODG124 Digital Geography Applications in Business Decision-Making

Prerequisites: (CODG 100 or CODG 101) and (CODG 110 or CODG 102)

This course is directed at students wishing to apply digital geography and GIS solutions to business location problems. The course outlines the role of GIS in business decision-making. Topics include market area analysis, geodemographics, database acquisition and management, data mining, data quality, statistical analysis, software/hardware platforms, and georeferencing established business data.

39.0 Hours Fees: \$996.86

🔗 CODG125 Digital Geography Applications for the Municipal Professional

Prerequisites: (CODG 100 orCODG 101) and (CODG 110 orCODG 102)

The course is directed at students wishing to apply digital geography and GIS in municipal settings. The course considers GIS as mission-critical business tools for municipalities as it develops students' technical skills with GIS software. Topics include enterprise GIS, publishing and access to information, mobile GIS, data standards, governance, best practices, data dissemination issues, and municipal business solutions.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$996.86

🔗 CODG126 Digital Geography Applications in Environmental Management

Prerequisites: (CODG 100 orCODG 101) and (CODG 110 orCODG 102)

This course is directed at students wishing to apply GIS solutions in managing the diverse data representing the natural and human environment. This course uses both theoretical concepts and hands-on GIS experience in order to provide students with the knowledge and skills necessary for effective use of GIS in environmental management.

39.0 Hours Fees: \$951.96

★ CODG132 Customizing GIS Software: Applications Programming

Prerequisites: (CODG 100 orCODG 101) and (CODG 110 orCODG 102)

This course advances the efficient uses of spatial databases and GIS. The focus is on the refinement of the operation of GIS via customizing graphic user interfaces (GUIs), macro languaging and scripting. Use of market-leading tools will provide the means for developing the skills required for automating spatial processing algorithms. Equivalent to GEO 541.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$688.47

🔄 CODG133 Map Algebra: Topology and Overlay

Prerequisites: (CODG 100 orCODG 101) and (CODG 110 orCODG 102)

How is information extracted from digital maps, air photographs, or satellite images? This course examines the logic and steps involved in fulfilling information needs via the manipulation of available layers from such products, using such operations as searching, selecting, sorting, regression, overlay, reclassification, cross tabulation, and other methods.

39.0 Hours

Fees: \$951.96

Degree Credit

Certificate and Degree Credit

Certificate Credit

★ CODG135 Digital Image Processing and Applications

Prerequisites: (CODG 100 orCODG 101) and (CODG 110 orCODG 102)

This course investigates the principles of remotely sensed digital data, the techniques used to process digital images, and the applications to spatial decision making. The formats of digital image data and the procedures used in image rectification and registration, image enhancement, and image classification are examined. There will be an emphasis on utilizing digital image data within a GIS. A number of specific applications within resource management, environmental impact assessment, and urban and regional planning will be undertaken to demonstrate the value of such integration in solving geographic problems. Equivalent to GEO 542.

39.0 Hours

Fees: \$688.47

🔄 CODG136 Web Mapping

Prerequisites: (CODG 100 orCODG 101) and (CODG 110 orCODG 102)

This course will examine Web 2.0 technologies including Google Maps, Virtual Earth, the concept of ‘Mash ups’, crowd sourcing, cloud computing, resource oriented architectures, all in the context of digital web mapping and online GIS analysis with respect to the neogeography movement (non-expert users). Online mapping technology will be combined with online information sources to create new ways of effectively delivering geospatial analysis. Attention will be given to developing cartographically appealing and appropriate high impact websites while optimizing usability and performance.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$996.86

🔄 CODG210 Spatial Database Management Systems

Prerequisites: CODG 101 and CODG 102

GIS professionals often need to work with very large datasets, both within and outside of a GIS. This course examines the management of those data, from modelling geographic space in different ways appropriate for user needs, to utilizing query languages specific to spatial data, and being able to integrate data in different formats. In addressing those topics, special focus will be put on the current object-relational database model and ESRI’s ArcSDE. The importance of data warehousing to spatial decision-making will also be addressed.

39.0 Hours

Fees: \$996.86

🔄 CODG211 Advanced GIS Programming

Prerequisite(s): CODG 132

This advanced-level course is intended for students that have previous programming experience in Python and a strong interest in programming specifically for solving spatial problems. We will look at both a mainstream commercial product (ESRI’s ArcGIS Desktop) as well as numerous free open source spatial and non-spatial toolsets. Students will build upon their solid foundation in Python by working with numerous python libraries that are commonly used to integrate, customize, automate, and extend GIS technologies to meet the requirements of end users.

39.0 Hours

Fees: \$951.96

🔄 CODG212 Spatial Statistical Methods

Prerequisites: CODG 101andCODG 102

This course is designed to provide GIS practitioners with a number of statistical tools that will enhance their analysis of spatially related phenomena. Three broad areas will be examined: clustering, spatial autocorrelation and spatial autoregression; interpolation using a variety of techniques including Kriging; and data mining. Each section is introduced by briefly examining standard, non-spatial statistical methods and contrasting them with the spatial techniques that will move understanding of spatial relations beyond the mere visualization to the exploration and modelling of spatial data.

39.0 Hours

Fees: \$951.96

🔄 CODG213 Internet GIS

Prerequisites: CODG 101 and CODG 102

This course will examine the impacts of the Internet on traditional GIS by comparing the components of a distributed GIS with the traditional desktop platform. Investigation of Internet technologies that have made Web mapping and analysis possible will prepare students to work with a variety of these technologies. The course will also focus on the important elements of Web server administration, including running, setting up, and maintaining websites using different authoring technologies.

39.0 Hours

Fees: \$951.96

🔄 CODG220 GIS Implementation

Prerequisites: CODG 101 and CODG 102;Student must be enrolled in the Advanced Applied Digital Geography and GIS certificate.

This course is designed to provide a critical overview of the step-by-step procedures used in managing a GIS project from its inception through its development as a strategic plan to the management of its implementation. Opportunities will be provided for those working in the field to critically examine the project management approaches used within their organizations. Those who are not currently working in the GIS field will be given an opportunity to develop and carry forward a project through every step of the process as if they were acting as outside consultants in a field of their choosing.

39.0 Hours

Fees: \$951.96

🔄 CODG221 GIS Project

Prerequisites: CODG 101 and CODG 102;Student must be enrolled in the Advanced Applied Digital Geography and GIS certificate.

This course gives students the opportunity to work in a team and to consolidate their technical and conceptual knowledge by using a Geographic Information System to solve a real-world problem. It is important that students define their project so that it can be undertaken in one semester using data that are currently available. It is expected that students will use the skills developed in their specialty courses to define and carry out their analysis.

39.0 Hours

Fees: \$951.96

Information Technology Management

★ CITM100 Foundations of Information Systems

Antirequisites: ITM 277

Information systems are an integral part of all business activities and careers. This course is designed to introduce students to contemporary information systems and demonstrate how these systems are used throughout global organizations. The focus of this course will be on the key components of information systems - people, software, hardware, data, and communication technologies, and how these components can be integrated and managed to create competitive advantage. Through the knowledge of how IS provides a competitive advantage students will gain an understanding of how information is used in organizations and how IT enables improvement in quality, speed, and agility. This course also provides an introduction to systems and development concepts, technology acquisition, and various types of application software that have become prevalent or are emerging in modern organizations and society. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

39.0 Hours

Fees: \$904.06

★ CITM102 Business Information Systems I

Antirequisites: CITM 100, ITM 101, ITM 277. Not available to Business Technology Management students.

This course introduces students to the role of information technology in the modern enterprise with a focus on applying technology to achieve and maintain competitive advantage. The main premise is the introduction of information technology infrastructure and services to support operational efficiency, decision-making, and digital business. Emphasis is on the development of critical thinking and analytical skills through real-life applications and case studies. During the lab component, students gain hands-on experience with Microsoft Excel. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Please note: The online version of this course uses SAM software that must be installed on a PC: the software is not compatible with Mac computers.

Online Sections Only: Lectures for this course will be pre-recorded and available until the end of the exam period. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$904.06

☆ CITM107 Managerial Decision Making

Antirequisites: QMS 110, QMS 130

The course emphasizes how to apply various mathematical techniques in the support of managerial decisions in the various functional areas of business. It is subdivided into three major parts: part one covers the study of linear phenomena, including linear functions, matrices, systems of linear equations, linear inequalities, and linear programming; part two covers non-linear phenomena and focuses mainly on quadratic, exponential, and logarithmic functions; and part three examines probability concepts including uncertainties, conditional probability, and Bayes’ formula. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$728.78

★ CITM200 Fundamentals of Programming

Prerequisite: CITM 207

This course covers the fundamental principles of object-oriented, event-driven program design and implementation in a business environment. Emphasis will be placed on logic development, program design, modularity, structured programming standards, maintainability, testing and debugging. Specifically the course will include the following programming features: memory variables; object methods and properties; the logic constructs - sequence, branch, case and loops; simple arrays; basic file structures; validation and error handling. The course will be taught in a lecture and lab design where a GUI programming language will be used to reinforce the theoretical concepts taught in class. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Section DA0: This section of the course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$728.78

★ CITM207 Computer-Enabled Problem Solving

The course covers the basic data representation and processing constructs necessary to problem solving using computers. This includes the development of algorithmic solutions to data processing problem through the use of workflow concepts such as sequence, selection, and iteration. In addition, the course address select fundamental problem solving strategies such as the decomposition of data processing problems into multiple tasks whose functions are coordinated within a specified workflow. Computer simulation and/or implementation tools will be used to provide hands on application of covered concepts using business problem solving examples. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Section DA0: This section of the course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$728.78

★ CITM301 IT Infrastructure

Prerequisite: CITM 207 or in the two-year Business Tech. Ontario College Diploma Graduate Program

This course provides an introduction to computer hardware/software and communication networks. It gives the students the knowledge and skills that they need for communicating effectively with professionals whose special focus is on hardware and systems software technology and for designing organizational processes and software solutions that require in-depth understanding of the IT infrastructure capabilities and limitations. It also prepares the students for organizational roles that require interaction with external vendors of IT infrastructure components and solutions. The prerequisites may be waived if the student has specific professional experience. Registered certificate program students without the course prerequisites who wish to take this course, may contact the Academic Coordinator, Farid Shirazi, at f2shiraz@torontomu.ca for more information.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours **Fees: \$792.43**

★ CITM305 Systems Analysis and Design

Prerequisite: CITM 100 or CITM 102or in the two-year Business Technology Management Ontario College Diploma Graduate Program;

The course covers the key concepts, techniques, and methodologies relevant to the process of developing information systems (IS). The course focuses on the development of requirements, analysis, and design models of the system to be. The specifications of these models are done using the Unified Modeling Language (UML). In addition, the course provides a contextual coverage of the system development life cycle and select concepts of IS construction, deployment and project management respectively. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Section DA0: This section of the course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours **Fees: \$792.43**

★ CITM315 Server Administration

Prerequisite: CITM 301

Servers and networks provide the foundation for information handling in businesses and organizations throughout the world. Effective network management plays a vital role in ensuring that this foundation is sound. In this course, students will learn concepts and practice hands-on skills related to network administration by exploring a popular server operating system. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours **Fees: \$712.09**

★ CITM350 Concepts of e-Business

Prerequisite: (CITM 100 or CITM 102); Antirequisite: CITM 550; Not available to Business Technology Management Students

This course explores the concepts, technology, and applications of electronic business (e-Business). It covers the technical, social, and business changes that contribute to the evolution of e-Business and its importance to today's business activities. It reviews how to develop business strategies and architectures to seize these opportunities. It explains the technological infrastructure needed to support an e-Business system and describes how these systems are built. The course also examines characteristics and examples of e-Business. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours **Fees: \$712.09**

★ CITM410 Business Process Design

Prerequisite: CITM 100 orCITM 102or in the 2-Year Business Technology Management Ontario College Diploma Graduate Program

This course introduces the principles of business process design for performance improvement. A systematic approach is used to teach students how to develop the design requirements for new business process architectures. Emphasis is placed on how to evaluate business process problems, analyze and design business processes to ensure organizational efficiency and effectiveness when new technologies are implemented. Opportunities for process improvement are based on the business strategy, the value proposition, improvement objectives of the organization, and the implementation of of-the-shelf software systems (eg. ERP, CRM, SRM). This course is intended to develop students' understanding of, and competence in the use of appropriate methods, tools and techniques of process analysis and design for organizational improvement. To ensure the development of the necessary competencies, students will work on a case study and use state-of-the-art business process frameworks, analysis and design methodologies and appropriate software tools to analyze, simulate and design the business process solutions. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours **Fees: \$792.43**

★ CITM500 Data and Information Management

Prerequisite: CITM 207; Antirequisite: CPS 510

This course provides the students with an introduction to the core concepts in data and information management. It is centered around conceptual data modeling techniques, converting the conceptual data models into relational data models and verifying its structural characteristics with normalization techniques. The course will include coverage of basic database administration tasks and key concepts of data quality and data security. Building on the transactional database understanding, the course provides an introduction to data and information management technologies that provide decision support capabilities under the broad business intelligence umbrella. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Online: Online sections of this course are fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours **Fees: \$792.43**

★ CITM501 Prescriptive Analytics and Simulation

Prerequisites: CQMS 210 or CQMS 202 or QMS 204 or in the 2-year BTM Public Ontario College Diploma Graduate Program

This course provides an overview of prescriptive analytics and simulation techniques important to developing solutions to business problems. This course will take a problem-driven approach to developing students' skills in applying decision trees, decision tables, linear programming, and Monte Carlo and discrete event simulation techniques applied to real-world problems. Students will be required to do problem formulation, develop applications and implement problem solutions using industry-standard software tools. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

39.0 Hours **Fees: \$712.09**

★ CITM600 Data Communications Network Design

Prerequisite: CITM 301

This course will provide students with an understanding of how telecommunications networks are designed and deployed to support e-commerce, multimedia, and web-centric business applications. Network planning concepts, network analysis, network design tools, and techniques are introduced. The objective of this course is to understand the design and analysis of data communications networks through the introduction of case studies and practical network design methodologies. The course will cover industry-standard applications for emergent infrastructure technologies. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours **Fees: \$766.34**

★ CITM610 Database Administration

Prerequisite: CITM 500

This course covers the Database Administration (DBA) role for large-scale relational databases. It specifically will deal with the following: the approach to the installation and upgrading of software and utilities; techniques for the allocation of the database to physical devices and directories; the creation of user authorities and controlling access to data and resources; management of data storage; analyzing database performance and implementing procedures for optimizing performance; procedures for the backup and recovery operations. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

39.0 Hours **Fees: \$712.09**

☆ CITM618 Business Intelligence and Analytics

Prerequisites: [(CITM 207 or CITM 200) and (CQMS 102 or CQMS 210)] or in the two-year Business Technology Management Ontario College Diploma Graduate Program

This course provides an introduction to business intelligence and analytics, defined as the extensive use of data, statistical and quantitative analysis, exploratory and predictive models, and fact-based management to drive decisions and actions. The development and use of data warehouses and data marts, and the application of selected data (including text and web) mining techniques to business decision making is illustrated. Students actively participate in the delivery of the course through case and project presentations. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

39.0 Hours

Fees: \$712.09

★ CITM706 Enterprise Architecture

Prerequisites: CITM 410 and ITM 415

This course focuses on business analysis, organizational processes, enterprise architecture, and security/risk management. This course explores the design, selection, implementation and management of enterprise business processes from the perspectives of IT capabilities. These capabilities are typically organized and presented as enterprise architecture, consisting of high-level internally compatible representations of organizational business models, data, applications, and information technology infrastructure. Students will learn frameworks and strategies for infrastructure management. They will hone their ability to communicate technology architecture strategies concisely to a general business audience. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$711.21

☆ CITM707 Strategy, Management and Acquisition

Prerequisites: ITM 706and CITM 750

This course explores the issues and approaches in managing the information systems function in organizations and how the IS function integrates / supports / enables various types of organizational capabilities. It takes a senior management perspective in exploring the acquisition, development and implementation of plans and policies to achieve efficient and effective information systems. The course addresses issues relating to defining the high-level IS infrastructure and the systems that support the operational, administrative and strategic needs of the organization. The remainder of the course is focused on developing an intellectual framework that will allow leaders of organizations to critically assess existing IS infrastructures and emerging technologies as well as how these enabling technologies might affect organizational strategy. The ideas developed and cultivated in this course are intended to provide an enduring perspective that can help leaders make sense of an increasingly globalized and technology intensive business environment. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$712.09

★ CITM711 Cloud Computing

Prerequisite: CITM 301; Antirequisite: ITM 703

This course will provide a comprehensive coverage on the concepts, architectures and technologies of cloud computing from a business perspective. It provides a deep-down analysis of architectures and mechanisms that capture the real-world of cloud platforms. It dives into all of the details that organizations need to know in order to plan for developing applications on cloud and what to look for when using applications or services hosted on a cloud. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$712.09

★ CITM750 IS Project Management

Prerequisite: CITM 305; Antirequisites: CGMS 450, CPS 714

This course provides students with a more in-depth understanding of the tools and techniques of project management as it applies to IT-enabled process improvement projects. The ability to plan and execute projects successfully is consistently ranked among the most important skills among information technology professionals. The course is based on the industry-standard Project Management Body of Knowledge (PMBOK) and provides cutting-edge techniques for project planning, scheduling, budgeting, human resources, quality, procurement, communication, and risk management. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

Section DAO: This section of the course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$712.09

★ CITM820 Information Systems Security and Privacy

Prerequisite: CITM 301; Antirequisites: ITM 420, CCPS 633

This course considers the technical, operational, and managerial issues of computer and network security in an operational environment. Industry best-practices relating to computer security including schemes for breaking security, and techniques for detecting and preventing security violations are the core focus of this course. This course will also explore the principles of data privacy, threats to privacy, international and national policy, particularly related to privacy-enhancing technologies as they apply to the management of information systems and e-Business. Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$638.00

NEW!

CZIT200 Blockchain Architecture and Applications

This course focuses on key elements of blockchain architecture: what blockchain is, how it works, and its applications in different industries. The course covers different concepts such as public-key cryptography, mining, hashing algorithms, and different consensus algorithms. Students will gain practical knowledge of platforms available to design a blockchain-based framework and know how to distinguish between private and public blockchain. Applications, such as how blockchain is used in Cryptocurrencies, supply chains, and healthcare, are discussed.

39.0 Hours

Fees: \$709.64

🔒 CZIT427 Data and Info. Mgmt for Privacy

This course will give students an understanding of the concepts, terminology, and issues related to data and information management in the context of access and privacy. Students will be introduced to theories, standards, and techniques underlying information management programs and practice that will enable them to communicate with practitioners from a variety of information management related disciplines. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

39.0 Hours

Fees: \$730.04

Robotics and Embedded Systems

🔗 CKRE110 Digital Logic and Hardware Architecture

This course provides the core knowledge and competencies of logic design, Boolean algebra, and essential Verilog and VHDL statements describing behavioural functions such as counters and other finite state machines. Participants master the ASIC design flow from examples of logic and circuit design analysis, computer abstractions, and performance metrics. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$1004.96

🔗 CKRE120 Programming Robotics Systems

Embedded software is found in today's electronic and robotic devices. This hands-on course introduces and then augments participants' knowledge of C programming, including the embedded language features required for robotics and embedded systems programming. The course expands participants' competencies in embedded systems programming, including practical, hands-on, in-class programming activities. It is recommended students take CSCI 130 and have C programming experience prior to taking this course.

39.0 Hours

Fees: \$1004.96

🔗 CKRE130 Embedded Systems Hardware Architecture and Implementation

This course provides a broad overview of robotics and embedded systems architecture. Students will gain a working and practical knowledge of embedded hardware, firmware, and applications. The course covers concepts pertaining to current embedded technology as it exists in the industry today, including many diagrams and applicable computer code.

39.0 Hours

Fees: \$1004.96

🔗 CKRE140 Real-Time Embedded Systems Programming

This course will introduce and explore the programming language and operating systems facilities essential to the implementation of real-time, reactive, embedded, robotic, and/or networked systems. It will provide the knowledge of practical system issues raised from design and programming. Differentiated issues arising from design, concurrent, reactive, safety-critical and embedded systems will be explored in depth. Simple hands-on development is facilitated with an embedded system development kit. It is recommended students take CSCI 130 and have C programming experience prior to taking this course.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$1004.96

🔗 CKRE150 Emerging Issues in Robotics and Embedded Systems

This capstone course will allow participants to synthesize and apply what they have learned to robotic or embedded device design, device building, and implementation. Participants will analyze selected case scenarios and best practices when building their embedded device product. The final work project allows participants to demonstrate a broad mastery of learning across the curriculum and to hone their ability to employ specific strategies that incorporate best practices and meet regulatory requirements. The work project and resulting embedded device product may be used by the participant for career portfolio purposes. This course may be taken as individualized study/directed reading; please contact the Academic Coordinator, Alex Ferworn, at aferworn@torontomu.ca prior to enrolling.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$1004.96

★ CSCI130 Mobile Robotic Devices Embedded Systems

This course provides applied learning in inventing and programming mobile robotic devices (e.g., cell phones, drones) with embedded or electronic systems. Students engage in hands-on mobile robotic device embedded systems applications and invention through the planning and execution of mobile robotic device systems development, facilitated with mobile robotic kits for embedded system development. This course also provides project management process flow-throughs on planning and executing mobile robotics and embedded systems devices. Previous experience with C is strongly recommended. In lieu of this experience, knowledge of object-oriented languages, such as C# or C++, would also be helpful.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$761.24

LATER LIFE LEARNING

ACT II STUDIO

❖ CSAC101 Introduction to Acting I

Discover the joy of acting in a playful, relaxed, and supportive environment. You'll stimulate your imagination, awaken your senses, develop your listening skills, and learn about stagecraft. Instructor: Clara McBride

15.0 Hours

Fees: \$230.34

❖ CSAC102 Introduction to Acting II

Prerequisite: CSAC 101

Discover the actor's basic tools for bringing text and characters to life, with a special session devoted to movement, breath, and voice.

Instructors: Nicole Wilson

15.0 Hours

Fees: \$230.34

❖ CSAC109 Introduction to Clown

Antirequisite: CSCC 900

The clown touches on your most authentic self and is the basis of all acting. Discover your personal clown through games, improvisation and intuitive exercises meant to evoke a sense of fun. Learn to become keenly aware of your environment and develop an honest response to your impulses. Learn to interact with your audience with openness.

Instructor: Vrenia Ivonoffski

The instructor will have some noses for sale or bring your own.

12.0 Hours

Fees: \$231.56

❖ CSAC114 Introduction to Scene Study

Prerequisite: CSAC 102 or CSAC 106

Breathe life into text! Using David Mamet's 'Duck Variations' we'll analyze the text and explore motivation, character, structure, rhythm, and how to make interesting choices.

Instructor: Vrenia Ivonoffski

12.0 Hours

Fees: \$202.46

❖ CSAC115 Scene Exploration I

Prerequisite: CSAC 106 or CSAC 114

Learn how to analyze and activate a short text and make strong choices using objective/obstacle/action. Develop and strengthen your creative impulses through scene work and improvisation. Class work will be presented at a matinee or in class. Class limit: 12 students.

Instructor: Jimi Shlag

18.0 Hours

Fees: \$332.19

CSAC124 Essential Movement for Actors

In this course students will deepen their kinaesthetic sense by increasing their coordination, balance and dynamic alignment in order to free patterns of tension to prevent injuries and experience more ease. Students will learn to access more physical, emotional, and vocal presence using techniques and theories from the Alexander Technique, Body-Mind-Centering, Pilates, Laban, Viewpoints, and Ensemble Improvisation. This course is open to all levels; modifications will be offered as necessary for each person.

Instructor: Suzanne Liska

15.0 Hours

Fees: \$241.26

❖ CSAC151 Playwriting Basics

We'll explore the basic elements that work together to create a dramatic and compelling stage play.??Using in-class writing exercises and readings, we will examine the essential components that make up dramatic storytelling: structure, character, style, dialogue, and conflict. Students should register at least one week before the start date and will receive an email with information on preparing for the first class.

Class limit: 20 students

Instructor: Beverley Cooper

6.0 Hours

Fees: \$107.89

❖ CSAC156 Playwriting I

Prerequisite: CSAC 151

You will be guided, in a supportive environment, to apply the fundamentals of playwriting to writing a 10-minute play - a great template for longer work. Through discussion and writing exercises we will get the creative juices flowing. We'll cover story lines, character development, dialogue, and scene shaping. This course is suitable for playwrights at all levels. Class limit: 12 students.

Instructor: Beverley Cooper

15.0 Hours

Fees: \$270.47

❖ CSAC169 Acting on Camera A to Z

A basic introduction to acting and auditioning on camera. Topics: Camera action basics. Getting the call. Handling auditions. Analysing sides (scripts). Cold readings. Connecting with another actor. Class limit: 14 students.

Instructor: Graham Orwin

15.0 Hours

Fees: \$270.47

❖ CSAC190 Introduction To Neutral Mask

This course will take you on a powerful journey of physical self discovery. You will experience how to move in an authentic, energized, and intentional way, devoid of personal character traits and physical noise which can interfere with your acting. This course will help you find a calm, joyful, and centred core from which to work.

Instructor: Vrenia Ivonoffski

Please wear comfortable, solid coloured (preferably black) clothes you can move in.

9.0 Hours

Fees: \$180.10

NEW!**CSAC195 Greek Comedy**

In this course, we will bring an iconoclastic gaze to ancient Greek comedies and satyr plays in order to tease out the historical, mythological, political, and literary significances of these texts. In so doing, we will ask how and why we make comedies, and what makes a good one.

Instructor: Alexander Offord

This course is not a prerequisite for CSAC390 or CSAC391 and is not a prerequisite to be a part of the June production of Lysistrata.

6.0 Hours Fees: \$112.23

NEW!**CSAC208 Heightened Monologues**

Discover how to find ease and emotional connection speaking text not written in our common everyday language. In this course, we will dig into high-stakes monologues that abandon everyday text in favour of heightened or stylized language. We'll explore how this language acts as a springboard for the actor, allowing them to truthfully embody the extreme emotional circumstances of the character.

Instructor: Nicole Wilson

12.0 Hours Fees: \$231.56

NEW!**CSAC222 Introduction to Voice Over Performance**

This course is designed to give participants a basic understanding of voiceover. From animation to audiobooks, and everything in between, we will explore how our voice can set us apart, how we can best care for our instrument, and the many ways we can use our unique sound for work.

Instructor: Hayden Finkelshtain

10.0 Hours Fees: \$215.81

❖ CSAC240 Acting Without Text

Prerequisite: CSAC 102 or CSAC 106

This course will attune actors to the truth that lies within their bodies and underneath the cover of words. It will awaken the notion that we are full of humanity and that humanity is expressed most often truthfully through the body and not words. Words can often obfuscate, not reveal. They can mask us rather than connect us. Through games, exercises and scenarios we will foster awareness, curiosity and play in our bodies and act!

Instructor: Jimi Shlag

12.0 Hours Fees: \$231.56

❖ CSAC263 Focus on Film I

Prerequisite: CSAC 169

Build on your on-camera skills with short classic film scenes. We'll focus on script work, and performance consistency. Class limit: 12 students.

Instructor: Graham Orwin

15.0 Hours Fees: \$270.47

NEW!**CSAC266 Scene Study: Film Favourites**

Have you always wanted to be Meryl Streep in Kramer Vs Kramer, Robert Deniro in Taxi Driver or Danny Glover in Places in the Heart? Well, here's your chance. This course gives students the opportunity to perform a favourite scene from one of their favourite films. This will be a fun, "Jump and In and Just Do It" acting class. The process will focus on personal choices and honest performances.

Instructor: Sean Carthew

12.0 Hours Fees: \$231.56

NEW!**CSAC283 Scene Study and Improvisation: Status**

Performers, and the characters they portray, experience status relationships with their environment, with the text, the story, and with every other character in the scene. This course invites students to examine and engage with the dynamic shifting of these status roles through improvisation and short scene work. We endeavour to identify what inherent qualities status relationships involve, such as power, control, admiration, and devotion. To be transformed, we learn to embrace the joy of letting go.

Instructor: Clara McBride

15.0 Hours Fees: \$287.33

❖ CSAC306 Comedy Monologues

Prerequisite: CSAC 106

Discover the challenges of comedy - structure, timing, and characterization. Each participant will prepare, for performance at one of the Matinees, one monologue selected from a range of genres from the comedy of manners of Oscar Wilde to the corrosive satire of George F. Walker.

Class limit: 8 students.

Instructor: Sarah McVie

12.0 Hours Fees: \$231.56

❖ CSAC310 The Art of Storytelling

Storytelling is the very foundation of theatre. A powerful genre on its own, it can open up new approaches for play creation and performance. In this course, you will learn the basic techniques of storytelling: the elements of an engaging story and how to tell it well.

Instructor: Lynn Torie

15.0 Hours Fees: \$270.47

NEW!**CSAC311 Movement and Gesture in Storytelling**

Movement and Gesture in Storytelling will use various movement traditions to explore the possibilities of using physical gesture to augment storytelling performance. Through a series of exercises and tasks, students will be able to use a wide range of gestural strategies to extend their storytelling practice. Students will primarily be working with their own personal story archive and exploring how they can use physical gesture to create a personal and physically grounded storytelling persona.

Instructor: Rubena Sinha

15.0 Hours Fees: \$270.47

CSAC315 Advanced Scene Study

This scene study will offer the actor participants an opportunity to engage in small group scenes with an eye to applying the techniques previously explored in the Uta Hagen Workshops I and II. Participation in one or both of those workshops would be beneficial but is not required. Basic script analysis and rehearsal techniques will also be a fundamental part of the work. Scenes will be chosen from contemporary plays TBA.

Instructor: Diana Reis

18.0 Hours Fees: \$321.27

❖ CSAC320 Poetry Cabaret

Hone your ability to respond to heightened language, find a character and situation, and tell a story with intention, image and action moment by moment in the concentrated medium of poetry. We'll read aloud and explore poems together. You'll select a poem to memorize and perform. Before the first class, you'll receive a package of poems with an invitation to send one of your own choice from the past 100 years.

Class limit: 8 students.

Instructor: Aaron Willis (Fall), Kate Lushington (Winter)

Participants will receive a selection of poems in advance and must choose one of the poems to have memorized for the first class. Poems will be performed at a special Poetry Cabaret.

12.0 Hours Fees: \$191.55

CSAC345 Uta Hagen Workshop I

Prerequisites: RTA 104 or BPM 202

We'll work through a series of acting exercises developed by the renowned 20th Century acting teacher and actor, Uta Hagen, to root the actor more deeply in their character and situation. Those who have worked on several scenes and/or monologues, performed a few times and work with a process would benefit most from this class. Class limit: 12 students.

Instructor: Diana Reis

18.0 Hours Fees: \$347.94

CSAC346 Uta Hagen: Methodology and Practice Workshop

This course continues to offer the opportunity to explore and practice specific acting exercises designed by legendary actor and acting teacher Uta Hagen. It is founded in the understanding that "Acting is Doing". The purpose of these exercises is to deconstruct the acting process allowing the performer to focus on individual aspects of the actor's craft. While the course builds on the work begun in the fall course (Hagen Workshop I), there are no pre-requisites

Instructor: Diana Reis

18.0 Hours Fees: \$347.94

NEW!**CSAC347 Uta Hagen: Methodology & Practice Workshop II**

This course continues to offer the opportunity to explore and practice specific acting exercises designed by legendary actor and acting teacher Uta Hagen. It is founded in the understanding that "Acting is Doing". The purpose of these exercises is to deconstruct the acting process allowing the actor to focus on individual aspects of the actor's craft. While the course builds on the work begun in the fall course (Hagen Technique I).

18.0 Hours Fees: \$347.94

CSAC390 Greek Comedy Scenes

In-depth text analysis and play study, with on-your-feet physical work for the Act II Studio production of Lysistrata in June.

Instructor: Nicole Wilson

You must take this course in order to be a part of the June production of Lysistrata. You cannot take ONLY this course without taking the Greek Performance course since both lead to the production of Lysistrata.

We will accept one student as an assistant director. Please make clear to Clara McBride if you intend to register as an assistant director BEFORE registering for the course.

18.0 Hours Fees: \$303.97

NEW!**CSAC391 Greek Comedy Performance**

In-depth study and rehearsal leading to public performances of Lysistrata with full production values. Production and performances will take place June 12-18, 2023.

Instructor: Nicole Wilson

Prerequisite: CSAC390. You must take both CSAC390 and this course to be a part of the June production of Lysistrata.

24.0 Hours Fees: \$338.25

CSAC413 Being the Story

Sharpen the creative lens to your story through alternative perspectives. Step inside the heart of your story. Explore story through re-imagining mythologies and creating new ones. Find your personal style and voice as a storyteller.

Instructor: Diana Tso

15.0 Hours Fees: \$279.89

CSAC434 Introduction to Standup Comedy

This course focuses on teaching the ingredients professional comedians use to make an audience roar with laughter. It's designed to give folks the knowledge and confidence to write, develop, and perform on stage, or even multiply the laughs they get from storytelling at a party. Via comedy writing exercises, tips and advice, the participants will learn how to properly organize their ideas and turn them into premises, to turn their premises into jokes and jokes into a five-minute hilarious routine.

Instructor: Martha Chaves

15.0 Hours Fees: \$289.75

❖ CSAC442 Meisner Technique I: Listening

Prerequisite: CSAC 114

Sanford Meisner was the last of the great triumvirate (Stella Adler and Lee Strasberg are the other two) who pioneered Stanislavsky's system in America. His unique approach helps actors, "Live truthfully under imaginary circumstances". This course on the art of listening, focuses on the foundation of the technique and will increase concentration, promote relaxation in the actor and relieve self consciousness.

Instructor: Cindy L. Macaulay

The Meisner sessions (CSAC 442, CSAC 443, CSAC 444, and CSAC 445) are interchangeable units of study and can be completed repetitively so that the student can keep a consistent effort in their practice. The classes are geared to accommodate a range of skill levels from beginner to advanced.

12.0 Hours Fees: \$231.56

CSAC530 Acting and Directing with Matthew Jocelyn

Using David Hare’s translation of Anton Chekhov’s first play, *Platonov*, this course will allow us to engage in fundamental questions about both acting and directing Chekhov. Bringing together both student directors and student actors, after reading the play together, we will select scenes to be worked on from both a directorial and an actor’s perspective, examining style, relationship, rhythm etc. Student directors will be responsible for directing chosen scenes under the guidance of the instructor. Students are expected to arrive having previously read the play in the afore-mentioned translation.

Instructor: Matthew Jocelyn

This course is geared to both Acting and Directing students.

24.0 Hours Fees: \$338.25

NEW!

CSAC531 Directing and Performing Ibsen

Working with Ibsen’s plays of the director’s choosing, this course explores the work of reading the play, of analysis and of intuitive reactions. We put the director’s ideas into action, on the stage, and with actors in the class. For actors, the course will look at the presence of psychology, the subconscious, and all that is under Ibsen’s characters. A class specifically about the theatre of Ibsen but also about putting the director’s ideas into the three dimensions of the theatre for today’s audience.

Instructor: Richard Rose

15.0 Hours Fees: \$270.47

CSAC560 The Artistic Discovery Series

Prepare to uncover your artist under construction! This course focuses on discovering a sense of freedom, and curiosity in your approach to creativity. We work to foster a collaborative and safe setting to grow artistically in a community setting, and incorporate group discussion and exercise work, as well as independent project work.

Instructor: Cindy L. Macaulay

12.0 Hours Fees: \$231.56

NEW!

CSAC561 Actor as Artist I

This course facilitates students to explore their personal uniqueness. Acting is not only technique but also artistic expression that translates through the artist and out to the world. Through exercises in writing, visual art and personal exploration students articulate their values, curiosities and the voices that stop them from full expression in life and their art. They experience the compassion, humanity, and bravery needed to bring fictional characters to life.

Instructor: Anna MacKay-Smith

Recommended reading: The War of Art by Steven Pressfield

18.0 Hours Fees: \$347.94

NEW!

CSAC656 Rewriting Your Play

Rewriting is where the craft of playwriting begins. The class will help you understand the questions you need to ask yourself in order to move your early drafts into a finished, fully realized play. And in-class reading to demonstrate the process of getting the words off the page and transforming a literary process into a dramatic unfolding. The class will include exercises designed to fulfill the dramatic potential of what you’ve written. “The Art of Dramatic Writing” by Lajos Egri will be an optional text.

Instructor: Sheldon Rosen

18.0 Hours Fees: \$347.94

NEW!

CSAC670 A Master Class with George F. Walker

This course will be your opportunity to work with George F. Walker on: the theatre. All of it - writing, directing, producing, auditioning, and acting. In a collaborative environment, you and your instructor will get to know one another, try things out, and develop your own curriculum in a space without judgment. A selection of the instructors’ new plays will be available for the process.

Instructor: George F. Walker

21.0 Hours Fees: \$379.47

NEW!

CSAC705 Clowning Around on Camera

In this course you will learn how to transfer skills of live clowning into an online medium (Zoom). We’ll explore what new tools are available to our clowns to play with. You will be led through movement exercises to connect your body with your imagination, creatively construct your own worlds for exploration, and practise performing. This is a process driven course. However, by the end of the four sessions, participants will have rehearsed, performed and received feedback on a short turn.

Class limit: 12 students

Instructor: Annie Lockerbie-Newton

8.0 Hours Fees: \$166.10

NEW!

CSAC712 Voice Play On-Line

Open to students at any level, this course will help you explore and develop your vocal range for any situation: on-line live, on camera, or on stage. Discover your own full, modulated and resonant speaking voice, ready to communicate easily and clearly what you want people to hear in any situation without strain. You’ll need a space where you can sit, stand and move around; comfortable clothes; 2 contrasting fragments of text from a play, poem or song lyric (3-4 lines memorized for the first class). You’ll receive material to assist with daily voice play between classes.

Instructor: Kate Lushington

12.0 Hours Fees: \$225.88

CSAC721 Reading Plays to Direct

This course examines the directing process from conceptualization to rehearsal, focussing on how directors read and analyze scripts. You’ll also learn how to communicate with fellow theatre artists of all disciplines. Before class please read Howard Barker’s *The Possibilities*. Choose one of the playlets to analyze and record the thoughts and impulses that arise during your first reading. You’ll be sent a supplementary play list after registering.

Instructor: Richard Rose

Before class, please read Howard Barker’s The Possibilities.

15.0 Hours Fees: \$270.47

CSAC722 Directing For Zoom

Prerequisite: CSAC 127

How do you tell an authentic story when your stage is a series of black boxes? Taking a scene from page to zoom, you’ll learn how to help actors develop their relationship to the screen, the world of the play and the audience beyond, directing the actor’s focus and use of objects in perspective.

Select two 3-5 minute scenes to send to your instructor before class begins.

Class limit: 12

Instructor: Aaron Willis

12.0 Hours Fees: \$231.56

Caring Clown

❖ CSCC900 Caring Clown I

Antirequisite: CSAC 109

Caring Clown requires a foundation of knowledge and skills in basic clowning. Games and improvisational exercises are designed to develop spontaneity, physicality, and a playful approach in order to foster an exploration of each student’s personal clown. The Winter 2023 Section of this course includes a class on Thursday, February 23, 2023.

12.0 Hours Fees: \$229.81

❖ CSCC910 Caring Clown II

Prerequisite: CSAC 109 or CSCC 900

This course focuses on the understanding and practice of clowning techniques used in therapeutic facilities, with emphasis on long-term care homes. Included are the development of clown character and role playing practice for individual and small group clowning. Also included are the history, ethics, and principles of Caring Clown and therapeutic humour; information related to aging, dementia, and other chronic illnesses and the care facility environment.

21.0 Hours Fees: \$306.74

❖ CSCC911 Caring Clown Practicum

Prerequisite: CSCC 910

This practicum continues the work begun in CSCC 910, by giving students opportunities to gain practical experience as Caring Clowns in various long-term care homes. Students will clown with individual and small groups of residents in designated units. Students will submit a written journal outlining their experiences and learning. A final one-hour interview with the academic coordinator completes the Caring Clown program. Upon successful completion, students will have opportunities to volunteer in long-term care homes. (Formerly CSAC 911) This course is part of the Caring Clown program.

17.0 Hours Fees: \$100.59

Health and Wellness

CSHW125 Writing for Wellness and Wonder

Self-expression through writing has many benefits, from fostering creativity and connecting with others to processing your memories and relieving stress – scientific studies even show it has physical effects such as promoting faster healing and lowering cortisol levels! In this online course, you will be guided by an experienced instructor through different writing exercises every week designed to help you write for well-being, as well as share your creativity with others.

The Fall 2022 Section of this course includes a class on Wednesday, October 12, 2022

9.0 Hours

Fees: \$180.10

CSHW135 The Psychology of Pandemic Life

The Psychology of Pandemic Life is a 4-week online course that will explore how the various political, societal, and biological factors that prevailed during the COVID-19 pandemic have affected various facets of our mental health. Through lectures, reading, group discussions, and guided reflections, this course will explore how the pandemic has impacted society's anxiety and our relationship with grief and mortality. It will also examine the history of recorded health crises and how they have affected mental health of past societies. All the while, this course will endeavor to highlight how resilience has flourished amidst adversity. No previous knowledge in the area of medicine, psychology, or sociology is necessary for participation or enjoyment of this course.

The Fall 2022 section of this course includes a class Tuesday, October 11, 2022

6.0 Hours

Fees: \$135.00

CSHW300 Your Longevity Playbook for Optimum Health

Nutrition provides us with the means to optimize our health and well-being, and it has been proven to be one of the critical factors for successful aging. Nutritional knowledge is an empowering force that can help you achieve your health goals! At the end of this three-part workshop, you will have created your own personalized longevity playbook based on what you have learned and be ready to put it into action!

The Fall 2022 section of this course includes a class on Thursday, October 13 2022

4.5 Hours

Fees: \$129.95

Personal Interest

❖ CSPI353 Great Gardens of the World

Travel to Italy, France, Spain and England to enjoy some of the world's great gardens. Great Gardens takes us from the ruins of Emperor Hadrian's magnificent Roman Villa to the exquisite gardens created for King Louis XIII at Versailles. We'll enjoy the garden innovative architect Antonio Gaudi created in Barcelona, and to Sissinghurst, home and garden of British novelist, poet and lifelong gardener Vita Sackville-West and her husband, diplomat and diarist Harold Nicholson.

6.0 Hours

Fees: \$135.00

NEW!

CSPI354 Amazing Sculpture Gardens

Amazing Sculpture Gardens explores amazing art collections and gardens in Viterbo, Italy; St. Paul de Vence, France; Kanagawa, Japan and two right here in Toronto! Each week, we'll embark on an exciting visual tour looking at the extraordinary works in the collections of each of these unusual outdoor art galleries as well as the history of each collection. There will also be time for students to share their experiences of sculpture gardens they might have visited.

6.0 Hours

Fees: \$135.00

NEW!

CSPI809 Taste of Summer: Great Novels that Celebrate Summer

Join Jeffrey Canton for four talks about some summer-themed novels that try to capture the heat of this sensational season. Tove Jansson's The Summer Book, Ray Bradbury's Dandelion Wine, Rumer Godden's Greengage Summer and J.L.Carr's A Month in the Country all manage to capture the essence of this most elusive time of year that is never quite long enough. Each talk will tell you something about the writers of these classics and give you a taste of the books themselves and come tell us something about the books that you're reading on these lazy summer.

4.0 Hours

Fees: \$89.35

CSPI810 Summer Songs: Great Songs About Summer

Jeffrey Canton will take you on a musical tour of some of the best songs about Summer! From jazz classics like Summertime and Those Lazy Crazy Hazy Days of Summer to sensational songs from the 60s and 70s like Dancing in the Streets, Sunday Afternoon in the Park and California Girl, you'll have a chance to hear about great performances by Ella Fitzgerald, Nat King Cole, Martha and the Vandellas, the Beach Boys and many others. And come share some of your favourite summer songs too.

4.0 Hours

Fees: \$89.35

NEW!

CSPI811 Creating Abstract Painting for a Mindful Experience

This is a unique course that promotes a growth mindset, meditative and spiritual practice through abstract painting, play, and experimentation. In each of the four 60-minute gatherings, members are encouraged to adopt a fluid, playful, adventurous approach and not pressure themselves to paint something "good." We're going to focus on the experience and self reflection, not the outcome, so we can learn to become more present and fully alive.

4.0 Hours

Fees: \$89.35

NEW!

CSPI812 50+ Years of Cabaret

This course looks at the Bob Fosse classic which was released in 1972 through the lens of this groundbreaking film as well as later stage productions as well as through Christopher Isherwood's stories which inspired the film, Goodbye to Berlin and his memoir Christopher and his Kind as well two novels written at the same time that give a remarkable picture of Berlin in the 1930s - Stephen Spender's The Temple and Irmgard Keun's After Midnight - it considers the importance of looking at history, politics, culture through the arts.

This 2023 Spring Term Section of this course includes a class on February 23, 2023.

6.0 Hours

Fees: \$89.35

NEW!

CSPI813 Building a Character

Participants will create a completely original character through sensory, emotional, and prompted writing exercises. Using an everyday object and easily graduating into character voice development will allow participants to effortlessly incorporate their character voice into an original monologue or scene. Participants will walk away with a unique creation that is their own, as well as a potential muse for new work(s) after completion of the class. This process will emphasize collaboration, and highlight the humanity of shared storytelling.

6.0 Hours

Fees: \$135.00

CSPI820 Pandemic Fiction: The World seen through A Covid Lens

This course looks at four novels that explore different ways of trying to understand the pandemic including Gary Shteyngart's comic novel Our Country Friends, Lauren Groff's Matrix and Sarah Hall's Burncoat which use an historical lens to look at our contemporary struggle and Sequoia Nagamatsu's Science Fiction novel How High We Go in the Dark.

The Fall 2022 section of this course includes a class on Thursday, October 13, 2022

4.0 Hours

Fees: \$89.35

CSPI821 Politics and Prose: The World According to Ali Smith

Ali Smith began her Seasonal Quartet of novels in 2016 with the intention of publishing a book a year that would respond to the social and political situation of the UK post-Brexit. But everything began to change in the winter of 2019 with the COVID crisis. This course looks at Smith's four novels, Autumn, Winter, Spring and Summer and it's coda, Companion Piece, to look at how she used fiction to respond to the isolation, fear and social upheaval that Britain and the world face with Brexit, the Refugee Crisis and COVID.

4.0 Hours

Fees: \$89.35

Financial Planning

NEW!

CSRP102 Power of Attorney & Care Planning

Now's the time to prepare all the important documents, which may be required as we age before a crisis hits and we need them. What are power of attorney and advanced medical care plans? How are they important as we grow older? Why should we have our personal records, life insurance, banking and investment information all together in a safe place? What other documents should we complete? Does the entire family have to be involved? All these questions along with many more will be discussed in this two-part course.

Instructor: Laura Tamblyn Watts

3.0 Hours

Fees: \$102.50

NEW!

CSRP103 Personal Finances

This course will introduce students to the basic principles and techniques used in managing personal finance. Topics include developing a financial plan which will help gauge your financial health, debt and credit management, and retirement planning including government employer and individual benefits and savings plans. The course will end with the examination of wills, probate fees and taxes at death.

Instructor: Joan Lobo

6.0 Hours

Fees: \$175.00

NEW!

CSRP104 Retirement Planning: Getting Started

Leveraging the introduction that was provided to participants in CSRP Personal Finance, these two retirement planning courses (getting started and savings, pensions, and other income) will take a deeper dive into retirement planning.

In Getting Started, participants will explore and develop a retirement vision. At the end of the course, participants will be able to explain the three decades of retirement, how each decade differs and what you will do to accommodate the challenges of each one. At the end of the course, participants will have developed a realistic view of what steps, actions, and resources are needed to bring the vision to reality.

Instructor: Carolyn Fallis

6.0 Hours

Fees: \$175.00

NEW!

CSRP106 Retirement Planning: Savings, Pensions, Other Income

Retirement planning requires the definition of what we envision retirement to be and how planning supports this vision, which was achieved in the Getting Started course. In this course, participants will learn various tips and traps to help ensure their retirement is richer after taxes. As well, consideration will be given to the unthinkable events that may occur in retirement and how to insulate from them. At the end of the courses, participants will have prepared their own personalized plan which can be used as their guide as they move into or through their retirement years.

Instructor: Carolyn Fallis

6.0 Hours

Fees: \$175.00

NEW!

CSRP107 Career Transition Tools for Your Next First Step

Thinking about transitioning into semi-retirement, volunteering in a new field, finding a different work-life balance, seeking a promotion, or even trying a new career? This course will guide you through the tools you will need to get started in today's changing job market. Interactive exercises, online tools, up-to-date research, practice activities, and optional readings are all tailored for the needs of change-seekers while being delivered in a supportive and encouraging environment. Participants will conclude the course with an opportunity to practice interviewing skills live with Chang School staff.

Instructor: Dr. Sunny Chan

6.0 Hours

Fees: \$175.00

PUBLIC AND NONPROFIT SECTOR

Fundraising Management

CVFM201 Operations of Fundraising

Students will systematically examine the thinking and preparation needed to develop the infrastructure in support of effective fundraising. Topics all relate to the fund development process and include sound financial management practices, including accounting, budgeting, reporting, and accountability; policies; development and evaluation of a strategic fundraising plan; and the critical elements of a well-configured database. Drawing on case studies, readings, and research, students will apply the knowledge acquired to real life situations.

39.0 Hours

Fees: \$711.83

CVFM202 Donor Centered Fundraising

Students will explore critical and emerging issues in the charitable sector: donor-centered fundraising trends and techniques; donor stewardship and recognition; developing a culture of philanthropy; ethics and professionalism; and diversity, social media, and new trends in donor engagement. Drawing on research, readings, and case studies, students will analyze issues that will inform current and future fund development practices.

39.0 Hours

Fees: \$711.83

CVFM203 Fundraising Campaigns

Students will examine major gifts fundraising campaigns, within and outside of a capital campaign context, and planned giving programs. Course topics include organizational readiness (e.g., feasibility study, case for support, campaign planning, goal setting, budgeting, timelines); leadership (staff and volunteer leadership, organizational structure); managing the campaign (identifying prospective donors, monitoring and concluding the campaign, reporting); and the adaptations required for different sized organizations. Research in major gift fundraising will be reviewed.

39.0 Hours

Fees: \$711.83

NEW!

CVFM205 Data Analytics for Fundraising

This hands-on course is designed to provide an understanding of how charities can use data to make informed decisions. Students will go through a journey that will introduce them to data analytics principles and methodologies and gain insight into how this knowledge can help find solutions for many of the challenges facing today's non-profits

39.0 Hours

Fees: \$711.83

CVFM302 Entrepreneurial Fundraising

Approaches to corporate and foundation support will be examined from both the charitable sector and corporate/foundation perspective. The infrastructure necessary to support effective programs will be discussed: proposal and grant writing, donor identification, stewardship, and accountability. Research and practical application related to emerging trends and current practice will be reviewed: corporate social responsibility, sponsorship, cause marketing, and employee engagement. Entrepreneurial activities in fundraising will be explored, both by reviewing research and examining real-life examples. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

39.0 Hours

Fees: \$711.83

CVFM303 Annual Giving Programs

The role of annual giving will be explored, including its interconnectedness to other fundraising programs and how it cuts horizontally across the organization. Students will review fundamentals of direct mail, online, and other models of giving. Special events and their role in engaging and stewarding donors will be explored in addition to event conception, planning, and execution. Gaming as part of a philanthropy program will be explored, including a review of the regulatory framework.

39.0 Hours

Fees: \$711.83

NEW!

CVFM304 Fundraising Strategies & Practices

This course explores all of the different ways donors can contribute to a charity. Topics covered include direct mail and annual giving programs, major gifts and fundraising campaigns, planned giving, and other forms of philanthropic investments. Students will also learn about campaign development, evaluation, stewardship best practices, fundraising volunteer recruitment, and other effective fundraising tools.

39.0 Hours

Fees: \$711.83

Nonprofit

★ CINP900 Understanding the Nonprofit Sector

This course provides students with insight into the origins and the ideological, social, political, legal and economic contexts of the nonprofit sector. It explores the complexity, diversity, challenges and opportunities through topics including: the scope and nature of the sector; the development of the sector; the role of nonprofits; the changing political, funding and legal environment; forces for change such as social innovation, social finance and social impact, data and technology, and public perceptions.

This course is offered as a fully online and asynchronous course, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

In addition, the course may be offered as a Classroom course. This course will meet in-person each week on TMU campus. The dates and times of the classroom course are noted in the course listing. Classroom courses meet in-person for 3 hours once a week for 12 weeks, plus the exam.

39.0 Hours

Fees: \$587.31

★ CINP901 Effective Nonprofit Organizations

The course provides students with an understanding of the principles and practices of effective development and management of nonprofit organizations in a dynamic environment. It explores the legal foundation for nonprofit and charities, organizational structure, governance, leadership, strategy, human and financial resource management, accountability, organizational change, and adaptation.

This course is offered as a fully online and asynchronous course, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

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39.0 Hours

Fees: \$587.31

★ CINP902 Evaluation for Nonprofits

Antirequisites: CINT 900, CPPA 402, CSWP 932

Evaluation is an important tool for accountability, learning and improvement. This course focuses on developing the knowledge and skills to plan evaluations that make a positive difference. It looks at evaluation from the perspective of the evaluator and the nonprofit organization that commissions the evaluation. Topics include the benefits and challenges of evaluation; ethics; types of evaluations; logic models; data collection and analysis; roles and relationships; performance monitoring; reporting and communication of findings.

This course is offered as fully online and asynchronous course, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

Classroom/Online option: In addition, the course may be offered as a Hybrid course (Classroom/Online). The Hybrid course has online course content that students move through week by week (asynchronously). In addition, there are three full day Saturday sessions (in-person) with the Instructor on campus at TMU. The dates and times for the in-person classes are listed in the course details.

39.0 Hours Fees: \$587.31

★ CINP910 Strategic Planning for Nonprofits

Developing a compelling vision, agreeing on priorities, and setting measurable objectives is difficult but essential in the complex nonprofit environment. This course teaches students the importance of thinking strategically. It includes: understanding strategy in changing environments; leadership; the planning process including mission statements, environmental analysis, stakeholders, data, roles, strategy development, implementation planning and management; planning in partnerships and collaborations; and developing RFPs. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

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39.0 Hours Fees: \$587.31

★ CINP911 Advocacy and Gov’t Relations: Nonprofits

Nonprofit organizations need to develop relationships with different levels of government, join with coalitions and partners and engage communities to raise awareness and advocate for system change. This course provides students with an understanding of the public policy process and the legal and political environment for advocacy. Topics include understanding the environment; developing an advocacy plan; working through coalitions, alliances and collaborations; communications and social media; evidence and data; effective government relations strategies.

39.0 Hours Fees: \$587.31

★ CINP912 Marketing for Nonprofits

Antirequisite: CMKT 100

When a nonprofit organization understands its many audiences and employs effective marketing approaches, it can achieve positive results including increased funding and donations, motivated staff and volunteers, informed clients, greater public support and influence. This course provides an overview of how marketing strategy supports and drives the nonprofit mission. Students learn about the role of marketing in organizational strategy and explore topics related to branding, competition, social media, market research, evaluation, ethics, and inclusion.

39.0 Hours Fees: \$587.31

★ CINP913 Leadership in Nonprofits

Antirequisite: CMHR 640, CMHR 650, CPPA 501

Societal transformations demand different approaches to leadership in nonprofit organizations. This course provides knowledge and tools to support strong leadership necessitated by economic and political restructuring, blurring boundaries between sectors, technology, demographic change, and demands for accountability and transparency. Topics include leadership theory; profile of nonprofit leadership; leading diverse and multi-generational teams, projects, and partnerships; leading organizational and system change, including change strategies, managing change, overcoming resistance, culture change; and directions for future nonprofit leadership.

39.0 Hours Fees: \$587.31

★ CINP914 Diversity in Nonprofits

Antirequisites: CINT 905 and SWP 924

The challenges facing nonprofits today require management, staff, and volunteers to collaborate in increasingly diverse organizations and communities. This course will explore perceptions of diversity, roles and relationships, and conflict and change. It will apply that understanding to the development, leadership and management of nonprofit organizations by looking at leadership, culture and team building, human resource practices, organizational policies and processes, governance, communication, and accountability.

39.0 Hours Fees: \$587.31

★ CINP915 Financial Management for Nonprofits

Antirequisite: CPPA 303

It is essential for those working in the nonprofit sector to understand the financial context for the operation of nonprofit and charitable organizations and their programs, initiatives, and enterprises. Students will gain a working knowledge of the concepts, practices and tools associated with budgeting, financial reporting, financial oversight, resource management, financial planning, tax issues, performance measurement, and risk management. The course will provide an opportunity to apply the learning in assignments, discussions and activities. This course is offered as fully online and asynchronous course, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

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Classroom/Online option: In addition, the course may be offered as a Hybrid course (Classroom/Online). The Hybrid course has online course content that students move through week by week (asynchronously). In addition, there are three full day Saturday sessions (in-person) with the Instructor on campus at TMU. The dates and times for the in-person classes are listed in the course details.

39.0 Hours Fees: \$587.31

★ CINP916 Nonprofits on the Global Stage

This course investigates the changing and expanding role of International Non-Governmental Organizations (INGOs) in service provision, community and capacity building, policy development and advocacy, all at the global level. The course examines INGOs with particular emphasis on the diversity of organizations, the types of activities in which they are engaged, and how their structures and their political and other activities have combined to increase their role on the global stage.

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Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

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39.0 Hours Fees: \$587.31

★ CINP920 Critical Issues in the Nonprofit Sector

Prerequisites: CINP 900 and CINP 901 and (CINP 902 or CINP 915)

This course offers students opportunities to identify and explore current issues relevant to the nonprofit sector. It presents students with a chance to examine critical issues like sector name and size, the implications of socio-economic and demographic change, changing trust and perception, and blurring boundaries and changing relationships with the public and private sectors. Students will conduct research in areas of their interest, apply theory to practice and contribute to discussions that explore the critical issues.

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Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

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39.0 Hours Fees: \$587.31

Politics and Public Administration

★ CPOG100 People, Power and Politics

This course provides a critical introduction to the main themes in the study of politics, including state-building, nationalism, ideology, democracy, participation, development, security and globalization. We focus on the interrelated struggle for power and justice that lies at the heart of politics, raising questions crucial to informed, engaged citizenship: How do we define the “common good?” Who should wield power and why? How should power be shared? How should we resist the misuse of power?

39.0 Hours Fees: \$639.48

★ CPOG110 Power and Influence in Canadian Politics

Antirequisites: POC 180 and POL 102 and CPPA 120

This course offers an introduction to the processes that underpin Canadian politics and democracy. Against a backdrop of civic participation, the course focuses on the central components of Canadian politics: voting, elections, parties, the media, and interest groups. Topics may include consideration of Indigenous peoples, French-English relations, political culture, regionalism, gender, sexual and ethnic diversity in Canada’s political process. (Canadian)

39.0 Hours Fees: \$580.00

☆ CPOG230 Statistics and Social Science

Antirequisites: CACS 401, CRM 204, CECN 129, EUS 402, GEO 361, CPPA 333, CPSY 411, CQMS 102, SOC 411

The course introduces students to the methods needed to describe and analyze political and social phenomena and events using quantitative data. Students will learn about the process of carrying out research and gain the tools to tell good research and data from bad. The examples used come from contemporary politics and society in Canada and the rest of the world, covering topics like voting, poverty, discrimination, war and others.

39.0 Hours Fees: \$570.61

☆ CPOG331 Politics and Cinema

*Prerequisites: one POG, POL or PPA course
Antirequisites: POL128, CPOL128*

This course explores many fascinating intersections between politics and cinema. It examines how cinema shapes our understanding of politics, and how the political world, in turn, is influenced by cinema. Students learn to critically evaluate films through topics such as the use of artistic licence and the influence of state authorities in film making. They also critically assess, through film, significant political events, processes and personalities in relation to both Canada and the world. (Theory)

39.0 Hours Fees: \$570.61

NEW!

☆ CPOG341 US Politics

Prerequisite: CPOG 100

This course focuses on American government and politics including the US Constitution, principles of separation of powers with checks and balances, institutions of the national government (Congress, President, and Supreme Court), federalism, the Bill of Rights, civil rights and liberties, social movements, and elections. Central themes of the course include whether the US system of governance works well in addressing contemporary problems and if it conforms to the ideals of a modern democracy.

39.0 Hours Fees: \$570.61

☆ CPOG411 Canadian Foreign Policy

Prerequisites: ACS402 or POG210 or POG214 or POG225 or (POL101 and POL102) or POL208 (CPOL208) or PPA120 (CPPA120) or PPA211 (CPPA211)

This course examines critically the politics of Canadian foreign policy. It will assess how much power and influence Canada has internationally; how much influence the world has on Canadian foreign affairs; and the factors shaping Canada's international policy choices. In considering these subjects, domestic and international institutions, structures, constraints, and influences will be examined. Potential policy issues to be addressed are: human security; the military; economic relations; human rights; peacekeeping/peacemaking; diplomacy; and development assistance. (Policy)

39.0 Hours Fees: \$570.61

☆ CPOG444 Politics, Media and Technology

Prerequisite: one POG, POL or PPA course

The mass media has transformed how societies communicate about, and perceive, political ideas. This course examines the interplay of media, technology and politics, discussing such topics as the relationship between print and the rise of modern democracy; the impacts of television on contemporary politics, especially election campaigns; and the emerging political influences of the Internet and social media. The course will also analyze the structure of ownership of global media systems and its impact on international communications. (Comparative) Students who do not have the prerequisite but have completed any introductory POG course, or any UPPER level Politics Liberal Studies elective, should contact Viola Ing, at ving@ryerson.ca or Paul Thorne at paul.thorne@ryerson.ca for permission to enroll.

39.0 Hours Fees: \$570.61

☆ CPOL128 Politics and Film

Films often mirror society in both intentional and unintentional ways. Some are overtly political, some reflect changing values and some are made purely for entertainment. This course will reflect on the various political perspectives which enable students to critically assess films. It will assess the role films play in reinforcing or debunking stereotypes. These themes will be examined in the context of the film industry in Canada and internationally.

39.0 Hours Fees: \$589.39

☆ CPOL208 Globalization and World Politics

Antirequisites: ACS 402, POG 225

This course examines political conflict and instability in world politics. What are the political consequences of globalization? Why is nationalism and ethnic intolerance on the rise? What explains the eruption of political unrest and war? These issues are explored through current examples of political upheaval around the world. (POL 208 is not available for credit to students who choose POG 225.)

39.0 Hours Fees: \$589.39

☆ CPOL501 Women, Power and Politics

Antirequisite: POG 442

What is the relationship among women, power and politics in our contemporary society? How are women influencing the output of our political systems, particularly the policies that affect the lives of women and children? This course provides an introduction to the political, cultural and social factors that affect women's participation in decision making, and asks if the representation gained to date has made a difference and, if so, where do we go from here?

39.0 Hours Fees: \$578.95

☆ CPOL507 Power, Change and Technology

How does technology shape society? How does it shape us? On what basis are decisions made in a technological society? What type of future will modern technology create? Who is in control? This course will examine these questions and the impact of technology on cultural, economic and political life in modern society. The political implications of future developments in reproductive and biotechnologies, global communications, automation, etc. will be evaluated.

39.0 Hours Fees: \$570.61

☆ CPOL540 Issues in Third World Politics

This course examines the 'Third World' and the structures of domination from colonization to the contemporary neoliberal order. The focus is on issues of global inequality, gender, ethnic, racial and religious inequality, human security, development and democracy, and the interventions of global and regional institutions. The course will also examine whether social and political movements in the Middle East, Asia, Latin America and Africa offer hopes to advance struggles for democracy and global justice.

39.0 Hours Fees: \$564.36

★ CPOL607 Politics of Technology and Globalization

This course examines the role of technology within a global context. What will it mean to be part of a global audience, work in a global factory, shop in a global supermarket, be governed by a world government? Can technology help to solve problems of environmental depletion and pollution? What role does technology play in escalating militarism around the world? Can technology reduce the gap between the rich and the poor within nations and between nations?

39.0 Hours Fees: \$570.61

☆ CPOL620 Sports and Politics

How does sport reflect major social, economic, and political changes? How have scholars used sporting events as well as athlete performance data to test and advance theories from the social sciences? In this course we will look at both of these questions by examining society and politics through the lens of sports, on the one hand, and using sports data to test theories from political science, psychology and economics, on the other.

39.0 Hours Fees: \$589.39

★ CPPA101 Cdn Public Administration I: Institutions

This course looks at contemporary public administration in democratic society. It is examined in light of alternative methods of organization, including that of the private sector, as well as our fundamental requisites for democracy, such as the rule of law. It also examines the role of the machinery of government in maintaining the public system of administration as it undergoes contemporary attempts to restructure the role of the state under the ongoing demands of its leaders and citizenry. (Formerly PPA 322). This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

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39.0 Hours Fees: \$607.13

★ CPPA102 Cdn Public Administration II: Processes

Prerequisite: CPPA 101

This course introduces the process of leading and managing the public sector in Canada with an emphasis on the problems of political and administrative accountability. Students are introduced to the structure and process of policy formulation, implementation and evaluation; as well as to topics in intergovernmental relations; and the impact of public-private partnerships. The prime foci are the budgetary process, issues in personnel management and the drive for economies and efficiencies; government regulation, and e-government. (Formerly PPA 422.)

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

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39.0 Hours Fees: \$607.13

★ CPPA120 Canadian Politics and Government

Antirequisites: POC 180, CPOG 110, POG 210, POL 101, POL 102

In analyzing Canada's federal political system, this course assesses the ideas, interests and institutions that help define the limits of both state and societal power. It will provide students with a clear understanding of the workings of the system of governance guiding their everyday lives as citizens and as professionals. Topics include political culture and ideas; the social and economic context; and the constitutional and institutional mechanisms of governance. (Formerly POL 302, POL332) This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

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39.0 Hours Fees: \$607.13

★ CPPA121 Ontario Politics and Government

Antirequisite: POG 310 (formerly PPA 522)

The Government of Ontario plays a central role in the lives of Ontarians, taking responsibility for such things as health, education, transportation, and municipal governments. It is also a major player in the economies of the province and the country. This course examines the structure and operation of the Ontario government, as well as the ideological, economic, social, and political forces at work in the making and operating of the government.

39.0 Hours Fees: \$607.13

★ CPPA122 Local Politics and Government

Antirequisites: POL 123, POG 410

This course examines the structures that influence local government decision-making. A significant amount of the material will draw from the Greater Toronto Area (GTA); however, relevant examples from other jurisdictions within Canada will be discussed. Weekly topics include: the history of local/municipal government, democracy versus efficiency, urbanization, political and administrative structures, finance, sustainable cities, and the role of major stakeholders such as business, labour, and citizens groups in the municipal arena.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

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39.0 Hours Fees: \$607.13

★ CPPA124 Indigenous Politics and Governance

Antirequisites: CRM 400 and POG 440

This course examines the social, political, legal, and historical context of Indigenous peoples in Canada and their political mobilization. Through an exploration of key challenges, flash points, and current issues, the course will foster a better understanding of Indigenous efforts around self-government, nation-building, recognition/implementation of Aboriginal and treaty rights, land claims, and the socio-economic gap that disadvantages Indigenous peoples in Canada.

39.0 Hours Fees: \$607.13

★ CPPA125 Rights, Equity and the State

Antirequisite: POG 315

This course provides a critical examination of how the State manages the issue of human rights. It explores the development of human rights through the Charter of Rights and Freedoms; the Canada Human Rights Act; provincial codes; landmark judicial rulings; and the impact of United Nations conventions, covenants and declarations on Canadian state practices. Students are encouraged to situate an understanding of human rights issues within a broader social, political, economic and public administration framework. This section of the course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

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39.0 Hours Fees: \$607.13

★ CPPA211 Public Policy

Prerequisites: CPOG 100 or (POL 101 and POL 102) or CPPA 102 or CPPA 120 Antirequisite: POG 214

This course offers both a thematic and a practical introduction to the Canadian public policy-making process, beginning with the context in which ideas, institutions and interests inform public policy. With the use of a variety of contemporary social, economic and environment policy cases, the course examines the process by which public policy is formulated, implemented and evaluated - including its success rate. Lastly, the changing nature of, and contemporary challenges to, policy making are explored. (Formerly PPA 623).

39.0 Hours

Fees: \$607.13

★ CPPA235 Theories of the State

This course examines major theoretical perspectives on modern industrial states, including pluralism, neoliberalism, Marxism and feminism. An effort is made to relate each perspective to relevant political issues of the day. In the final section of the course a number of thematic issues are considered from the perspective of state theory such as the role of social movements in shaping state policies and the impact of globalization on democracy and the viability of the nation-state. (Formerly PPA 525).

39.0 Hours

Fees: \$607.13

★ CPPA301 Administrative Law

Antirequisite: PPA 702

This course examines the statutory and regulatory basis of Canadian public administration. The course explores existing techniques of control of delegated power and their role in influencing conduct. It analyses the regulatory function of administration, as well as the institutional and procedural characteristics and practices of administrative tribunals and judicial review. (Formerly PPA 629). This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

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39.0 Hours

Fees: \$607.13

★ CPPA303 Public Budget Policy/Politics

Prerequisites: CPPA 102 Antirequisite: C1NP 915

This course examines the administrative challenges that surround public sector budgetary processes. Key policy theories will be examined at all levels of government, as will the roles of relevant political and bureaucratic players. The rigours of accountability will be scrutinized. Other topics may include ethics, procurement, taxation and debt. Practical exercises in analyzing budgetary information relevant to public and parapublic organizations will be included. (Formerly PPA 600).

39.0 Hours

Fees: \$607.13

★ CPPA319 Politics of Work and Labour

This course examines how labour, employers and government interact to regulate how Canadians work. Students will acquire an enriched understanding of the employment environment in their career field. An historical context is first established to explain the evolution of work, unions and government labour policy in Canada. The course then examines the legislative framework before exploring such controversial employment issues as union organising, public sector collective bargaining, strikes, minimum wage, overtime, and health and safety issues. (Formerly POG 319).

39.0 Hours

Fees: \$607.13

★ CPPA333 Research Methods in Public Administration

Antirequisites: CACS 401, CRM 204, CECN 129, EUS 402, GEO 361, CPOG 230, CPSY 411, CQMS 102, SOC 411

This is a one-semester course utilizing both lecture and lab experience. No familiarity with the fundamental elements of research or statistics is assumed. The course gives students of public administration the practical methods needed to statistically describe and analyze phenomena and to present those results. Emphasis throughout the course is on practical uses and application of these techniques, rather than on their mathematical derivations. (Formerly PPA 524).

39.0 Hours

Fees: \$607.13

★ CPPA335 Theories of Bureaucracy

Prerequisite: CPPA 102

This course surveys different approaches to organization and bureaucracy in advanced industrial societies. The major focus is on the exercise of power and control in organizations and the implications of this for different organizational groups. The course also examines a number of areas about which traditional approaches have been relatively silent, especially those dealing with race, gender and class. Another major theme of the course involves analysis of the changing nature of work, focusing on how new information technologies have affected the distribution of power and control in the workplace. (Formerly PPA 624).

39.0 Hours

Fees: \$607.13

★ CPPA401 Collaborative Governance

Prerequisites: CPPA 102 or POG 210 Antirequisite: CPPA 701

This course examines the expanding use of “partnerships” between government and other agents, both public and private, in the delivery of “public goods”. Challenged by fiscal pressures and demands for more involvement in policy-making and delivery of services, governments have experimented with new mechanisms ranging from integrated procurement to networked regulation. This course will consider the ideological drivers, management practices and consequences of these new administrative arrangements on governance, public administration and democracy. (Formerly PPA 601).

39.0 Hours

Fees: \$607.13

★ CPPA402 Program Planning and Evaluation

Prerequisites: CPPA 102 Antirequisites: C1NP 902, C1NT 900, CSWP 932

When governments choose to intervene in a policy area, they create programs. This course examines the process by which planning and evaluation of government programs takes place and explores the various methods that are used to determine whether programs are achieving their objectives. Programs in a broad range of areas will be examined, including health, criminal justice, education, welfare, environment, housing, poverty, and development. (Formerly PPA 602).

39.0 Hours

Fees: \$607.13

★ CPPA403 e-Government

Prerequisite: CPPA 102 or CPOG 100

Deployment of information and communication technologies (ICTs) in public administration has influenced the state’s internal operations, modes of service delivery, and interactions between the state and society. The course examines e-government policy, e-administration, e-service, and e-democracy. It also investigates key challenges e-government faces: privacy and security, digital divide, and legal infrastructure. (Formerly POG413). A prerequisite may be waived if the student has specific professional experience. Students registered in the Certificate in Privacy, Access, and Information Management who do not have the prerequisite and wish to take this course may contact the Program Director, Michael Carter, at wmcarter@torontomu.ca for more information.

39.0 Hours

Fees: \$607.13

★ CPPA404 Issues in Public Administration

Prerequisite: CPPA 102 Antirequisite: CPPA 704

This course responds to key issues in today’s rapidly evolving public sector. Students will examine key issues in Canadian and comparative context. Using applied and theoretical reading, class discussions, case studies and presentations from guests who are experienced practitioners at all levels of government, the course emphasizes issue analysis in the context of public sector change and reform. Consequently, the issues covered by this course will change from year to year. (Formerly PPA 604).

39.0 Hours

Fees: \$607.13

NEW!

☆ CPPA411 Advanced Public Policy

Prerequisites: CPPA211, CPOG214

This course assumes knowledge of the policy-making process, both domestic and comparative. It focuses on current challenges in public policy, including “wicked” problems to which policy responses are sought by society and political decision-makers. This course will emphasize more advanced theoretical and methodological underpinnings and tools of policy analysis. The global and interconnected nature of public policy will be examined through the use of selected cases.

39.0 Hours

Fees: \$607.13

★ CPPA414 Comparative Public Policy

Prerequisite: POG 214 or CPPA 211 Antirequisite: CPPA 700

Contemporary public policy is inherently comparative in nature. Policy advisors, decision-makers and citizens are increasingly exposed to the policies of other jurisdictions. They are also increasingly prone to use this information to settle policy disputes. Comparisons of several countries and policies are used in order to better understand the nature of policy making in general. These countries and policies may vary from year to year in order to study current policy issues.

39.0 Hours

Fees: \$607.13

★ CPPA425 Intergovernmental Relations

Prerequisite: POG 210 or (POL 101 and POL 102) or CPPA 102 or CPPA 120 Antirequisite: POG 416

This course examines both the formal and informal relations between the federal and provincial governments of Canada, as well as the effect these relations have on Canadian politics and public policies. Themes include national unity and regional diversity, elite decision making and democratic participation, the Aboriginal question, Quebec separation, and the effects of federal/provincial turf wars on social, environment and economic policies and programs. The course culminates in a 1st Minister’s Conference simulation. (Formerly PPA 650).

39.0 Hours

Fees: \$607.13

★ CPPA501 Public Sector Leadership

Prerequisites: CPPA 404 Antirequisites: C1NP 913, CMHR 640

This course examines the particularities of leading in the public service at all levels. Topics include executive leadership, mid-level leadership, relations with politicians, accountability, answerability, ethics and responsibilities. Focused on the Canadian experience, the course will scrutinize the experience of other jurisdictions. This is the final course in the PAL Certificate. Undergraduates should only attempt this course upon completion of 7/11 program courses at Level 3.

39.0 Hours

Fees: \$607.13

SOCIAL SCIENCES AND HUMANITIES

Arts and Contemporary Studies

★ CACS100 Ideas That Shape the World I

Antirequisite: ACS 104

This course examines ideas shaping the contemporary world and arguments that invigorate and challenge our sense of what it means to live as an individual, citizen, and member of a complex, multifaceted, volatile global society. The focus is on these issues as they have arisen in a Canadian context; it studies the contribution of Canadian thinkers to global debates; and it challenges students to articulate their own responses to central issues of the contemporary experience.

39.0 Hours

Fees: \$589.39

Caribbean Studies

★ CCRB100 Introduction to the Caribbean

Antirequisite: SYC 183

This course will focus on the similarities in historical development of the different societies in the Caribbean region and the common institutional structures and challenges that persist, despite the diversity of language and culture, race, ethnicity and religion. The course will examine the relationship between physical resources and social, economic and political developments within the colonial and neocolonial context and the resulting systems of inequality. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & A and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

★ CCRB501 Racism and Caribbean Peoples in Canada

The immigration of Caribbean peoples to Canada will be analyzed within the context of Canadian immigration laws and practices, labour market demands, and institutional responses to racial and ethno-cultural diversity. The major focus of the course will be on the establishment and growth of the Caribbean population in Canada, including employment, business and settlement patterns, changes to family structure, development of Caribbean organizations and community development activities, and issues of systemic and individual racism.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & A and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

★ CCRB502 Cultural Traditions in the Caribbean

This course analyzes the evolution and social significance of cultural traditions in the Caribbean, leading to an understanding of contemporary popular traditions. The course examines the ethnic, racial and cultural diversity of the area, as a source of distinct cultural traditions; the impact of foreign influences; and the export of Caribbean cultural forms to the international area.

Note: For more information about the Certificate in Caribbean Studies, visit torontomu.ca/ce/caribbean.

39.0 Hours

Fees: \$570.61

Criminology

★ CCRM100 Introduction to Canadian Criminal Justice

This course introduces students to the administrative and institutional components of the Canadian criminal justice system and the principles that govern it. The course will be organized around the police, courts, correctional systems, and will take a critical approach to both the formal principles of justice as they apply to this system, as well as how they are woven into the process at various stages. (Formerly JUS 300.)

39.0 Hours

Fees: \$589.39

☆ CCRM101 Understanding Crime in Canadian Society

Antirequisites: CCRM 102

This course provides students with practical and theoretical knowledge to think critically about crime and the social response to it in Canada. Students will learn how to analyze and theorize about crime and criminalization. The course will conclude with a detailed analysis of one or more specific crimes in order to apply the concepts and materials presented throughout the term. CRM 101 is not available for credit to students who choose CRM 102.

39.0 Hours

Fees: \$589.39

★ CCRM102 Introduction to Criminology

Antirequisite: CCRM 101

This course provides a foundation for the theoretical, conceptual and policy considerations related to crime and justice in Canada. Students will be introduced to the main theoretical approaches to understanding crime (classical, positivist and critical theories), and the various ways in which each has shaped criminal justice policy in Canada. These issues will be brought together through an in-depth analysis of one or two current topics.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$589.39

★ CCRM200 Criminal Law

Prerequisite: CCRM 100 or (LAW 534 and in Law and Business or Law and Business Co-op program); Antirequisite: LAW 400

Students are introduced to the basic concepts and substance of the criminal law in Canada. The historical and theoretical foundations of criminal law, elements of an offence, and criminal defenses are considered. The role of criminal law in society, and its intersection with other forms of social regulation are highlighted. This course is not a technical legal course in criminal procedure; rather, it provides students with basic knowledge of criminal law in Canada.

39.0 Hours

Fees: \$589.39

★ CCRM300 Policing in Canada

Prerequisites: CCRM 100 and (CCRM 102 or CCRM 101)

Students are introduced to the concept of “policing” and the institutional and non-institutional forms it may take. The intersection of the uniformed, public police with other policing bodies, police discretion, culture and issues of accountability and governance are central to this course. The role of communities and developments in the global context provide the context for analysis of the future of democratic policing.

39.0 Hours

Fees: \$570.61

★ CCRM318 Violence and Communities

Prerequisites CCRM100 and (CCRM102 or CCRM101); Registered Crime Analytics certificate students without the course prerequisites may apply for consideration to enroll in this course. Contact ce@torontomu.ca for more information

This course explores a variety of issues related to the topic of communities in terms of denoting both geographic space and social networks and crime. Students will critically evaluate such topics as the stereotypes associated with and representations of certain communities, the spatial distribution of violent crime, gentrification and crime, the effects of policing and punishment on communities, and the efficacy of area-based crime prevention initiatives that are currently popular in many North American jurisdictions. Students in the Crime Analytics certificate please contact the Academic Coordinator at geocertificates@torontomu.ca in order to enroll in CCRM 318.

39.0 Hours

Fees: \$570.61

★ CCRM402 Criminal Justice and Social Inequality

Prerequisites: CCRM 100 and (CCRM 102 or CCRM 101); Antirequisite: JUS 400

This course examines various form of social inequality as they intersect with the criminal justice system in Canada. The course will challenge the notion of an objective, value-neutral criminal justice system, and will consider the impact of operational and policy decisions on race, class, gender and other forms of social inequality. Topics will include systemic racism, gender discrimination, the over-representation of people who live in poverty and other relevant issues.

39.0 Hours

Fees: \$570.61

☆ CCRM601 Violence in Society

Not available to Criminology, Criminology/Politics and Governance Double Major, Criminology/Sociology Double Major and Criminology/History Double Major students

This course is designed to provide students with the skills to think critically about various forms of interpersonal violence and the social response to it. The course will conclude with a detailed analysis of the major policies which have emerged to deal with violence, such as zero tolerance policies, traditional approaches to crime prevention, increasing criminal sanctions and, finally, the implementation of alternatives to the criminal process.

39.0 Hours

Fees: \$570.61

English

★ CENG101 Laughter and Tears: Comedy and Tragedy

Laughter and tears are not always straightforward. A tale of pride going before a fall can be reassuring to us as well as sad, and a Hollywood romantic comedy can encode a scathing social critique. Offering insight into our ongoing fascination with the extremes of human emotion, this course traces how the twin poles of the comic and tragic have developed through literary history, and how they vary across diverse cultural traditions.

39.0 Hours

Fees: \$589.39

☆ CENG104 The Short Story

As a relatively new genre that burst on the literary scene with the emergence of magazine culture, the short story is a truly modern form. Its excitement has to do with the concision of its form and the startling turns its narratives can offer. This course explores the history and conventions of the genre, examining stories from a variety of cultural contexts representing a range of styles, themes, and social issues.

39.0 Hours

Fees: \$589.39

★ CENG110 Literatures Across Borders

Antirequisite: ENG 108

Literature shapes and is shaped by the world we live in. It straddles the borders between nations, personal and collective histories, and narrative forms. In this course, students engage with diverse literary forms, themes, locations, and historical contexts; and develop skills for critical analysis and the creation of sustained, organized, and well-reasoned arguments.

39.0 Hours

Fees: \$589.39

★ CENG112 Zap, Pow, Bang: Pop Lit

Antirequisite: ENG 703

Horror stories, pop songs, love poetry, comics—this course introduces students to various types of writing that were popular at different times and in different cultures. Students will learn central concepts and terminology in the study of popular writing and culture, and they will analyze the impact that cultural and political issues have had not only on what works became popular but also on the very notion of “the popular” itself.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$589.39

☆ CENG201 Myth and Literature

From classical poetry to video games, stories follow recognizable patterns that tell us much about our values, fears, and desires. Offering a fertile source for plots and themes, myth systems present a set of limits to be investigated, challenged, and rewritten. This course examines how plays, poems, novels, and/or other texts engage with myth. Topics may

include such diverse ideas as masculinity, initiation, fellowship, betrayal, rebirth, exile and homecoming.

39.0 Hours

Fees: \$589.39

★ CENG203 The Literature of Indigenous Peoples

Not available to students in ACS English Option, BA English, English-Philosophy and English-History double major programs

How has colonialism impacted Indigenous cultures, and how have Indigenous people used texts to pose challenges to colonialism and to preserve and retell traditional stories? Reading contemporary literature by Aboriginal Australian, Maori, First Nations and other Indigenous writers, students address these and other important socio-political questions, examine wider literary and theoretical issues, and consider questions regarding cultural identity raised in the writings of Indigenous peoples.

39.0 Hours

Fees: \$589.39

★ CENG222 Fairy Tales and Fantasies

Starting with the powerful images of folk tale, fairy tale, and legend, and following them through fantasies and animal tales, this course explores their evolution from oral stories for adults to literary versions for children. It will also examine the intellectual and historical influences of the periods. The material to be studied includes modern versions of the tales in print and visual media.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$582.09

☆ CENG224 Children’s Literature

This course examines children’s literature as a cultural category that shapes and is shaped by changing notions of “the child” and childhood. Students explore the ways in which texts directed at children’s instruction and entertainment relate to their time, place, and generic form. Topics may include fiction; picture books; comics; film; and poetry.

39.0 Hours

Fees: \$582.09

NEW!

★ CENG230 Creativity, Writing, and Everyday Life

Creativity as a distinct practice of expression and investigation is a key function of art and learning. Students analyze the role of creativity in the making and criticism of literary objects, including poetry, short stories, novels, and more. Accounting for historical models of literary invention and other associated terms (such as genius and taste), students examine the role of creativity and its value in writing, scholarship, and the everyday circumstances of our lives.

39.0 Hours

Fees: \$589.39

★ CENG503 Science Fiction

The mythology of our civilization is the story of things to come. The prophetic visions of writers such as Asimov, Brunner, Clarke, Gibson, Heinlein, Herbert, Hogan, LeGuin, Lem and Niven offer endless playgrounds for the imagination. Their second gift is a widening vista or real alternatives: our future may be what they let us choose to make it. If you want to play an informed part in that choice, this course will provide the menu.

39.0 Hours

Fees: \$570.61

★ CENG505 Creative Writing

This upper-level course offers students the opportunity both to study models of good writing and to develop their own creative abilities. Class discussions and workshop groups are designed to enhance the student’s understanding of the creative process, to stimulate the imagination, and to develop individual abilities. Areas of discussion include style, prosody, conflict, character, dialogue, and revision.

39.0 Hours

Fees: \$580.00

★ CENG510 Gothic Horror

Antirequisite: ENG 580;

Invented over 200 years ago, the gothic has become one of the most popular genres in literature and film. This course will explore the gothic presence in popular culture during this time. Students will analyze ways in which the genre challenges not only other cultural conventions, but also claims in the realms of art, science, and medicine. Topics to be addressed include the relation of the gothic to gender, sexuality, class, orientalism, imperialism, and criminality.

39.0 Hours

Fees: \$564.36

★ CENG511 The Art of Writing Life

Antirequisite: ENG 570; Restriction: This course is not available for credit to students in ACS English Option, BA English, English-Philosophy and English-History double major programs

This course examines a variety of life-writing genres including the diary, letter, autobiography, memoir, and biography. By sampling a range of texts (both print and electronic) throughout history, students will explore diverse ways in which writers express their private and public stories about life and self. Students will gain an understanding of life-writing theory which can be used to rethink the relationships between gender and genre; fact and fiction; and art and artlessness.

39.0 Hours

Fees: \$570.61

☆ CENG602 Women’s Writing

Antirequisite: CENG 621; Restriction: This course is not available for credit to students in ACS English Option, BA English, English-Philosophy and English-History double major programs

What does it mean to “write as a woman”? Is there such a thing as “women’s writing” and if so, what are its characteristics? This course explores the ways in which women have contributed to literary traditions both by working within and by challenging mainstream movements. In examining women’s use of literary forms as aesthetic, personal and political sites, we will consider how issues of identity and historical context inflect and inform their writing strategies.

39.0 Hours

Fees: \$570.61

★ CENG706 Shakespeare and Performance

Prerequisite: ENG 108 or CENG 110

Shakespearean drama was an important medium for entertainment and for reflecting contemporary socio-political realities on stage. A mark of Shakespeare’s continued relevance and popularity is the constant remaking of his plays in a variety of media. This course analyses the textual, thematic, historical, and theoretical readings of Shakespearean drama. Students explore a variety of adaptations, including folk performance, early-modern theatre, television, and film.

39.0 Hours

Fees: \$570.61

French Studies

★ CFRS602 French Caribbean Literature and Culture

This course, taught in English, will focus on the literature, culture and arts of the Francophone Caribbean (Martinique, Guadeloupe, Haiti). Issues of colonialism and postcolonialism, slavery and freedom, exile and immigration, tensions between race and gender, between languages (French and Creole) will be examined through poetry, novels, storytelling, theatre, music and film analysis. Readings include major authors such as Césaire (father of negritude), Condé, Schwartz-Bart, Chamoiseau, J.J. Dominique.

This course is delivered through asynchronous learning, meaning you do not have to be online at specific times. However, there may be occasional live tutorials. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

History

★ CHIS105 Inventing Popular Culture

This course examines the history of popular culture, starting in the 19th century, seeking to define popular culture and understand its relationship to the formation of modern society. It considers such topics as the ideological use of popular culture, debates surrounding culture, notions of nation and community, and the growing dominance of commercial culture during a period when technology, human migration, and other factors increasingly blurred the boundaries of earlier cultural and social understanding. (Formerly HST 115).

39.0 Hours

Fees: \$636.34

★ CHIS106 Technology, Warfare and Social Change

This course introduces students to the technological and social implications of warfare from the ancient to the modern age. However, rather than dwell on the minutiae of military technologies and battle strategies, it explores the technological connections between war and society through asking such questions as how conflict fostered technology exchanges and medical advances; how improved naval technology furthered exploration; how military technologies found civilian use; and how new technologies changed the ethics of war. (Formerly HST 116).

39.0 Hours

Fees: \$636.34

☆ CHIS590 Modern International Relations

Antirequisites: HIS 490 and CHST 604

To understand the complexities of the modern world, we must have a firm grasp of international relations. What forces - political, social, or economic - have changed our world since 1945? What was the Cold War and what does its ending mean? This course uses history to illuminate relations and developments in specific areas, such as Europe, the Middle East, and Asia. It also trains students in how to formulate questions and find information effectively. (Formerly HST 500).

39.0 Hours

Fees: \$636.34

☆ CHST118 The City in History

The majority of humanity now lives in urban areas. How, when, and why did people shift from rural to urban life? Using a wide range of sources, this course introduces students to the development of cities and urban cultures from the ancient world to the modern metropolis. It examines both the causes and the effects of urbanization, and considers how people have shaped - and been shaped by - urban environments around the world.

39.0 Hours

Fees: \$613.39

☆ CHST119 Rise of Empires: History Through Film

Can film provide valid insight into our past? How do we understand film as historical artifact? This course tries to answer these questions and many others by exploring films which deal with early European imperialism, that is, from the time of Columbus to the end of the First World War. The topics will be international in scope, drawing on aspects of Asian, African, and Latin American history, and examining both “blockbuster” and independent films. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$613.39

☆ CHST207 Introduction to Ancient Greece and Rome

Antirequisite: HIS 275

This course introduces students to the “Classical” civilizations of Ancient Greece and Rome. It considers the rise of the Greek city-states, the transmission of culture and ideas to Rome and the impact of these cultures on contemporary society.

39.0 Hours

Fees: \$613.39

☆ CHST219 Decolonization: History Through Film

Can film provide valid insight into our past? How do we understand film as historical artifact? Films in this course will examine aspects of colonial rule in Asia and Africa from the end of the First World War to the late 20th century. There will be an emphasis on the struggle for liberation from the grip of colonial empires and the neo-imperialism practiced by the superpowers during the Cold War.

39.0 Hours

Fees: \$613.39

★ CHST222 The History of The Caribbean

This course examines the development of societies in the Caribbean from the intrusion of European explorers and settlers c.1492 to the dismantling of the slave systems in the 19th century, and beyond to issues, such as independence, affecting the region in modern times.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$521.57

☆ CHST501 The American Civil War

This course surveys the history of the Civil War, from its origins in 19th-century tensions through to the end of Reconstruction in 1877. Topics include: slavery, the growth of sectionalism, birth of the Republican Party, breakdown of the political system, justifications for and against secession, the founding of the Confederacy, the military conflict, life on the home front, Union victory, sectional reconciliation, and postwar conditions for freed Blacks.

39.0 Hours

Fees: \$570.61

☆ CHST503 Crime and Punishment in Modern Canada

This course is a historical inquiry into crime and punishment in 20th-century Canada. The major focus of the course is an examination of the social history of crime, which includes historical attitudes toward crime, definitions of what actions constitute criminal behaviour and how they change over time, and finally, the evolution of the relationship between the criminal justice system and social change.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

☆ CHST504 War to War: World Conflict 1900-45

Antirequisites: HIS 594, CHST 702, CHST 802

The two world wars between 1914 and 1945 have transformed our planet. In 1900 Europe dominated international relations; since then we have seen the rise of the superpowers of the United States and the Soviet Union, and a shift in power to the non-European world of Asia, Africa, and Latin America. This course examines the causes and significance of these changes. Topics include political, economic, and military factors, war-making, and peace-keeping. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

☆ CHST506 The Ancient Egyptian World

Antirequisite: HIS 559

This course introduces students to the complex civilization that was ancient Egypt (ca. 3500-323 BCE). Through analysis of both material culture and historical records, students will familiarize themselves with ancient Egyptian history, and engage with ancient Egypt beyond the exotic images of mummies and pyramids.

This course will require you to be online for live lectures at the scheduled time. There will also be some pre-recorded lectures. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

☆ CHST511 Quebec in Canada: A History

The relationship between Quebec and the rest of the country is a complex one, involving conquest, submission, survival, compromise, cooperation and confrontation. This course explores the twists and turns of the historical relationship in order to provide a deeper appreciation of the place of Quebec in Canada and of the nature of modern Quebec society.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$564.36

☆ CHST527 Toronto: Wilderness to Metropolis

In less than 200 years Toronto has grown from a small town into a major metropolis. This course looks at elements in that development, such as: immigration and its effects, 19th-century social classes and ethnic rivalries, the growth and movement of industry, pollution problems, the struggle over municipal services, urban calamities, the absorption of other communities, problems of the poor, the growth of suburbs, and the emergence of a multicultural city.

39.0 Hours Fees: \$607.13

☆ CHST533 Africa Before 1850

This course deals with African history before European colonization. The approach is thematic and the course focus will shift with developments in the field. Some themes that might be included are: the use of oral tradition, the development of ancient civilizations and states in Africa, the spread of Islam, the Atlantic Slave Trade, trade networks, and the shift to “legitimate commerce.” This course is best taken with HST 653.

39.0 Hours Fees: \$564.36

☆ CHST540 Espionage: A Modern History

Hidden codes, special devices, fiendish villains, and top secrets all have a special place in popular culture, but as alluring as the mythology may be, it does not answer important questions about the roles that espionage and intelligence agencies play in international relations. This course covers the evolution of spying and spy services from the late 19th century to the present, focusing on the effects of major issues such as the two world wars, the Cold War, 9-11, and international security threats today.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$570.61

★ CHST602 Propaganda!

This course examines modern propaganda, a distinctive form that dates to the turn of the twentieth century, and follows its evolution during the World Wars and the Cold War; its application in the First Gulf War; and

in the Global War on Terror in response to the 9/11 attacks. Analysis of these events will illustrate propaganda’s successes and failures as well as its unintended consequences, from military/political “blowback” to the fueling of conspiracy culture.

39.0 Hours Fees: \$570.61

☆ CHST603 The Third Reich

This course introduces students to the history of Germany’s Third Reich and its international impact from its origins in the 1920s to the aftermath of its defeat in 1945. Topics include the birth of Nazism in Weimar Germany; Adolph Hitler’s rise to power; Nazi government, economy, and society; the Holocaust; territorial expansion; the conduct of the Second World War; the collapse of the Third Reich; and ongoing deliberations about its legacies.

39.0 Hours Fees: \$570.61

☆ CHST604 The Uneasy Peace: The Cold War, 1945-90

Antirequisites: HIS 490 and CHIS 590 and HST 500

This course explores the story of the Cold War, a conflict that dominated international relations for much of the postwar period. Topics include the emergence of the United States and Soviet Union as superpowers, the division of Europe after 1945, the creation of Cold War alliances, decolonization, superpower conflict by proxy, the rise of regional powers, the collapse of the Soviet Union, and the legacy of the conflict for the 21st century.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$570.61

☆ CHST633 Modern Africa

Antirequisites: HIS 556 and HIS 656

What historical dynamics have produced the Africa we know today? How far are today’s problems rooted in the colonial experience? This course examines the history of the continent from the beginning of the colonial period to the present. Some of the themes covered include: resistance to colonial rule, the development of nationalism, class formation, changing gender roles, Africa in the world economy, and democratization movements. This course is best taken with HST 533.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$564.36

☆ CHST658 Sex in the City

This course addresses how cities have fostered both commercial and noncommercial sexual cultures, sexual communities, and sex districts over time. Students will examine the histories of male and female prostitution, the development of non-heterosexual urban communities, cultures of urban romance, visual representations of sex and cities, and the histories of gender, race, class, politics and culture that structure these issues of sex in the city.

39.0 Hours Fees: \$570.61

☆ CHST701 Scientific Technology and Modern Society

Our lives are shaped by scientific knowledge applied to new inventions. This course examines how scientific technology both reflects and transforms our society, and how it created key fundamental industries in our high-tech, energy-dependent society. It covers the invention of modern electrical and transportation systems, modern warfare, problems of biotechnology, the ethics of industrial chemistry, nuclear energy and the atomic bomb, and the computer revolution.

39.0 Hours Fees: \$570.61

☆ CHST702 The First World War

Antirequisites: HIS 594, CHST 504

This course examines the causes, conduct, and outcomes of the world’s first total war. Key themes include pivotal military events, soldiers’ experiences, and, especially, the interactions between the home front and the front lines that distinguished the Great War from earlier conflicts and that shaped its outcome and long-term consequences. Accordingly, the connections between the political, military, social, economic, and cultural dimensions of the war are central topics of study in this course.

39.0 Hours Fees: \$570.61

☆ CHST711 Canada and the United States

This course explores a pivotal relationship in Canada’s development by looking beyond formal ties, such as treaties, to political, economic, and cultural forces with the United States. It starts in the 18th century, but the major focus is on the 20th century, when the two countries were never closer. Topics include the Cold War, economic links, tensions, culture and nationhood, and Free Trade.

39.0 Hours Fees: \$570.61

☆ CHST787 Astronomy vs Astrology

Today the difference between astronomy and astrology is defined with clarity, with the former recognized as an established scientific discipline and the latter regarded as a pseudoscience, rejected for its lack of credibility. Such was not always the case, as astrology gave birth to astronomy. This course explores the complex interrelationship between the two from the third millennium BCE to 1700 CE.

39.0 Hours Fees: \$607.13

☆ CHST802 The Second World War

This war rightly has been called a total war. New technologies and strategies affected civilians as much as the military, and the fighting raged across the globe. We examine the war in Europe, Asia, and beyond, exploring such questions as the role of aerial bombing, of science, of intelligence, and of propaganda in the conflagration while considering the war’s impact on daily life in occupied countries, and the distinct experience of the dictatorships and democracies.

39.0 Hours Fees: \$570.61

☆ CHST811 The Holocaust

This course provides an in-depth study of the Holocaust and an exploration of the major areas of historical inquiry that surround this watershed event. Students explore the roots of antisemitism, the Nazi rise to power, the nature of Nazi racial ideology, non-Jewish victim groups targeted for persecution, the motives of Nazi perpetrators, the experiences of the victims, issues of rescue and resistance, and the responses of governments and international organizations. Students will also consider the legacy of the Holocaust and contemporary genocide issues.

39.0 Hours Fees: \$607.13

Music

★ CMUS101 Intro to World and Early European Music

This course provides basic knowledge and understanding of music in culture, with emphasis on listening skills and repertoire. Brief survey of world music and the Medieval, Renaissance and Baroque periods in European music. The functions of music in culture. Study of music vocabulary and early genres of music.

39.0 Hours

Fees: \$589.39

★ CMUS106 The Architecture of Music

While music is everywhere around us in our daily lives, for the listener many of its structural elements are often difficult to identify and appreciate. Through theoretical analysis and experiential learning, this course will provide a range of technical tools for acquiring a thorough grasp of how music is organized and created. Here, students will learn the fundamentals of music notation, develop essential aural skills, and acquire a strong understanding of the tonal system.

39.0 Hours

Fees: \$585.22

★ CMUS201 Introduction to Classical Music

This course examines Western music from the Classical, Romantic and Modern periods (approx. 1750 to the present day). Survey of the development of major styles, genres and forms of European music, including symphony, concerto and sonata. Lives and works of the great composers including Mozart, Beethoven and Stravinsky.

39.0 Hours

Fees: \$589.39

☆ CMUS220 Global Popular Music

This course will offer a survey of global popular music, investigating how the adoption of western genres have been informed by new local contexts. The growth of diasporic fan bases and globalized movement of music via modern technology will be examined, alongside the impact of regional identities and political movements on music production. Examples from global popular music will be analyzed to illustrate both developments in musical style and music’s connection to social change.

39.0 Hours

Fees: \$589.39

★ CMUS501 Music of World Cultures

This course surveys folk, art, and popular musics from around the world. Course content covers musical systems, instruments, performance practices, social structures, and religious belief systems. Musical analysis is integrated with theoretical concepts to develop a cross-cultural appreciation of music, including: race, cultural identity, post-colonialism, and globalization. Musical cultures to be explored may include those of Canada’s First Nations, the Caribbean, Brazil, West Africa, Northern Europe, West Asia, India, China, Japan, and Indonesia.

39.0 Hours

Fees: \$570.61

★ CMUS503 Social Issues in Popular Music

This course will examine the relationship between contemporary popular music and social issues. The ways in which popular music addresses, interacts with and intersects identity formation, political movements, technological change, class structures and geography will be among the topics covered. Examples from 20th and 21st century North American and global popular music will be included to illustrate both developments in musical style and music’s connection to social change.

39.0 Hours

Fees: \$570.61

★ CMUS505 The History of Pop Music

Antirequisite: RTA 905 (formerly BDC 935)

This course explores the development of North American, British and non-western popular music. Lectures investigate key historical periods and genres which define the popular idiom in the west, such as blues, jazz, country, rock n’ roll, folk, rap, and electronica, as well as popular idioms from beyond the western world. Changes in technology, economics and demographics will be discussed, as will links between popular music and the prevailing social conditions of each period.

39.0 Hours

Fees: \$570.61

NEW!

☆ CMUS520 Women in Popular Music

This course will examine the role of women in recorded popular music, looking at the interrelationships of gender identity, gender performance, and musical creation. How women have sought agency and independence within the western capitalist music industry model will be examined, using case studies of the lives and careers of female musicians. Examples from western popular music will be analyzed to illustrate the social, cultural, and political contexts that influence female participation in music.

39.0 Hours

Fees: \$570.61

Philosophy

★ CPHL101 Plato and the Roots of Western Philosophy

An introduction to Philosophy, using Plato’s Republic. Topics include: How ought we to live our lives? What is justice? What is the nature of society and the individual? What social arrangements (educational, political, economic) best serve the ideals of justice and happiness?

39.0 Hours

Fees: \$589.39

☆ CPHL110 Philosophy of Religion I

Antirequisite: PHL 610

This course examines religion from a philosophical perspective. What is the nature of the “divine”? Can we give a rational account of religious experience? Can we prove the existence of God? Can the idea of God be reconciled with the presence of evil in the world? Is atheism a viable alternative to faith? These are just some of the questions this course explores. We will consider both western and eastern religions.

39.0 Hours

Fees: \$589.39

☆ CPHL187 Ancient Greek Philosophy

This course explores major themes in Ancient Greek thought. The course covers some of the doctrines Plato and Aristotle developed to answer a wide range of questions, e.g., What is the good life for a human being? What is knowledge? How should we distinguish reality from appearances? What kinds of things exist? What is the soul? Is the soul immortal? In addition, we may examine the ideas of other philosophers of this period.

39.0 Hours

Fees: \$577.91

★ CPHL201 Problems in Philosophy

Antirequisite: PHC 180

This course serves as a problem-based introduction to philosophy. Enduring issues such as ‘Do we have free will?’, ‘What makes you the same person through time and change?’, ‘Can we know whether God exists or not?’, and ‘How are mind and body related?’ will be explored. Development of student skills in the critical analysis and articulation of reasoning will be emphasized.

39.0 Hours

Fees: \$589.39

☆ CPHL214 Critical Thinking I

Antirequisites: CSSH 105, PHC 182: Not available to ACS, Criminology, English, Environmental and Urban Sustainability, Geography, History, GCM, Int’l Econ, Philosophy, Politics and Governance, Psychology, Sociology or Undeclared Arts students.

A course designed to develop clarity of thought and method in the construction, analysis and evaluation of both unsupported claims and those supported by arguments. While there will be some exposure to the notion of logical form, the emphasis here is upon informal principles and arguments stated in ordinary language. Topics include the nature and methods of argument, classification and definition, along with some common fallacies and some questions about meaning and language. Restriction: Criminal Justice, Politics and Governance, Psychology, Sociology, Undeclared Arts. PHL 214 is not available for credit to students who choose SSH 105. Restriction: AC001, CJ001, PG001, PS001, SO001, AV001

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$589.39

★ CPHL302 Ethics and Health Care

Antirequisite: CPHL 509

This course examines ethical issues arising in the delivery of health care at both the level of the practitioner/client relationship (confidentiality, informed consent, euthanasia, abortion) and at a broader social level (justice and resource allocation, new technologies, professionalization and power). The course will draw on: a) general philosophical analysis of central concepts (good, right, justice, person-hood, autonomy, authority, integrity, health); b) general theoretical perspectives (feminism, “the Biomedical model”, Utilitarianism, deontology); and c) student professional education and clinical experience in nursing.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$575.85

☆ CPHL306 Freedom, Equality, Limits of Authority

Antirequisites: PHC 181, PHL 181

In light of our moral concepts and theories, this course critically examines current controversies concerning individual freedom and responsibility, social equality, and the limits of governmental authority. Topics are drawn from issues like the following: censorship of hate literature, pornography, and advertising; prohibition of drugs, gambling, and prostitution; group-differentiated rights concerning aboriginal peoples, cultural sovereignty, affirmative action, and pay equity.

39.0 Hours

Fees: \$578.95

★ CPHL307 Business Ethics

Antirequisites: BUS 223, ITM 407, ITM 734

This course examines ethical issues and controversies concerning contemporary business practices and situates them within the broad intellectual framework of a free market society. Discussion will draw from such topics as: the concept of a market society, consumer sovereignty, utilitarian and contract models of business ethics, profit making and social responsibility, self-interest and altruism, the concept of business as a practice, mechanistic and organic conceptions of business, advertising, human rights, and conflicts of interest.

39.0 Hours

Fees: \$570.61

★ CPHL333 Philosophy of Human Nature

This course examines philosophical writings about human nature. Topics may include: 1) What meanings are there for the word ‘nature’? 2) How do we differentiate human nature from the nature of other sorts of beings? 3) What makes a response to a problem a human response? The course presumes that there are no unquestioned first principles, such as the existence of God, the inherent goodness of humans, or the objectivity of truth claims and values.

39.0 Hours Fees: \$570.61

★ CPHL366 Existentialism and Art and Culture

Through literature, visual art, film, and theory, this course explores existentialist lines of thought and their implications for modern day life. Existentialism is a philosophical and cultural movement critical of social illusions and self-deceptions that thwart genuine freedom. Exploring experiences of anxiety, futility, and isolation, analyzing the nature of the individual’s relation to society, morality and religion, and arguing for the irrational nature of reality, existentialist theorists and artists seek to promote freedom, creativity, authenticity.

39.0 Hours Fees: \$570.61

☆ CPHL406 Issues of Life, Death and Poverty

Antirequisite: PHC 181, PHL 181

In light of our moral concepts and theories, this course critically examines current controversies concerning the sanctity of life, the constraints on ending life, and our obligations to provide the conditions for an acceptable life. Topics are drawn from issues like the following: abortion, euthanasia, capital punishment, genetic manipulation, war, torture, global poverty, famine relief, and basic welfare rights.

39.0 Hours Fees: \$578.95

★ CPHL500 Philosophy of the Natural Environment

The rise of environmental philosophy challenges the “anthropocentric paradigm” that has dominated Western thought. This course explores the implications of this challenge for our conception of ourselves, the basis for both human and natural values, and our obligations within the human and biotic communities. Topics include: traditional philosophical attitudes towards nature, obligations to future generations, “animal rights”, individual versus holistic models of value in relation to ecosystems, species and wilderness, and conflicts between human and natural values.

39.0 Hours Fees: \$564.36

☆ CPHL504 Philosophy of Art

The objective of this course is to provide students with an overview of a number of different theories concerning the nature of art. It will address such matters as the relationship between art and truth, the appropriate criteria of art criticism, the distinction between art and non-art, and the nature of aesthetic values.

39.0 Hours Fees: \$570.61

★ CPHL509 Bioethics

Antirequisite: CPHL 302

Recent advances in biomedical sciences have raised a host of ethical concerns involving the sanctity and quality of life, fairness, equality, and autonomy. New and revolutionary developments call for legislative reform and policies designed to keep research and its applications within appropriate boundaries. This course examines issues such as cloning, assisted reproduction, genetic screening, gene therapy, organ donation, and resource allocation within a framework of moral principles and contemporary debate. PHL 509 is not available for credit to students who

choose PHL 302. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$564.36

☆ CPHL550 Knowledge, Truth and Belief

Do we know anything? If so, what do we know, and how do we know it? What is the difference between knowledge and mere belief or opinion? How can we tell if our beliefs are justified? What makes some beliefs true, and others false? Epistemology - the study of knowledge - is the branch of philosophy concerned with such questions. This course explores these issues by examining some important contributions to the field, both historical and contemporary. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$570.61

☆ CPHL551 Metaphysics

This course is an introduction to philosophical accounts of the fundamental structure and organization of reality. Questions to be considered may include: Why does the universe exist? What are space and time? Is the past as real as the present? Are future events fated to happen? How is change possible? Are there other universes besides the one we live in? Criticisms of philosophical attempts to answer these questions will also be discussed.

39.0 Hours Fees: \$570.61

★ CPHL603 Fundamentals of Ethics

Prerequisite: CPHL 306 or CPHL 406 or CPHL 503 or CPHL 612

This course explores fundamental questions about ethics. Possible questions include: What makes an action right, or a person good? Is ethics somehow relative to cultures or individuals? Or might some ethical truths be timelessly true, regardless of people’s beliefs? Is ethics based on religious or spiritual truths? Must we do what’s right even if we don’t want to? Is ethics a product of evolution, and if so, should this undermine our commitment to ethics?

39.0 Hours Fees: \$570.61

☆ CPHL605 Existentialism

For existentialists, freedom is not a given, but something to achieve. Reading authors like Kierkegaard, Nietzsche, Sartre, Beauvoir and Heidegger, we’ll ask what aspects of the human condition tend to thwart true freedom: Self-deception? Social norms or religious codes?

Anxiety in confronting death? Longing for absolute justification for life’s meaning? Alienation arising from an overestimation of reason or technology? We’ll also consider what is required for authenticity, responsibility, freedom, and, possibly, the meaning of faith.

39.0 Hours Fees: \$570.61

☆ CPHL606 Philosophy of Love and Sex

This course examines historical and contemporary philosophical perspectives on love and sex. Questions considered may include: What is romantic love? What are the relations between love, monogamy and marriage? Is adultery always morally wrong? What are the relations between love/sex and personal identity, gender and biology? What are sexual perversions? What is the moral status of prostitution and the commodification of sex? How should we define the concept of sexual harassment? This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$570.61

☆ CPHL611 Philosophy of Mind

This course will examine, through both classical and contemporary texts, selected issues regarding human (and other) minds such as: How are mind and brain related? What is consciousness? Are thoughts prior to the acquisition of language? Can/could computers think? Do non-human animals think? Can the mind be ‘naturalized’ (understood as a product of evolution) or must it remain beyond our understanding?

39.0 Hours Fees: \$570.61

★ CPHL612 Philosophy of Law

What is law? What makes something a legal norm? Should citizens always obey the law? What is the relationship between law and morality? This course will examine diverse perspectives on law, such as natural law, legal positivism, feminist legal theory, and other critical theories. Themes to be covered include: equality, expressive, liberty and religious rights, as well as legal interpretation. There will be a focus on debates over the legal regulation of contested social practices. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$570.61

☆ CPHL709 Religion, Science and Philosophy

The physical sciences have contributed to philosophical debates regarding the apparent conflict between religious and scientific outlooks. In particular, religion and science seem to suggest different accounts of human nature, the universe, and our place in it. This course is concerned with issues such as: the basis for religious and scientific claims, nature and intelligent design, causality and free-will, and the emergence of mind.

39.0 Hours Fees: \$570.61

☆ CPHL710 Philosophy and Film

This course examines the medium of film from several philosophical perspectives. Questions to be considered may include: What distinguishes film from other mass media and art forms? Do technical developments alter the definition of film? Is there a language of film? What can film teach us about the nature of perception? Does film contain an inherent gender bias? Has film created a captive audience, or is it the truly democratic art form?

39.0 Hours Fees: \$570.61

Psychology

★ CPSY102 Introduction to Psychology I

Antirequisite: CPSY 105

This course introduces students to psychology, the scientific study of behaviour and cognition, by examining the basic principles of psychology and their applications to everyday experience. The course surveys some core areas of psychology including research methods, biological bases of behaviour, sensation and perception, memory, and cognition.

39.0 Hours

Fees: \$589.39

★ CPSY105 Perspectives in Psychology

Antirequisite: CPSY 102

This course introduces students to psychology by exploring several viewpoints within the discipline, such as the biological, behaviourist/learning, cognitive, and psychodynamic perspectives. The emphasis is on examining the ways in which these perspectives have influenced our understanding of how people act, think, and feel, and the contributions that each has made to psychology as a discipline. Students may not enrol in CPSY 105 if they are also taking or have already passed PSY 11B or PSY 11.

39.0 Hours

Fees: \$589.39

★ CPSY202 Introduction to Psychology II

Prerequisite: CPSY 102 or CPSY 105

This course continues the introduction to psychology from PSY 102, with a focus on applying psychological principles in different contexts. The course surveys some core areas of psychology, including personality, development over the life span, behaviour in a social context, and psychological disorders.

39.0 Hours

Fees: \$589.39

★ CPSY215 Psychology of Addictions

Prerequisite: CPSY 105 or CPSY 102

This course introduces students to basic principles and issues in the area of addiction, the factors that influence its development, and the methods used to treat it. The similarities and differences between addictive disorders and other forms of psychopathology are discussed. The course studies both experimental and clinical approaches to addiction. The course covers the various instruments and methods used by addiction researchers and clinicians and discusses their strengths and weaknesses.

39.0 Hours

Fees: \$570.61

★ CPSY300 Psychology and Law

Prerequisite: CPSY 105 or CPSY 102

Psychology's empirical perspective sometimes complements the legal system's rule-based nature, and sometimes the two disciplines are at odds. This course focuses on the application of psychological theory, methods, and data to various procedures and issues in the legal system, including eyewitness evidence, the detection of deception, jury selection and jury decision-making, and sentencing.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

★ CPSY302 Child Development

Prerequisite: CPSY 102 or CPSY 105; Antirequisites: CCLD 204, CCLD 205, CCLD 206

This course introduces students to the methods, theories, findings and practical applications of research in the area of child development. The focus is on describing the significant changes in physical, cognitive, social and emotional development and on explaining why these changes occur. This course also discusses the immediate contextual influences of families, peer groups, and schools as well as on the broader contextual influences of subculture, culture, and historical era.

39.0 Hours

Fees: \$578.95

★ CPSY308 Psychology of Thinking

Antirequisite: PSY 108

This course discusses human information-processing abilities and limitations in critical-thinking contexts such as solving problems, making decisions, testing hypotheses, and understanding probabilities. Individual and social factors that affect the efficiency of these processes will be examined, and the consequences of poor thinking processes for the individual and for society will be considered.

39.0 Hours

Fees: \$578.95

★ CPSY324 Biological Psychology

Prerequisite: CPSY 105 or CPSY 102

This course is concerned with integrating the understanding of human behaviour and the understanding of physiological mechanisms relating to behaviour, particularly those of the nervous system and brain. Students are introduced to neurons and neurophysiology, neuroanatomy, neurochemistry, and the methods used in physiological research. These core areas allow students to understand how nervous system mechanisms contribute to sensorimotor function, ingestion, sexual behaviour, memory, thought, language and consciousness, addictions and psychological disorders.

39.0 Hours

Fees: \$570.61

★ CPSY325 Psychological Disorders

Prerequisite: CPSY 105 or CPSY 102; Antirequisite: CPSY 606

This course examines conceptions of abnormality, how psychological disorders are classified, and how they are treated. The DSM classification system and alternative systems will be critically considered, and the causes of psychological disorders will be discussed from a variety of perspectives (e.g., biological, behaviourist, sociocultural). Disorders to be discussed include (but are not limited to) depressive disorders, anxiety disorders, schizophrenia, personality disorders, and eating disorders. In addition, the course includes consideration of cross-cultural factors, and ethical issues.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

★ CPSY335 Clinical Psychology

Prerequisite: CPSY 325

Clinical psychology concerns the assessment, diagnosis, and treatment of individuals who experience social, emotional, behavioural, and mental health problems. Topics covered include the history of clinical psychology, professional and ethical issues, assessment and diagnosis of mental health problems, modalities of treatment (e.g., individual, group, family), therapeutic orientations and their methods and techniques, and current issues. This course combines a study of theory, research, and practice.

39.0 Hours

Fees: \$570.61

★ CPSY402 Adult Development

Prerequisite: CPSY 105 or CPSY 102

All of us hold beliefs about what it means to be an adult and what it means to grow old. In this course, students examine their beliefs in light of scientific evidence on adult development and aging. Theories and empirical findings related to changes in physical, cognitive, personality, and social processes are examined. Contextual influences of family, culture, and historical era are emphasized. A recurrent theme is the tremendous diversity and individual variability in aging.

39.0 Hours

Fees: \$570.61

★ CPSY411 Research Methods and Statistics I

Prerequisites: CPSY 102 and CPSY 202

This course introduces students to basic research designs, statistical concepts, and data-analysis procedures. Topics include describing and summarizing data, probability basics and hypothesis testing, simple correlation and regression, t-tests, and Chi-square analyses. A statistical software package (e.g., SPSS) is used throughout the course. This course is intended for students enrolled in the full-time BA psychology degree program or a psychology certificate.

39.0 Hours

Fees: \$570.61

★ CPSY504 Social Psychology

Prerequisite: CPSY 105 or CPSY 102; Antirequisite: CPSY 124

Social Psychology is an extremely diverse field that generally deals with people in social situations. Core topics include social behaviour such as aggression, obedience, conformity, intimate relationships, and how groups function. They also include attitudes, social cognition, social perception, prejudice and feelings of guilt, all of which are assumed to affect social behaviour. Basic methodological issues will be discussed as they pertain to the above topics. Core topics include social behaviour such as aggression, obedience, conformity, intimate relationships, and how groups function. They also include attitudes, social cognition, social perception, prejudice and feelings of guilt, all of which are assumed to affect social behaviour. Basic methodological issues will be discussed as they pertain to the above topics.

39.0 Hours

Fees: \$564.36

★ CPSY505 Personality Theory

Prerequisite: CPSY 105 or CPSY 102

This course discusses the pattern of psychological characteristics that differentiate each of us from others and lead us to act consistently across some situations. Major perspectives on the understanding of these patterns are discussed, including the theorists aligned with each approach.

39.0 Hours

Fees: \$570.61

★ CPSY602 Developmental Psychopathology

Prerequisites: [CPSY 302 and (CPSY 102 or CPSY 105)] or [two of CCLD 204, CCLD 205, CCLD 206]

This course examines psychological disorders in children and adolescents, taking into account the developmental context in which such disorders occur. Topics include classification and assessment, anxiety disorders, depression, conduct disorders, attention deficit disorder, autism, schizophrenia, and eating disorders.

39.0 Hours

Fees: \$570.61

★ CPSY605 Psychology of Health and Health Care

Prerequisite: CPSY 102 or CPSY 105

This course will offer insight into the psychological influences on health, with an emphasis on the application of psychological principles to health care delivery and disease prevention. Among the topics discussed are general health promotion, patient-practitioner interaction, stress, pain, and psychological issues in chronic and life-threatening illness.

39.0 Hours

Fees: \$570.61

★ CPSY606 Abnormal Psychology

Prerequisite: CPSY 105or CPSY 102; Antirequisite: CPSY 325

This course studies clinical syndromes ranging from the mild patterns of personality pathology to the more severe disorders. In addition, the techniques involved in the diagnosis of disorders and the types of therapy available will be examined.

39.0 Hours

Fees: \$564.36

★ CPSY607 Drugs and Human Behaviour

Prerequisite: CPSY 105 or CPSY 102; Antirequisite: CPSY 214

This course introduces students to the social, psychological and biological factors involved in the use and effects of psychoactive drugs and drug-taking behaviour. The course examines two aspects of drug use: addiction and the drug treatment of mental disorders. It addresses current issues such as the use of designer and performance-enhancing drugs. Topics range from historical, social, and cultural aspects of psychoactive drug use, to neurobiology and pharmacology underlying drugs and drug use.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

NEW!**★ CPSY612 Independent Study***Prerequisite: CPSY 411 and Department Consent*

This course is only available to current full-time Psychology undergraduate students. Students will have an opportunity to work with an individual faculty member on a research project, review paper or other activity that provides an in-depth experience in a specific area of psychology. Topics and format will be determined on a case by case basis. This course is restricted to certificate students who have completed all other certificate requirements.

Before you enrol in CPSY 612, you should contact Dr. Maureen Reed, Academic Coordinator (at mreed@torontomu.ca or 416-979-5000, ext. 557111) at least one week prior to the start date in Fall or Winter term, to be assigned a faculty advisor from the Department of Psychology.

39.0 Hours Fees: \$570.61

★ CPSY614 Psychology of Sport*Prerequisite: CPSY 105 or CPSY 102; Antirequisite: PSY 560*

This course examines sport by applying psychological theory and research to the many different domains of sport. Topics include personality and the athlete; attention, anxiety, and arousal; motivation, leadership, exercise adherence, and development of expert performance.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours Fees: \$570.61

★ CPSY621 Psychology of Human Sexuality*Prerequisite: CPSY 105 or CPSY 102; Antirequisite: PSY 550*

This course examines contemporary knowledge and attitudes towards human sexuality. Multiple perspectives will be presented, including psychosocial, cross-cultural and psychobiological. Sexuality across the life span will be examined, including issues pertaining to: biological sexual differentiation, intimacy and communication, gender role development, varieties of sexual relationships and behaviour, contraception, procreative technologies, and sexually transmitted diseases and HIV.

39.0 Hours Fees: \$570.61

★ CPSY682 Sleep*Prerequisites: CPSY 105 or CPSY 102*

This course introduces students to biobehavioural perspectives on sleep. After learning about healthy sleep across the lifespan, and understanding sleep through animal models, students will be introduced to evidence-based theories and interventions for sleep problems. The focus of the course will be on building a foundation to understand sleep disorders, most notably insomnia.

39.0 Hours Fees: \$570.61

★ CPSY706 Positive Psychology*Prerequisite: CPSY 105 or CPSY 102*

Positive Psychology is the study of optimal human functioning, of how we thrive. The field of Positive Psychology blends insight, research, and wisdom from numerous traditions and fields including cognitive psychology, health psychology, organizational behaviour, learning science, and neuroscience. In this course, we explore what comprises happiness, including resilience, habit formation, growth mindset, mindfulness, character strengths, awe, hope, and purpose, with special emphasis on applications to Canadian post-secondary students.

39.0 Hours Fees: \$564.36

★ CPSY707 Models of Stress and Adaptation*Prerequisite: CPSY 105 or CPSY 102; Antirequisite: CPSY 805*

Every society produces stressors to which the members of that society must respond. In our society stress is commonplace, but the origins, effects and handling of stress are often poorly understood. Through the examination of psychological models of stress, this course seeks to make students aware of the stressors present in our society and of their own personal resources for adjustment and growth.

39.0 Hours Fees: \$570.61

★ CPSY802 Death, Dying and Bereavement*Prerequisite: CPSY 105 or CPSY 102*

This course presents a comprehensive review and critical analysis of empirical findings on death, dying and bereavement. There will be a discussion of research-based techniques for dealing with the problems and stresses encountered in helping the dying or grieving person to adjust.

39.0 Hours Fees: \$570.61

★ *CPSY805 Adjustment, Stress and Coping*

Prerequisite: CPSY 105 or CPSY 102; Antirequisite: CPSY 707

This course will offer insight into stress, its consequences, and what individuals can do to cope. There is a balance of theory and applied information, and although we will concentrate on psychological variables, physiological issues are also considered. Among the topics discussed: popular models of stress, sources of stress, the influence of cognitions and personality on one's appraisal process, and strategies for successful stress management.

39.0 Hours Fees: \$570.61

★ CPSY808 Community Psychology*Prerequisite: CPSY 105 or CPSY 102*

In general, community psychology is concerned with the application of psychological principles to social issues such as child abuse, homelessness, school violence, racism, crime, and chemical dependency. This course will examine a number of topics related to community psychology including theories of community psychology, research methods, community mental health, prevention programs, the community practitioner as social change agent, and applications of community psychology to other settings and situations.

39.0 Hours Fees: \$564.36

Religious Studies**☆ CREL101 Introduction to World Religions**

This course is a survey of the history, social and political context, beliefs, practices, and influence of the major religious traditions of the world. The course will introduce students to the religions of Indian origin (Hinduism, Buddhism, and Sikhism), the religions of Chinese origin (Confucianism, Taoism, and Chinese Buddhism), and the religions of Semitic origin (Judaism, Christianity, and Islam). This course presupposes no religious or anti-religious perspective.

39.0 Hours Fees: \$589.39

Social Science and Humanities**🕒 COPH200 Ethics Capstone Course**

This course requires participants to produce a 30 to 40-page scholarly essay, case study research paper, or project in another form of equivalent scholarship and depth on an ethical issue or an area of ethical theory. Normally, the participants will have a designated supervisor to oversee their work, although it is expected that their efforts will be largely self-directed.

This course may be taken as individualized study/directed reading; please contact the Academic Coordinator, Dr. Thomas Hart, at acphilosophy@torontomu.ca prior to enrolling.

39.0 Hours Fees: \$875.76

★ CSSH105 Critical Thinking I*Antirequisite: CPHL 214*

Rational discourse has long been viewed as a principal force for social change. In this course, we will examine the structures and principles that undergird all forms of rational discourse, and we will learn how to assess the logical strength and persuasiveness of particular discourses. These skills will be applied to arguments found in everyday life, and to the formulation of one's own positions. (Formerly ACS 105)

39.0 Hours Fees: \$580.00

★ CSSH205 Academic Writing and Research

From an interdisciplinary perspective, this course introduces the fundamentals of research, interpretive skills, and argument-based essay writing. Writing-intensive, the course explores some of the social and cultural implications of written communication. By examining a variety of texts, many of which address the interface of culture and technology, this course asks how we write and why.

39.0 Hours Fees: \$580.00

★ CSSH301 Research Design and Qualitative Methods

This course will focus on the student gaining an understanding of the uses of qualitative research designs and techniques. Topics include sampling methods, questionnaire design and implementation, interviews, focus groups, participant observation, and action research. Methodological assumptions, concepts and procedures will be presented. Students will develop their ability to review existing literature and to construct their own research. (Formerly ACS 301)

39.0 Hours Fees: \$580.00

★ CSSH502 Community Action Research

This course connects the classroom with the community to explore questions at the forefront of social research and community development. Students will be introduced to ways of thinking and scholarship that cut across disciplines, combine theory and practice, encourage collaboration, and work with the ambiguities of the real world. Students will strengthen their self-awareness, leadership skills, and capacities to research and communicate effectively about complex social issues.

39.0 Hours Fees: \$580.00

☆ **CSSH505 Making the Future**

This course focuses on areas such as health, innovation and entrepreneurship, religion, philosophy, diversity, and public engagement that present issues or opportunities for Canada in the future. Students will be challenged to imagine how these fields might change and what role they could play in achieving these transformations. Through presentations by experts in the field and weekly discussions, students will take up the challenge of making a future for Canada and themselves.

39.0 Hours

Fees: \$580.00

Sociology

☆ **CSOC103 How Society Works**

*Antirequisites: CSOC 104, CSOC 105, SOC 11 A/B, SOC 111, SOC 112
Not available to students in Child and Youth Care, Early Childhood Studies, Nursing, Social Work, Sociology, Urban and Regional Planning*

This course provides an introduction to some of the major issues in sociology. It examines how societies come into existence, how they are organized and maintained, and how they change. The major sociological perspectives are used to understand the relationship between culture, institutions and social behaviour; the process of socialization; globalization and the political-economic structure of Canadian society; and the resulting social inequalities of class, race and gender.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$589.39

☆ **CSOC104 Understanding Society**

Antirequisites: SOC 11B, CSOC 103, CSOC 105, SOC 111

This course provides an introduction to some of the major issues in the discipline of sociology. Topics include: the major theoretical debates of classical sociology; research methods and problems; culture and socialization; the evolution of human societies; and the structure of Canadian society. Professionally-related examples are used throughout the course.

39.0 Hours

Fees: \$589.39

★ **CSOC107 Sociology of the Everyday**

A sociological perspective allows us to see generality in particularity, and strangeness in the familiar. This course gives the students a sociological perspective useful for investigating ordinary, common everyday activities and interaction that most of us find routinely engaging. Some concentration is provided to the urban experience of everyday life. Through examining seemingly mundane behaviours—eating, chatting, watching TV, etc., students study underlying structures that shape social behaviour and learn about historical and qualitative social research methods.

39.0 Hours

Fees: \$639.48

☆ **CSOC202 Popular Culture**

Antirequisite: SYC 185

What is considered popular culture is up for debate. This course examines different ideas about popular culture and how they inform our personal politics, consumption practices, and common-sense ideas about the world. We consider how different cultural industries are shaped, packaged for consumption, but sometimes resisted. Using a critical approach we sociologically examine cultural forms such as advertising, social activism, television, the cult of celebrity, music, electronic and film media, leisure customs, and everyday practices.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and

email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$589.39

☆ **CSOC203 Social Class and Inequality**

Antirequisite: SOC 420

This course examines the distribution of power and wealth in society. As a social reality, inequality leaves no one untouched, whether or not we are conscious of it. This course traces the origins of social inequality and reflects on the various interpretations of social stratification. At the macro level, analysis examines how patterns of inequality are reproduced and altered over time. At the micro level, analysis considers how inequality shapes individual career choices and other experiences.

39.0 Hours

Fees: \$589.39

★ **CSOC502 Violence and the Family**

Prerequisite: SOC 11B or CSOC 103 or CSOC 104 or CSOC 105 or SOC 111 or Direct Entry

This course explores the nature of violence, its manifestations in family life, its root causes, its consequences, and the social reaction to this violence. The family is viewed as a major social institution that is affected by the changes that occur within society. The primary goal is to facilitate students' understanding of violence and its relationship to family life within the socio-cultural context.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

☆ **CSOC506 Health and Society**

The health care system in Canada is in crisis. Using relevant contemporary sociological theory, this course examines the historical evolution of modern medicine and the medical model, and their implications for society, health, and health care today. Topics include: the distribution of health and illness within Canadian society, environmental and occupational health, aging and health, gender issues in health care, and medical technology and ethics.

39.0 Hours

Fees: \$570.61

☆ **CSOC507 Race and Ethnicity in Canadian Society**

Antirequisites: SOC 300, POG 313; Not available to Journalism program students

This course provides an introduction to the concepts, theories and research methods most relevant to the study of racism and ethnicity in everyday life. The development of multicultural societies and the historical context of racial and ethnic groups in Canada are examined. The role and impact of governmental and non-governmental policies (on immigration, employment and employment equity for example), will be discussed in the context of a variety of social institutions such as schools and the judicial system. SOC 507 is not available for credit to students who choose SOC 300 or POG 313.

39.0 Hours

Fees: \$570.61

☆ **CSOC603 Sociology of Gender**

Antirequisite: SYC 200

This course examines the historical and cross-cultural expressions of gender inequality, and its consequences for both men and women. Emphasis is also placed on issues related to gender inequality in contemporary Canada, including gendered divisions in the workplace and the family, the role of governments in equity issues, and the process of socialization. The course concludes with an examination of prospects for the future.

39.0 Hours

Fees: \$570.61

☆ **CSOC605 Families: Difference and Diversity**

Prerequisite: SOC 11B or CSOC 103orCSOC 104orCSOC 105 or SOC 111 or Direct Entry; Antirequisites: SOC 21B, FNF 520

Family life is shaped by social, economic and legal forces. This course is designed to explore how family structures and family dynamics have changed over time. The course looks at topics such as colonization, immigration, cohabitation, heterosexual and same sex marriage, childrearing theories, violence, divorce and remarriage. The course also explores the importance of laws and state policies for family structures.

39.0 Hours

Fees: \$570.61

☆ **CSOC606 Work and Families in the 21st Century**

Prerequisites: SOC 11B or CSOC 103orCSOC 104orCSOC 105 or SOC 111 or Direct Entry; Antirequisites: SOC 21B, FNF 520

Family life is shaped by the relationship between the division of labour in the home and employment responsibilities in the workplace. This course is designed to explore how divisions of labour in the home and the workplace have changed over the years. The course looks at topics that include the gender and racial division of labour in the paid workforce and the home, motherhood, fatherhood, pregnancy work, as well as informal and marginal paid work such as sex work and migrant labour.

39.0 Hours

Fees: \$570.61

★ **CSOC608 Women, Power and Change**

Prerequisite: SOC 11A/B or CSOC 103 or CSOC 104 or CSOC 105 or SOC 111 or Direct Entry Antirequisites: SOC 28 A/B, SOC 942

This course examines the development of Canadian feminist movement, theories, issues, and practices and its impact on the lives of females and males in Canada. Globalization and issues of inequality and diversity among girls and women frame the exploration of the Canadian female condition in the paid and unpaid work realms, from the 1800s to the present.

This course will require you to be online for live lectures every week at the scheduled time. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

☆ CSOC633 Sex, Gender Identities, and Sexualities

Antirequisite: CINT 906

This course examines the social and personal significance of sexuality in our lives and the relationship between the two. It discusses sexuality as it intersects with topics such as sexual orientation, race, disability, gender identity, sex work, the military, fashion and music. In a world where same sex relations, trans identities and non-heteronormative identities are becoming more common, how is it they are still highly problematic for many individuals, families, cultures and religions?

39.0 Hours

Fees: \$570.61

★ CSOC705 Law, Justice, and Abolition

This course explores theoretical and practical approaches to examining the function of law in society, the degree to which justice is served in society, and how abolitionist theory and practice can be used as an active process for abolishing judicial and carceral systems of systemic oppression. Students examine how the law has functioned as a tool of colonial oppression against Indigenous and Black peoples by analyzing the structural materiality of the Prison Industrial Complex.

39.0 Hours

Fees: \$570.61

★ CSOC808 Sociology of Food and Eating

This course provides insights on social, historical and economic processes that shape what and how we eat. We will review how the food system is organized and how it affects people's food choices. We will discuss the relations between broader social and economic structures, such as class and gender relations, access to food, and everyday eating practices. We will also study causes of problems in the food systems, such as hunger, obesity and the farm crisis.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

☆ CSOC880 Information Technology and Society

Not available to Business Technology Management students.

Information technology is now one of the major influences in modern life. Given the unprecedented rates of change, how do we formulate reasonable expectations? How do we make choices when we don't know what the future of technology holds? To answer questions such as these, we need to learn more about the interaction between technology and society. This course looks at the use and impact of information technology in areas such as engineering, medicine, manufacturing, education and law. It looks at issues such as privacy, personal dignity, and the kind of life we want to lead. The course provides a historical framework and ideas which may be applied to other areas of technological change.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

☆ CSOC885 Women and Islam

This course will explore the position of women and gender relations in contemporary Muslim societies and North American Muslim communities, introducing a comparative perspective to the issues of Muslim women in their homelands and diaspora. Our discussions will focus on comparing different controversial issues within Islam, such as Muslim women's identity, veiling, Muslim family life, Muslim women in the war zones, and Muslim women's activism in their homeland and in the United States and Canada.

This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$570.61

Spanish Studies

☆ CSPN802 Spanish for Business Strategies

Prerequisite: CSPN 515 or placement test required

(www.torontomu.ca/llc/).

This course is designed to give advanced students the specialized vocabulary and the necessary cultural and business knowledge to succeed in the Spanish-speaking world. It develops the required cross-cultural competence for students to communicate effectively in a Spanish-speaking business environment. Students will already know Spanish grammar and the vocabulary needed for everyday communication. Through the study of realistic situations, students acquire an in-depth knowledge of the Hispanic business community. All students must take a placement assessment before enrolling in this course.

39.0 Hours

Fees: \$517.40

★ CSPS502 Spanish Caribbean Literature and Culture

This course, taught in English, is intended to introduce students to the Spanish speaking Caribbean. Through the study of literature, painting, and cinema, students will have a broad overview of Hispanic Caribbean cultural traditions. Students will study three principal countries: Cuba, Puerto Rico and the Dominican Republic. Major authors to be studied may include Rosario Ferré, Miguel Piñero, Nicolas Guillen, Aida Cartagena Portalatin, Julia de Burgos, Gertrudis Gomez de Avellaneda and Lydia Cabrera.

39.0 Hours

Fees: \$570.61

Spanning the Gaps

CYSG180 Academic Success Foundations VI

This workshop provides students with the foundational skills required for success at university by engaging in ongoing reading, writing, self-reflection, and self-assessment in order to build learning tools that are best suited to each students' needs. Through discussion and hands-on activities, students will build a "personal theory of university" and a collective sense of what to expect academically, socially, and personally in undergraduate studies. This course requires department consent.

27.0 Hours

Fees: \$236.33

SUSTAINABILITY, PLANNING, AND THE ENVIRONMENT

Facility and Property Management

★ CDFM102 Facility Management Fundamentals

In this introductory course, students will learn about the development of facility management as a profession and the challenges and opportunities arising from the multifaceted role the facility manager must play in an organization. Students will learn about the core competencies and explore functions such as building operations and maintenance, space management and office layout, project management, leasing, security, IT, contracting, and interfaces with other departments. This course prepares the student for more in-depth topics in other courses. (Equivalent to IDE 311.)

39.0 Hours

Fees: \$701.79

🔗 CDFM103 Project Planning, Design, and Management

The role of the facility manager includes planning, design, and management of space and building projects. This course outlines the function of the facility manager as the initiator of projects and then the orchestrator of other related professionals, including the architect, engineer, and design consultant. Students will learn about project feasibility studies, budgeting, various stages of project planning, design, and execution. Issues include regulator and legal issues, corporate culture, contracting, performance, and accountability.

39.0 Hours

Fees: \$867.90

🔗 CDFM104 Building Operations and Maintenance

Facility managers become involved in physical building issues whether their company owns their own building or they are a tenant. This course outlines the relevance of understanding building systems and the elements needed to interface with other related professionals, including problem solving. Students will learn the building systems and impacts to their role and related topics such as architecture, design, building codes, occupational and environmental health, risk and security, service contract management, sustainability, commissioning, and facility planning.

39.0 Hours

Fees: \$867.90

🔗 CDFM105 Space Planning and Management

This course outlines the critical areas to provide an effective work environment for your organization. Students will learn current techniques applied to the planning and management of office space, concepts used in office accommodation space requirement survey and reporting, and the various planning principles for systems and conventional office planning. Space standardization programs and the importance of good planning and its relationship to modern communications techniques are reviewed in application to new and existing facilities.

39.0 Hours

Fees: \$867.90

🔗 CDFM106 Leadership, Strategy, Business

Facility management has developed into much more than a technical role. The facility manager's ability to function within their organization at the same level as other senior managers is crucial to successfully delivering leading facilities services and solutions for their organization. This course will cover the crucial skills of providing leadership,

developing strategy, applying business principles, and understanding and managing finances and budgets as it relates to the delivery of facility management services and the facility manager's role.

39.0 Hours

Fees: \$867.90

🔗 CDFM107 Recruiting and Managing Employees and Procuring Contractors

The delivery of facility services relies on both employees and service contractors to meet the needs of an organization. The ability to hire, procure, and effectively manage resources influences the level of service delivery and achievement of objectives. This course covers both employees and subcontracted resources; the ideal framework elements for procurement of services and managing service contractors; and methods for establishing job descriptions, hiring and training employees, as well as evaluating and managing their performance.

39.0 Hours

Fees: \$867.90

🔗 CDFM110 Leasing and Lease Administration

Most facility managers are involved with leasing at some point, whether you are leasing from a landlord, leasing to tenants, manage roof top leases, or cafeteria leases. This course will provide students with the knowledge of lease documents, clauses, issues and considerations when conducting leasing activities, including how to work with brokers. In addition, the processes for lease administration from the lessee and lessor perspective will be covered.

19.5 Hours

Fees: \$419.43

🔗 CDFM111 Capital and Asset Management

The facilities assets, including buildings or furniture and tenant improvements, is a large investment by your company and needs to be managed to protect the value and preserve its function for your company. This course will outline the methods of tracking and managing assets as well as developing capital asset replacement and renewal plans using performance and condition information.

19.5 Hours

Fees: \$419.43

🔗 CDFM112 Risk, OHS, Regulations, and the Law

Managing facilities incurs many risks for the facility manager and the organization. This course outlines those risks as well as the facility manager's responsibilities for managing and mitigating those risks, like risks related to the physical infrastructure of the buildings, overall occupational health and safety for employees and occupants, as well as other regulatory responsibilities including a review of the law and precedence related to responsibilities and due-diligence.

19.5 Hours

Fees: \$419.43

🔗 CDFM113 Sustainability in Facilities

Sustainability in facility management is important due to the large environmental impacts and energy consumption of modern facilities. While sustainability should be integrated within other processes and decision making activities, this course provides the key areas of expertise and knowledge for this important topic by discussing technical solutions, supplies and consumables, and process, as well as how to justify and sell sustainability initiatives to your organization and your occupants.

19.5 Hours

Fees: \$419.43

🔗 CDFM114 Real Estate Planning and Development

Commercial real estate is the foundation of the facility manager's role, whether dealing with an acquisition, new construction, or leasing of premises. This course outlines the primary elements of each one, preparing the student to deal with all potential scenarios. Students will learn about site selection, market analysis, the changing real estate market, procurement of design/construction, real estate programming and requirement of analysis, lease negotiation techniques, asset monitoring and control, and real estate and the law.

19.5 Hours

Fees: \$419.43

Planning

★ CPLE795 Local Economic Development Fundamentals

This course introduces learners to the basics of local economic development. The course provides a historical overview of the profession and roles EDP's play in the local economy. The course focuses on the spectrum of LED activities for EDP's: strategic planning, LED marketing, economic impact analysis and KPIs, foreign direct investment and strategic alliances, business retention and expansion, investment readiness, tourism development and urban renewal, governance, ethics and public relations, among other topics.

39.0 Hours

Fees: \$617.57

☆ CPLE845 Selected Topics in Planning

This one semester course will address current topic relevant to the practice and profession of planning. Starting from a base of critical thought, this course examines the theory and popular debate about why our climate is changing, then expands to explore how the change is manifested on a global and local scale. Building on the observed change, this course also discusses forecasted environmental effects and explores how, as a society, we can best adapt to and mitigate the change.

Registered certificate program students without the course prerequisites who wish to take this course may contact ce@torontomu.ca for more information.

39.0 Hours

Fees: \$587.31

☆ CPLE895 Conflict Resolution and Dispute Negotiation

Prerequisite: PLG 420 or in UP002 or UP003; Antirequisite: CINT 905

Conventional ways of handling public disputes no longer seem to be working. Planners who are involved in building new facilities, dealing with community opposition, developing environmental standards, or allocating limited resources to meet emerging social standards, face stiff opposition no matter where they turn. The result is costly, time-consuming, and erodes public confidence in our basic institutions. This course will use case studies, projects, and participatory techniques to show how public dispute management can lead to consensus building strategies that not only save time and money, but produce broadly acceptable agreements.

39.0 Hours

Fees: \$583.14

★ CPLE995 Ecn Development and Business Improvement

Prerequisite: CPLE 795

This course builds on the foundation laid in PLE 795 by adding specialized topics and techniques that are deployed by economic development professionals, including entrepreneurship ecosystems, municipal planners and EDP's relationship, business improvement areas and their role in LED and sustainable business succession strategies for communities among other topics. This course is fully online and asynchronous, meaning you typically will not have to be online at specific times. You will engage in course-related activities through online tools such as announcements, discussions, and email. Your course learning will be based on weekly module content and activities that you can go through independently.

Note: there are still deadlines for assignment submissions, and you may be expected to participate in discussion board interactions with your peers on a regular basis.

Your instructor may also include occasional scheduled sessions for Q & As and other discussion activities, using web conferencing tools such as Zoom and Google Meet. More details will be included in your course outline available on the first day of class.

39.0 Hours

Fees: \$617.57

❖ CVUP100 Foundations of Planning

Department Consent Required

This course will address the following areas: planning concepts; planning techniques; planning theory; policy in the planning realm; and the institutional context of planning. While the course will address the basis of physical design and related planning concepts and techniques, it will also focus on contextual factors impacting on planning practice and the theoretical underpinnings of planning.

75.0 Hours

Fees: \$1298.45

⊕ CVUP155 LED Applied Research Project

Prerequisite: (PLE 745 or CPLE 795) and (CPLE 845 or CPLE 995)

This course is an applied research paper focused on core LED topics learned in CPLE 745/PLE 745. A key outcome of a municipal LED case study will be an analysis of how community members can be engaged and mobilized on an issue or initiative for community benefit and how community leadership can be activated and supported in that endeavour.

30.0 Hours

Fees: \$820.03

⊕ CVUP160 Capstone Project in LED

Prerequisite: (PLE 745 or CPLE 795) and (CPLE 845 or CPLE 995)

This course is a capstone project that builds on the topics learned in CPLE 745/PLE 745 and CPLE 845/PLE 845. Groups of students will be formed. Students will be provided an LED project that reflects a specific challenge in a community. Examples of possible projects include the development of a presentation based on analysis of a set of real life scenarios or the analysis of a community issue.

30.0 Hours

Fees: \$820.03

Sustainability Management

⊕ CKSS101 Fundamentals in Sustainability II

Through guest expert lectures, this course will identify and analyze key sustainability challenges that society faces today and might anticipate in the future. The course will explore how decisions made by society and its constituent parts have led to unsustainable activities. These decisions and some of their consequences will be explored in depth to provide students with an understanding of social, economic, and environmental interconnections. The course will also actively consider sustainability solutions to identified challenges.

39.0 Hours

Fees: \$1048.85

⊕ CKSS210 Lean Six Sigma Contin Improvement

Lean Six Sigma is an effective strategy for process improvement and problem solving used in an increasing array of business and technical environments. It can be implemented in isolated applications or as an enterprise-wide strategy for managing quality with strict adherence to sustainable business enterprise practices. Sustainable quality leadership is attained when Lean Six Sigma is combined with a Continuous Improvement approach to quality. Applied case studies will be analyzed, including case studies in sustainable product and services R&D, commercialization, and delivery and performance improvement.

39.0 Hours

Fees: \$1048.85

⊕ CKSS211 Lean Six Sigma Sust Bus Enterprise

This course introduces the Lean Six Sigma principles that underlay modern continuous improvement approaches and sustainability excellence imperatives for private enterprise, industry, government, and other organizations. Lean Six Sigma principles are applied through case studies to organizations and sectors to demonstrate how to improve quality, productivity, sustainability adherence, customer satisfaction, employee engagement, time-to-market and financial performance. Lean Six Sigma in sustainable business enterprise precepts, methods, and techniques learned focus transformation efforts on efficiency and sustainable growth.

39.0 Hours

Fees: \$1048.85