

2021-2022 COURSE ARCHIVE



**Toronto
Metropolitan
University**

**The Chang School
of Continuing
Education**

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BUSINESS

Accounting

Degree Credit
Certificate and Degree Credit
Certificate Credit

★ CACC100 Introductory Financial Accounting

Antirequisite: CACC 110

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.

Note: 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: \$809.31

★ 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.

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: \$809.31

☆ 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: \$647.59

★ CACC406 Introductory Management Accounting

Prerequisite: CACC 100 or CACC 110 or AFA 100 or Business Management Special student; Antirequisite: CACC 410

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 date by management accountants to facilitate planning and decision-making. Cost behaviour and its implications for planning, reporting to management and control is stressed.

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: \$647.59

★ CACC410 Management Accounting

Prerequisite: CACC 110

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.

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: \$647.59

★ 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.

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: \$581.85

★ 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.

39.0 Hours Fees: \$581.85

★ 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. 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: \$581.85

★ 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.

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: \$581.85

★ CACC522 Taxation for Managers and Financial Planners

Prerequisite: CACC 110

Since taxation has an important effect on business decision-making in this course students will study the fundamental principles of the Canadian income tax laws and examine their effect on business decisions and financial planning. The tax treatment of various sources of income, as well as the legislation affecting small businesses will be included in the course. The student will develop decision making skills through numerous situational examples and case analysis.

39.0 Hours Fees: \$581.85

★ 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 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: \$581.85

★ **CACC742 Canadian Business Taxation I**

Prerequisites: CACC 514

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.)

If you are a full-time degree student, please contact the Accounting department at 416.979.5000, ext. 6735 or nicole.hillmer@ryerson.ca for more information.

39.0 Hours Fees: \$581.85

★ **CACC801 Intermediate Cost and Management Accounting**

Prerequisite: CACC 414

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.

39.0 Hours Fees: \$581.85

★ **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.)

Note: If you are a full-time degree student, please contact the Accounting department at 416.979.5000, ext. 6735 or nicole.hillmer@ryerson.ca for more information.

39.0 Hours Fees: \$581.85

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: 615.43

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.

Section DA0: 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.

Section BA0: This course will require you to be online for live lectures at the scheduled time. More details will be included in your course outline available on the first day of class.

Sections FA0/FB0: These sections of the course include required on-campus (classroom) components. Please review the scheduling details carefully.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$588.72

CECN109 Basic Mathematics for Economics

Antirequisites: CMTH 207, CQMS 110, CMTH 125, CMTH 131

This preparatory course provides a strong foundation on basic algebra and pre-calculus mathematical techniques that are essential for a proper understanding of the mathematics used in economic analysis. The course covers: basic concepts such as sets and numbers, relations, and operations with algebraic expressions; resolution of linear and non-linear equations; inequalities and absolute values; sequences and sums; functions and graphs. The course uses a wide range of economic applications to illustrate and motivate the covered mathematical techniques.

52.0 Hours Fees: \$588.72

★ **CECN129 Statistics for Economics I**

Prerequisite: CECN 189or MTH 189 or ECN 89A/B or QMS 130 or CQMS 702;

Antirequisites: CMTH 304, CQMS 202, QMS 230

This course is an introduction to basic statistics with economic applications. It is followed by a course on Statistics for Economics II, ECN 329. Statistics is a science of getting information from data. It consists of a set of analytical techniques that can be applied to data to help us make judgments and decisions in problems involving uncertainty. This course deals with the description, analysis and interpretation of data. It covers topics in descriptive statistics, basic probability theory, discrete and continuous distributions, and sampling distributions.

52.0 Hours Fees: \$588.72

★ **CECN189 Mathematics for Economics I**

Prerequisite: CECN 109;

Antirequisites: CMTH 207, QMS 130, CQMS 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: \$775.48

★ **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: \$588.72

★ **CECN230 Mathematics for Economics II**

Prerequisite: CECN 189 or MTH 189 or ECN 89A/B or QMS 130 or CQMS 702;

Antirequisite: 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: \$588.72

★ **CECN301 Intermediate Macroeconomics I**

Prerequisites: (ECN 101 or CECN 104) and (ECN 201 or CECN 204) and (ECN 109 or QMS 130 or CQMS 702 or CMTH 207or CMTH 310) or Direct Entry

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.

52.0 Hours Fees: \$569.94

★ **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.

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39.0 Hours Fees: \$569.94

☆ **CECN329 Statistics for Economics II**

Prerequisite: (CECN 129 or CQMS 202 or CQMS 210 or QMS 230 or CMTH 304) and CECN 230

Antirequisites: CMTH 404, CQMS 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: \$569.94

★ **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: \$569.94

★ **CECN501 Industrial Organization**

Prerequisite: CECN 504

This course systematically relaxes the assumptions of the perfectly competitive model. The course studies strategic interaction among firms, and between firms and consumers, under alternative assumptions. Neoclassical economic theory is combined with game theory to provide the tools with which to better understand markets in the real world. The course addresses issues such as business strategy, collusive behaviour, natural and artificial barriers to entry, quality uncertainty and advertising.

39.0 Hours Fees: \$569.94

☆ **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: \$569.94

★ **CECN504 Intermediate Microeconomics I**
Prerequisites: (ECN 101 or CECN 104) and (ECN 201 or CECN 204) and (CECN 189 or GMS 130 or CGMS 702 or CMTH 207 or CMTH 310) or Direct Entry

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.

52.0 Hours Fees: \$569.94

★ **CECN506 Money and Banking**

Prerequisites: ECN 201 or CECN 204 or Direct Entry;
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.

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39.0 Hours Fees: \$569.94

★ **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: \$569.94

★ **CECN512 The Economics of Sex**

Prerequisites: ECN 101 or CECN 104 or CECN 110 or CECN 210 or Direct Entry

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: \$569.94

★ **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.

52.0 Hours Fees: \$569.94

★ **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: \$569.94

★ **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: \$569.94

★ **CECN627 Econometrics I**

Prerequisites: (CECN 230 or CMTH 310) and (CECN 329 or CGMS 442 or CMTH 404)

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.

52.0 Hours Fees: \$569.94

★ **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.

52.0 Hours Fees: \$569.94

★ **CECN702 Econometrics II**

Prerequisite: CECN 627

This course is a continuation of ECN 627 and covers some advanced econometric methods. Topics covered may include econometric methods designed for instrumental variables estimation, panel data sets, estimation of discrete choice models and time series analysis.

52.0 Hours Fees: \$569.94

★ **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: \$569.94

★ **CECN722 Economic Issues in Professional Sport**

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: \$569.94

☆ **CECN801 Principles of Engineering Economics**

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: \$569.94

★ **CECN815 Advanced Macroeconomics**

Prerequisites: (CECN 230 or CMTH 310) and CECN 504 and CECN 600

This course has two objectives. First, it provides a rigorous introduction to a standard set of topics in modern macroeconomic theory, such as economic growth, business cycle theory, consumption theory, monetary policy and fiscal policy. Second, the course develops the analytical tools required to study the above topics within a dynamic optimization framework. This is an advanced course aimed for students with a solid background in macroeconomic and microeconomic theory, linear algebra and calculus. It is particularly recommended for students interested in pursuing a graduate degree in economics.

39.0 Hours Fees: \$569.94

Energy Management

🔗 CKEI140 Current Topics in Energy Management and Innovation

This capstone course will allow participants to synthesize and apply what they have learned to complex energy management issues and energy solution implementations. Participants will analyze selected case scenarios and possible solutions using the energy management frameworks and models mastered in earlier courses to provide substantiation, precedents, and supporting evidence for proposed recommendations. As this is the capstone course in the Energy Management and Innovation certificate, participants will be required to undertake a final project paper to integrate and apply energy sustainability’s social, economic, and/or environmental components to one or more issues, solutions, or innovations. The final paper allows participants to demonstrate a broad mastery of learning across the curriculum and to hone their ability to propose specific strategies and solutions that incorporate best sustainability practices and meet regulatory requirements. The paper may be used by participants for career portfolio purposes.This is an online home study 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: \$1018.48

★ CTEC241 Energy Innovation

This course focuses on the drivers for innovation in Ontario’s energy sector, the opportunities for new business, and the challenges of moving from the idea stage to the marketplace. Barriers to innovation and commercialization - technological, financial, and regulatory - will be explored through case studies, including lessons learned from guest lectures by business leaders in the Ontario energy sector.

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39.0 Hours Fees: \$774.80

★ CTEC264 Trends in Smart Grid

This course will examine the challenges of modernizing and digitizing the electrical grid in Ontario. It will explore the engineering and technological challenges of the smart grid; the issues of privacy and security; third party access to smart grid data; technologies which allow customers to manage their consumption of electricity; and the innovation and economic opportunities of the smart grid.

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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: \$774.80

★ CTEC269 Trends in Energy Conservation

This course is designed to allow students to explore the technical and policy dimensions of energy conservation, energy efficiency, and demand response, with particular focus on potential contributions to sustainability of urban energy systems in a Canadian and, more particularly, an Ontario-based context. A key element of this course will be guest speakers from the energy industry, many of whom are potential employers.

39.0 Hours Fees: \$774.80

★ CTEC282 Public Policy in Energy

This course introduces students to the wide range of factors that influence the implementation of energy policy in Canada. The course will review the social, political, geographic, and other pressures that make the energy debate so highly charged in our very regionalized country. Students will appreciate how many non-technical issues impinge upon energy policy and why certain policy outcomes seem to be decided by these social and political considerations.

39.0 Hours Fees: \$774.80

Entrepreneurship and Strategy

☆ CBUS800 Strategic Management

Prerequisite: AFF310 or CFIN401 or Business Management Special student;

Antirequisite: CRMG 500

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@ryerson.ca for consent to enrol in this course. Include your student number and full name in the email.*

39.0 Hours Fees: \$870.60

★ CENT500 New Venture Startup

Antirequisites: ENT 726 and RTA 913 (formerly BDC 913)

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 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: \$581.85

☆ CENT501 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.

39.0 581.85

★ CENT505 Small-Business Management

Prerequisite: BSM 200;

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@ryerson.ca.

39.0 581.85

★ CENT526 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.

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39.0 Hours Fees: \$581.85

★ **CENT601 Identifying Opportunities**

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.

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39.0 581.85

CZEN420 The Business of Cannabis

This introductory course is intended to familiarize students with the cannabis industry in Canada and, more specifically, Ontario. This course will introduce students to relevant entrepreneurship principles such as opportunity recognition and evaluation, while focusing on issues specific to starting and operating a cannabis business, including cannabis legislation at the provincial and federal levels, financing for cannabis businesses, and regulations pertaining to the cultivation, processing, distribution, marketing, and selling of cannabis in Canada. It is strongly recommended that students have an understanding of basic business concepts.

39.0 874.59

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 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: \$581.85

★ **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 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: \$581.85

★ **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 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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39.0 581.85

★ **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.

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39.0 Hours Fees: \$581.85

★ **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.

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39.0 Hours Fees: \$581.85

★ **CFIN601 Derivatives**

*Prerequisite: CFIN 501;
Antirequisite: AFF 410*

This course is entirely dedicated to studying derivative securities-forward and futures contracts and how they modify the risk characteristics of a portfolio, how the exchange, clearing house and marketing to market systems work, arbitrage pricing, relationships, interest rate and currency swaps and the use of various types of options contracts and their use for hedging risk.

39.0 Hours Fees: \$581.85

★ **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.

Online Section(s) 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.

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39.0 Hours Fees: \$581.85

★ **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: \$581.85

★ **CFIN812 Advanced Personal Financial Planning**

Prerequisites: (CACC 522 or AFA 517), (CFIN 501 or AFF 501), (CFIN 512 or AFF 512) and (CFIN 612 or AFF 612)

This Capstone Course is designed to help students integrate concepts, knowledge and skills acquired in earlier courses. Students will demonstrate a range of professional competencies and communication skills through case studies and oral and written reports. Working in groups, students will develop critical thinking and problem-solving skills and demonstrate their mastery of the material by developing a complete financial plan. Lectures will focus on the practical application and integration of all personal finance topics.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$581.85

Global Management

★ **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.

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39.0 Hours Fees: \$637.16

★ **CGMS400 The Global Business Environment**

Prerequisites: CGMS 200 or MGT 200 or MGT 121 or Direct Entry

This course offers an introduction to the global business environment. Students will explore the trend towards increased globalization of the world's economies and the implications for business, consumers and society in general. The course will also introduce students to a number of strategic decisions firms must make in order to compete effectively in the current global business environment. Factors to be considered in areas such as foreign market entry and the management of global operations will be explored. Students will also have the opportunity to develop an understanding of how business is conducted in key geographic regions such as Asia, Latin America, Africa and the Middle East. The major cultural, political and economic factors that shape the approach to business in these regions will be examined. The course will utilize a combination of lectures, case studies, guest speakers and classroom discussion to reinforce key concepts.

39.0 Hours Fees: \$581.85

★ **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)

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39.0 Hours Fees: \$581.85

★ **CGMS402 Introduction to Managerial Economics**

Prerequisites: [(CGMS 200 or MGT 200 or MGT 121) and (CGMS 202 or QMS 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: \$581.85

★ **CGMS422 Quality Management**

Prerequisites: (CGMS 202 or QMS 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).

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$581.85

★ **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.

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39.0 Hours Fees: \$581.85

★ **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: \$637.16

★ **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: \$637.16

★ **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.

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39.0 Hours Fees: \$637.16

★ **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: \$581.85

★ **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: \$581.85

Hospitality & Tourism

★ **CHTI746 Digital Marketing for Hosp/Tourism**

Prerequisite: CITM 102 or Direct Entry

What do companies need to do to rank their website in the top few results of a web search? Hotels and destinations promote themselves by developing dynamic websites and diverse digital strategies. They need to populate their content with keywords and images and lead people to them through different social media channels. By critically examining different apps and websites for destinations and hotels, students will learn how digital strategies can increase the effectiveness of digital distribution channels. Students will learn practical skills - in their final assignment, they will build a website with a popular web-building tool and promote it via digital channels, incorporating what they have learned.

39.0 Hours Fees: \$586.64

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 will require you to be online for live lectures every week at the scheduled time. You will also 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: \$629.61

★ **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: \$581.85

★ **CMHR523 Human Resources Management**

Antirequisite: CRI 700

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 will require you to be online for live lectures every week at the scheduled time. You will also 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: \$581.85

★ **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: \$581.85

★ **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 Fes: \$581.85

★ **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: \$650.72

★ **CMHR650 Management of Change**

Prerequisite: CMHR 405 or HTH 601

This course will build on an understanding or 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: \$581.85

★ **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: \$581.85

★ **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 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: \$581.85

★ **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: \$650.72

★ **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: \$581.85

★ **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: \$650.72

★ **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: \$581.85

★ **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: \$650.72

★ **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.

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: \$581.85

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.

The deadline to enroll in CIND110 for Spring term is May 2, 2022.

The deadline to enroll in CIND110 for Summer term is June 21, 2022.

Students will also not be allowed to swap between sections of the Data Analytics courses after the above date.

You must download the X2Go Client in order to access the software needed to complete the requirements for this course. Prior to your first class, you are strongly advised to test the computer you plan to use, 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 should use their own virtual private network (VPN) software to connect to University resources.

42.0 Hours Fees: \$1027.86

★ CIND110 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.

The deadline to enroll in CIND119 for Spring term is May 2, 2022.

The deadline to enroll in CIND119 for Summer term is June 21, 2022.

Students will also not be allowed to swap between sections of the Data Analytics courses after the above date.

You must download the Microsoft Remote Desktop in order to access the software needed to complete the requirements for this course. Prior to your first class, you are strongly advised to test the computer you plan to use, 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 should use their own virtual private network (VPN) software to connect to University resources.

42.0 Hours Fees: \$1027.86

★ 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.

The deadline to enroll in CIND123 for Spring term is May 2, 2022.

The deadline to enroll in CIND123 for Summer term is June 21, 2022.

Students will also not be allowed to swap between sections of the Data Analytics courses after the above dates.

You must download the Microsoft Remote Desktop in order to access the software needed to complete the requirements for this course. Prior to your first class, you are strongly advised to test the computer you plan to use, 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 should use their own virtual private network (VPN) software to connect to University resources.

42.0 Hours Fees: \$1027.86

★ CIND719 Big Data Analytics Tools

Department Consent Required.Please submit theRequest Department Consentform, orcontact Ceni Babaoglu, Assistant Program Director, Data Science at cenibabaoglu@ryerson.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 such as Hadoop and advanced SQL techniques. Students will gain a clear understanding of Hadoop concepts and technologies landscape and market trends. They will construct SQL queries of moderate to high complexity to retrieve data from a relational database.

Note: Tools taught Hive, Pig, Oozie, LAMBDA, Gigraph and GraphLab.

The deadline to enroll in CIND 719 for Summer term is June 21, 2022.

Students will also not be allowed to swap between sections of the Data Analytics courses after the above date.

You must download the X2Go Client in order to access the software needed to complete the requirements for this course. Prior to your first class, you are strongly advised to test the computer you plan to use, 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 should use their own virtual private network (VPN) software to connect to University resources.

42.0 Hours Fees: \$1027.86

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.

The deadline to enroll in CIND820 for Spring term is May 2, 2022.

Students will also not be allowed to swap between sections of the Data Analytics courses after the above date.

You must download the X2Go Client and Microsoft Remote Desktop in order to access the software needed to complete the requirements for this course. Prior to your first class, you are strongly advised to test the computer you plan to use, 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 should use their own virtual private network (VPN) software to connect to University resources.

42.0 Hours Fees: \$1027.86

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

The deadline to enroll in CIND830 for Spring term is May 2, 2022.

The deadline to enroll in CIND830 for Summer term is June 21, 2022.

Students will also not be allowed to swap between sections of the Data Analytics courses after the above dates.

You must download the Microsoft Remote Desktop in order to access the software needed to complete the requirements for this course. Prior to your first class, you are strongly advised to test the computer you plan to use, 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 should use their own virtual private network (VPN) software to connect to University resources.

42.0 Hours Fees: \$1027.86

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@ryerson.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.

The deadline to enroll in CIND840 for Winter term is January 14, 2022.

Students will also not be allowed to swap between sections of the Data Analytics courses after January 14, 2022.

You must download the Microsoft Remote Desktop in order to access the software needed to complete the requirements for this course. Prior to your first class, you are strongly advised to test the computer you plan to use, 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 should use their own virtual private network (VPN) software to connect to University resources.

42.0 Hours Fees: \$1027.86

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.

You must download the Microsoft Remote Desktop in order to access the software needed to complete the requirements for this course. Prior to your first class, you are strongly advised to test the computer you plan to use, 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 should use their own virtual private network (VPN) software to connect to University resources.

42.0 Hours Fees: \$1027.86

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.

The deadline to enroll in CIND860 for Winter term is January 14, 2022.

Students will also not be allowed to swap between sections of the Data Analytics courses after January 14, 2022.

You must download the X2Go Client and Microsoft Remote Desktop in order to access the software needed to complete the requirements for this course. Prior to your first class, you are strongly advised to test the computer you plan to use, 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 should use their own virtual private network (VPN) software to connect to University resources.

42.0 Hours

Fees: \$1027.86

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.

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: \$581.85

★ 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: \$581.85

★ 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@ryerson.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: \$581.85

★ CLAW402 Health Information Access and Privacy

Prerequisites: CLAW 122

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. 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@ryerson.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: \$581.85

★ 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: \$581.85

★ 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@ryerson.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: \$581.85

☆ 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: \$581.85

★ **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. Sections that have a weekly time indicated are synchronous and 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.

Sections that have no weekly time specified are 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: \$581.85

★ **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: \$581.85

★ **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@ryerson.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: \$581.85

🔗 **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: \$977.89

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: \$689.15

🔗 **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: \$708.96

🔗 **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@ryerson.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: \$708.96

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: \$1007.16

Marketing

★ CMKT100 Principles of Marketing

Antirequisite: CINP 912

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 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: \$718.76

★ 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 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: \$581.85

★ 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 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: \$581.85

★ CMKT500 Marketing Research

Prerequisite: CMKT 300

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 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: \$581.85

★ CMKT504 Effective Persuasion

Prerequisite: CMKT 100or HTM 302 or Direct Entry

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.

39.0 Hours Fees: \$581.85

★ 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 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: \$581.85

★ 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).

39.0 Hours Fees: \$581.85

★ 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: \$581.85

★ 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 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: \$581.85

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: \$999.80

☆ 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: \$1079.09

★ CMTH125 Mathematics for Professional Programs

Basic Algebra, finite series, coordinate geometry, trigonometric functions, radicals and exponents, exponential and logarithmic functions, and a basic introduction to statistics.

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.

52.0 Hours Fees: \$1079.09

★ CMTH131 Modern Mathematics I

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

52.0 Hours Fees: \$1079.09

★ 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: \$1153.99

★ CMTH231 Modern Mathematics II

Prerequisite: CMTH 131

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: \$1079.09

★ CMTH310 Calculus and Computational Methods II

Prerequisite: CMTH 207

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: \$1153.99

★ CMTH380 Probability and Statistics I

Probability and Statistics I: Descriptive statistics. Probability (Laws of probability. Conditional probability. Discrete probability distributions (binomial, hypergeometric, Poisson). Continuous probability distributions, Normal, t-exponential, x². 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: \$875.65

☆ 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: \$621.58

★ 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: \$600.19

★ CMTH501 Numerical Analysis I

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

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: \$875.65

★ 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: \$875.65

★ 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.

The deadline to enroll in CMTH642 for Spring term is May 2, 2022.

The deadline to enroll in CMTH642 for Summer term is June 21, 2022.

Students will also not be allowed to swap between sections of the Data Analytics courses after the above dates.

You must download the Microsoft Remote Desktop in order to access the software needed to complete the requirements for this course. Prior to your first class, you are strongly advised to test the computer you plan to use, 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 should use their own virtual private network (VPN) software to connect to University resources.

39.0 Hours Fees: \$1027.86

★ 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@ryerson.ca to obtain permission to enrol.

52.0 Hours Fees: \$875.65

★ 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@ryerson.ca to obtain permission to enroll.

52.0 Hours Fees: \$875.65

Project Management

🌀 CKPM123 Strategic Project Mgt (Tech Prof)

Prerequisite: CKPM 202

This highly practical, interactive course will equip technical professionals with team-building expertise and communications in service to delivery on strategic projects. This course also equips technical professionals to perform project manager roles with within an engineering sector organization including managing scope, quality, time, cost, risk, and communications. Through situational analysis and scenario analysis, participants will gain key non-technical competencies needed to build and lead effective project teams. (39 PDUs) For further information about Professional Development Units (PDUs), see Project Management Institute.

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.

35.0 Hours Fees: \$835.63

🌀 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 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: \$835.63

🌀 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.*

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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: \$835.63

🌀 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®; Guideto prepare individuals for passing, in 2022 and onward, the PMI’s PMP®; and CAPM®; exams.*

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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: \$835.63

🌀 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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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: \$835.63

🌀 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: \$835.63

Certificate Credit

🌀 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: \$835.63

🌀 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@ryerson.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: \$835.63

🌀 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 \$835.63

🔗 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.

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35.0 Hours Fees: \$835.63

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)

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.

**This course includes optional 1-hour Zoom drop-in sessions at 6pm: Section DA0: Mondays | Section DB0: Thursdays | DC0: Wednesdays*

39.0 Hours Fees: \$774.80

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 Ryerson 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: \$739.41

☆ 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$739.41

★ 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: \$739.41

☆ 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$739.41

★ 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@ryerson.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: \$581.85

☆ 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: \$581.85

★ **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@ryerson.ca for more information

39.0 Hours Fees: \$581.85

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: \$742.53

★ **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@ryerson.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: \$581.85

★ **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: \$699.76

★ **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: \$650.72

★ **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@ryerson.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: \$581.85

★ **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: \$650.72

★ **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@ryerson.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: \$581.85

★ **CRMG806 Retailer Perspectives on Category Management**

Prerequisites: CRMG 400

Category Management is a collaborative process between retailers and manufacturers to maximize sales and profitability, deliver customer value and meet consumer and shopper needs through the strategic management of product categories. The course is designed to provide students with a solid foundation of Category Management knowledge and industry best practices for the coming decade via classroom learning and online modules. Students have the opportunity to build and develop data analysis, critical thinking and decision making skills across three key areas: pricing, promotion and assortment. The course is accredited by the Category Management Association, and prepares students to write the Certified Professional Category Analyst (CPCA) exam, and if successful earn this industry certification.

39.0 Hours Fees: \$581.85

★ **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: \$581.85

★ **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: \$581.85

★ **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@ryerson.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.

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: \$639.38

☆ **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: \$639.38

☆ **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: \$639.38

☆ **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: \$639.38

Arabic

☆ **CARB101 Introductory Arabic I**

Department Consent Required;

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

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 Ryerson 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: \$634.98

☆ **CARB201 Introductory Arabic II**

Prerequisite: CARB 101 or placement test required

(www.torontomu.ca/ilc)

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 interview/placement assessment before enrolling in this course

39.0 Hours Fees: \$634.98

☆ **CARB401 Intermediate Arabic II**

Prerequisite: CARB 301 or placement test required

(www.torontomu.ca/ilc)

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 and will also be able to talk about a variety of subjects related to culture, civilization, geography, history and literature.

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

39.0 Hours Fees: \$634.98

Chinese

☆ CCHN101 Introductory Chinese I

Prerequisite: Placement test required (www.torontomu.ca/llc);
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 Ryerson 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: \$635.67

☆ CCHN201 Introductory Chinese II

Prerequisites: CCHN 101 or placement test (www.torontomu.ca/llc);
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 Ryerson 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: \$635.67

☆ CCHN401 Intermediate Chinese II

Prerequisite: CHN 301 or placement test required
(www.torontomu.ca/llc)

This course is for students with some background in Mandarin who wish to improve their communication abilities in all four language skills. By using the standard Hànyu Pinyin phonetic system and a variety of authentic materials, 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 over 1000 Chinese characters.

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

39.0 Hours Fees: \$635.67

☆ CCHN501 Advanced Chinese I

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

This course is designed for students with an intermediate knowledge of Chinese. It will focus on improving listening comprehension, reading, writing and speaking Mandarin Chinese. Using a variety of authentic materials, students learn to produce oral and written texts based upon culturally appropriate situations. By the end of the course, students will be able to read brief short stories and write essays containing 1250 characters.

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

39.0 Hours Fees: \$635.67

☆ CCHN601 Advanced Chinese II

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

This course is designed for students with a high-intermediate knowledge of Chinese. It will focus on improving listening comprehension, reading, writing and speaking Mandarin Chinese. The conversations and written texts will be based upon culturally appropriate situations. By the end of the course, students are able to read a novella and write essays containing 1500 characters.

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

39.0 635.67

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 Ryerson University School of Professional Communication website.

39.0 Hours Fees: \$582.53

★ 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 Ryerson University School of Professional Communication website

39.0 Hours Fees: \$577.48

★ 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: \$586.64

★ 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: \$586.64

★ 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, Sandra Rosenberg, at rosenbe@ryerson.ca for consideration to enrol in this course without the required prerequisites.

39.0 Hours Fees: \$586.64

★ 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: \$586.64

★ 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: \$586.64

★ 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: \$586.64

★ 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 Ryerson University School of Professional Communication website.

39.0 Hours Fees: \$586.64

✧ 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: \$775.13

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 Ryerson Student Number should Create a Student Profile and obtain a student number before completing the assessment.

39.0 Hours Fees: \$514.64

★ 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: \$514.64

★ 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: \$514.64

★ CFRE401 Intermediate French II

Prerequisite: CFRE 301 or FRE 302 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: \$14.64

★ 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.

If a student has completed, or is currently taking, one of the following courses while enrolled in CFRE 402 - CFRE 301, CFRE 401, or CFRE 501 -, an interview/placement assessment is not required. Otherwise, the student must take an interview/placement assessment before enrolling in this course.

39.0 Hours Fees: \$514.64

★ 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: \$509.42

★ 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; \$502.13

★ 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 Fese: \$502.13

★ **CFRE510 Effective Writing**

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

This course is for students with sound knowledge of French who wish to review major grammatical structures, 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. Writing 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: \$502.13

★ **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: \$502.13

★ **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: \$502.13

★ **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: \$502.13

★ **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: \$502.13

★ **CFRE610 Cultural Context of Writing**

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

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: \$502.13

★ **CFRE701 French for Today**

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

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: \$502.13

★ **CFRE707 Introduction to French-English Translation**

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

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: \$516.73

★ **CFRE801 French and New Media**

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

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: \$514.64

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: \$635.67

☆ **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 & 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: \$635.67

☆ **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: \$635.67

Spanish

☆ CSPN101 Introductory Spanish I

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

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 Ryerson 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).

Section BAO: This section of the 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.

Section FAO: This section includes required on-campus (classroom) components. Please review the scheduling details carefully.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$524.04

★ CSPN201 Introductory Spanish II

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

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.

39.0 Hours Fees: \$514.64

★ CSPN301 Intermediate Spanish I

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

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.

39.0 Hours Fees: \$514.64

★ CSPN401 Intermediate Spanish II

Prerequisite: CSPN 301 or placement test required (www.torontomu.ca/llc)

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).

39.0 Hours Fees: \$514.64

★ 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: \$509.42

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: \$514.64

★ 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: \$502.13

★ 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).

39.0 Hours Fees: \$514.64

★ CSPN702 Communication in Business Spanish

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

This course is designed to give advanced students a solid foundation in business vocabulary and a concrete background in business and cultural concepts in order to succeed in the Spanish-speaking world. It seeks to develop cross-cultural competence for business purposes in order to apply this knowledge effectively in communicative situations. Students will have already mastered the fundamentals of Spanish grammar and the general vocabulary needed for basic everyday communication. Through the study of realistic situations and specialized vocabulary, students will acquire an in-depth knowledge of the Hispanic business community.

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

39.0 Hours Fees: \$516.73

★ CSPN707 Spanish-English Translation

Prerequisite: CSPN 601 or SPN 507 or placement test required (www.torontomu.ca/llc)

This course is designed to improve students’ appreciation of cultural differences through Spanish texts. Using translation to contrast linguistic and cultural differences, this course will focus on how Spanish and English reflect different worldviews and will foster a better understanding of cultural differences and similarities. Through the analysis of discourse found in a variety of media, students improve their understanding of cultural differences as expressed through language.

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

39.0 Hours Fees: \$516.73

Workplace Communication in Canada (WCC)

CDCE400 Exploring Leadership Skills

Department Consent Required

This course will provide professionals who were educated and or trained outside of Canada with a roadmap to the development of leadership capabilities by identifying individual strengths and needs for enhanced professional communication skills. This course aims to inspire participants through in-depth self assessment of leadership skills, analytical exploration of success stories, and active participation in applied case studies and live simulations related to leadership roles in the Canadian context.

Note: The scheduling below includes a mandatory weekly Internet component.

30.0 Hours Fees: \$539.41

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

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: \$635.67

COMMUNITY WELL-BEING AND SAFETY

Child and Youth Care

★ 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.

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: \$586.64

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 and 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: \$586.64

★ 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 csilverman@ryerson.ca to make alternate arrangements.

39.0 Hours Fees: \$586.64

Disaster Emergency Management

✧ CKDM160 Emerging Issues

Department Consent Required

This capstone course is intended as a synthesis of emergency and disaster management concepts and perspectives learned in the previous courses taken in the program and applied to a real-world area of interest. Students will create an original report based on a project they select. Working with a faculty supervisor, participants will define a project topic. Project topics can come from a wide variety of areas but must be executed with an Emergency Management perspective.

This is a project-based, independent study 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 and 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: \$975.87

★ 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: \$774.80

★ 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 and 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: \$774.80

★ 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 and 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: \$774.80

★ 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 and 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: \$774.80

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 and 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: \$582.47

☆ **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: \$582.47

☆ **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: \$582.47

☆ **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: \$582.47

☆ **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: \$582.47

☆ **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 and 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: \$582.47

☆ **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: \$582.47

☆ **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 and 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: \$582.47

☆ **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 Ryerson 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.ryerson.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.ryerson.ca/ecs/student-resources/undergraduate/field-education/distance-field-placement-part-time-program/.

78.0 Hours Fees: \$586.64

☆ **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 and 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: \$586.64

☆ **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. If required, email jnolan@ryerson.ca for approval.

39.0 Hours Fees: \$586.64

☆ **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: \$586.64

☆ **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.

39.0 Hours Fees: \$582.47

★ **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: \$586.64

☆ **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 and 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: \$616.90

★ **CCLD450 Indigenous Early Learning**

Students are introduced to Indigenous Peoples in Canada, beginning with the diversity, strengths and worldviews within these groups. Canada’s history and legacy of the colonization of Indigenous Peoples is examined. Students are asked to be reflexive, sharing their understandings of the materials to which they are exposed. Ways of supporting all children, within the contexts of their families and communities, to grow in a place of respect, unity, and understanding will be explored.

39.0 Hours Fees: \$616.90

☆ **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 and 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: \$586.64

☆ **CCLD464 Senior Internship**

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.ryerson.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.ryerson.ca/ecs/student-resources/undergraduate/field-education/distance-field-placement-part-time-program/.

78.0 Hours Fees: \$586.64

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 and 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: \$586.64

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: \$586.64

★ **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 and 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: \$586.64

★ **CVFS408 Practicum/Project**

Prerequisites: CVFS 401, CVFS 403, and VFS 404.

In this course students will develop a project in relation to Family Support Programs with the goal of integrating the knowledge gained in previous courses. The project will be selected by the students themselves, in consultation with the instructor. The student evaluation will be based on ongoing consultation between the instructor and the student. Wherever possible, students will be given an opportunity to select a project that relates to their own personal or professional interests. Equivalent to FNP 400.

Students are encouraged to contact the Academic Coordinator, Catherine Moher, at cmoher@ryerson.ca to plan their practicum enrolment.

39.0 Hours Fees: \$586.64

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@ryerson.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 and 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: \$582.47

★ 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 and 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: \$582.47

★ 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: \$582.47

★ 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 and 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: \$582.47

★ 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: \$582.47

★ 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: \$582.47

★ 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: \$582.47

★ 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 and 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: \$582.29

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: \$599.10

🌱 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: \$599.10

🌱 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: \$599.10

🌱 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: \$599.10

🌱 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: \$599.10

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: \$586.64

★ 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 and 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: \$586.64

★ 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 and 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: \$586.64

★ 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 and 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: \$582.47

★ 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 and 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: \$586.64

★ CINT905 Conflict Resolution in Community Services

Antirequisites: CINTP 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 and 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 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: \$586.64

★ 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.)

Note for Intensive 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: \$582.47

★ 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 and 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: \$582.47

★ 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 and 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: \$586.64

★ CINT910 Aboriginal Peoples, Pol. and Reconciliation

The course introduces perspectives on Aboriginal Peoples in Canada through an examination of policy. Central to this course is the study of

Aboriginal Peoples’ experience with colonialism, such as the residential school system and child welfare, as well as the struggle for self-determination. Aboriginal worldviews and developing partnerships/alliances with Aboriginal 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 and 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: \$586.64

★ 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 and 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: \$586.64

★ 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 and 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: \$586.64

★ 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: \$586.64

★ 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 and 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: \$586.64

★ 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 and 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: \$586.64

★ 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.

39.0 Hours Fees: \$586.64

★ 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 and 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: \$586.64

★ 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: \$586.64

★ CINT922 Intro to Aboriginal Worldviews

An introduction to Aboriginal worldviews in Canada with reference to Aboriginal worldviews globally. Students will be introduced to Aboriginal perspectives, values and spirituality. It includes an exploration of what constitutes “valid” knowledge, how knowledge shapes identity and how it influences the lives of Aboriginal peoples today. The role of worldviews as the basis of social justice and transformative change with the message that Aboriginal/ 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 and 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: \$586.35

★ CINT923 Canada’s Story: An Aboriginal Perspective

This course will explore the background of Aboriginal 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. Aboriginal 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 and 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: \$586.35

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 and 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: \$586.64

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 and 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: \$586.64

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 and 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: \$586.64

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 and 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: \$586.64

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 and 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: \$586.64

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: \$586.64

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: \$586.64

NEW!

★ CINT965 Sex, Drugs and Incarceration

Prerequisite: CINT908

Continuing Education students who do not have the prerequisite and who wish to take the course should contact Rose Reid, Program Coordinator atrosereid@ryerson.cafor more information. A requisite may be waived if the student has demonstrated work experience or previous coursework that meets the requisite requirements.

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: \$586.64

✧ CVIN150 Advancing the Patient Experience

This course explores strategies to enhance the patient experience in the health care setting. Students will focus on developing and implementing patient experience projects and patient experience measurement and reporting tools. Skills unique to patient relations practitioner will also be developed including the concern resolution process, conflict management/resolution strategies, customer service coaching, and quality improvement and how it relates to improving the patient experience and contributes to relationship building in a health care setting.

39.0 Hours Fees: \$674.88

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 and 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$603.32

NEW!

★ COHS314 Physical Agents

Prerequisite(s): ENH220 and CPCS106

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@ryerson.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 and 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: \$591.85

★ 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@ryerson.ca for more information.

39.0 Hours Fees: \$591.85

★ 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 and 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: \$591.85

★ 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 and 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$596.02

★ **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@ryerson.ca for more information.

39.0 Hours

Fees: \$582.47

★ **COHS523 Safety Evaluation Techniques**

Prerequisites: CMTH 125 and CPCS 106

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@ryerson.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 and 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: \$582.47

★ **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, ENVS, 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 and 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$603.32

★ **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 and 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: \$767.13

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@ryerson.ca for more information.

39.0 Hours

Fees: \$591.85

★ **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 and 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: \$586.64

★ **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: \$773.39

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: \$591.85

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: \$591.85

★ **COHS818 Systems Management II**

Prerequisite: COHS 718

This course continues the theme of OHS 718, offering exposure to further programs and components of a mature, comprehensive OHS system in the workplace. Programs covered include those concerning: health and safety management systems, workers’ compensation, re-employment of injured workers, workplace violence, vehicles/transportation, off-the-job health and safety, “wellness,” substance abuse, labour relations, and regulatory compliance.

39.0 Hours

Fees: \$599.16

★ **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 and 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: \$773.39

★ **COHS833 Fire Safety Management**

This course begins with an overview of fire chemistry followed by an analysis of fire prevention and fire protection methodologies. Hazard recognition and evaluation techniques are presented. Important aspects of Fire, Building, and Electrical Codes are reviewed. Emphasis is placed on emergency response planning and a review of the application of codes and regulations to specific fire events.

39.0 Hours

Fees: \$586.64

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: \$591.85

CVOH100 BCRSP eModules

Department Consent Required

This e-learning, self-study program has been designed to support existing Canadian Registered Safety Professionals in demonstrating compliance with the new education eligibility criteria. This program of self-study focuses on a number of the “softer” skills (i.e., less OHS discipline-specific skills) involved in being an OHS professional.

19.5 Hours Fees: \$0.00

❖ **CVOH110 Promote Frontline Worker Mental Health**

Participants will learn about the stress response that front line workers in healthcare settings experience in caring for clients and families in traumatic events. Using game-based teaching methods, participants will learn the mental health continuum and skills for self-assessment including strategies for self-care to mitigate the impact of trauma on their wellbeing.

This offering is for both frontline workers and support staff as well as supervisors, managers or directors who support frontline workers.

12.0 Hours Fees: \$132.61

❖ **CVOH115 Support Frontline Worker Mental Health**

Managers, supervisors, and directors in healthcare settings will learn about employers’ responsibilities to support the psychological health of frontline workers. Using Canadian Standard CSA-Z1003-13 Psychological Health and Safety in the Workplace as a base, we’ll explore leading practices to manage the spectrum of good psychological health and safety in the workplace. Participants will be supported in developing a personalized action plan to use in their workplace.

9.0 Hours Fees: \$122.00

★ **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 and 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: \$599.16

★ **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 and 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: \$599.16

Social Work

★ **CSWP301 Decolonizing and Anti-Oppression Practice**

Prerequisites: All 3rd and 4th Semester Required courses or Direct Entry

This course is designed to increase the capacity of students to understand and apply decolonizing anti-oppression principles and approaches to a range of different social work settings. Students will develop analytical and conceptual skills and will deepen their knowledge and understanding of power, colonization, and transformation, as these relate to working within marginalized populations. The integration and application of social work theory and knowledge to practice situations are emphasized.

39.0 Hours Fees: \$696.66

☆ **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: \$582.47

☆ **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 and 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: \$582.47

★ **CSWP917 Special Topics I**

Prerequisites: All 3rd and 4th Semester Required Courses or Direct Entry

This course provides students with the opportunity to pursue advanced seminar studies on issues and themes of immediate and current significance in the field of social work, where the content of the proposed seminar is unavailable in the curriculum. Seminars will be offered where there is demonstrated student interest, and available faculty expertise in the subject.

39.0 Hours Fees: \$582.47

★ **CSWP918 Special Topics II**

Department Consent Required

This course provides students with the opportunity to pursue advanced seminar studies on issues and themes of immediate and current significance in the field of social work, where the content of the proposed seminar is unavailable in SWP 917 or in the curriculum. Seminars will be offered where there is demonstrated student interest, and available faculty expertise in the subject.

This course will focus on international social work.

39.0 Hours Fees: \$586.64

★ CSWP925 Strong Helpers’ Teachings

Ogitchita Luwatilahunyuni (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: \$582.47

☆ 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: \$586.64

★ 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: \$586.64

★ 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 and 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: \$586.64

★ 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 and 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: \$586.64

★ 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 and 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: \$586.64

★ 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@ryerson.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 and 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 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: \$586.64

★ CVSW900 Foundations of Social Work

Department Consent Required

This course is a critical examination of social work from Canadian and international perspectives, including its contexts, debates, values, ethics and principles of practice, functions, and activities. Attention is given to the major theoretical frameworks to social problems and responses. Drawing on anti-oppression perspectives, students will develop beginning analytical skills in understanding social work and the promotion of social justice with specific attention to Indigenous and Francophone populations. This section of the course specifically addresses the Canadian context to social work and social welfare for students with international qualifications and practice experiences. (Equivalent to SWP 132 and SWP 331.)

This course is restricted to registered Certificate in Canadian Social Work Practice students in the IESW Bridging Program.

78.0 Hours Fees: \$1364.98

✧ 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 and 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: \$694.78

Accessibility Studies

❖ CVAS100 Accessibility and Compliance Awareness

This course increases awareness about accessibility and inclusion for people with disabilities. Students will examine the barriers faced by people with disabilities, the relevant legislation, and the growing untapped market and spending power of customers with disabilities. Strategies will be shared for communicating with decision makers about the importance of inclusion, interacting with people with different disabilities with dignity and beginning to shape a work environment of compliance and possibilities for people with disabilities.

21.0 Hours Fees: \$458.40

❖ CVAS110 Accessibility Standards

This course is designed to provide you with an introduction to accessibility legislation throughout the world, including the Accessibility for Ontarians with Disabilities Act (AODA), the Accessible Canada Act, and international legislation from the United States, the United Kingdom, Australia, and New Zealand. It will examine the difference between standards based and accommodations based legislation throughout different jurisdictions and provide you with foundational knowledge to apply legislative requirements to practical situations

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 and 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.

21.0 Hours Fees: \$458.40

❖ CVAS200 Introducing Digital Accessibility

Technological advancements present new opportunities in the digital world. However, some of these technologies can create barriers for people with disabilities. In this course, students will learn what digital accessibility is and why it is important to consider when creating content. We will look at the ethical, business, and legal aspects of digital accessibility; provide a review of the most common accessibility issues; and introduce some best practices for creating accessible digital content.

21.0 Hours Fees: \$458.40

❖ CVAS210 Recruitment, Training, and Employment

Meaningful and sustainable employment is a key factor in the wellbeing of people living with disabilities. This course is designed to advance that goal through an understanding of the recruitment, training, and employment process. By examining the historical and present barriers, relevant legislation, and the business case for hiring people with disabilities, you will develop tools to advance and support the employability of people with disabilities within your own scope of practice.

21.0 Hours Fees: \$458.40

❖ CVAS230 Public Spaces

This course increases awareness about accessibility and inclusion for people with disabilities in the built environment. You will examine the barriers faced by people with disabilities, the relevant legislation, and the opportunities they will gain when accessibility and inclusion are adopted universally. Strategies will be shared for communicating the need for change by organizations and supporting efforts for change to the built environment.

21.0 Hours Fees: \$458.40

❖ CVAS500 Field Experience: Capstone

This capstone course provides an opportunity to apply the knowledge and skills gained through previous Leadership in Accessibility and Inclusion courses to an accessibility-related project. You will work with an organization in a field experience placement to assess their accessibility related needs. By developing a corporate accessibility policy, an accessibility plan, or writing a grant application to remove barriers, this course will teach you how to incorporate the principles of accessibility and inclusion into an existing organizational culture.

21.0 Hours Fees: \$458.40

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 and 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: \$647.14

★ CMPC103 Art and the Classical Tradition

This course examines the evolution of Western Art from its origins in pre-historic times to the early 19th century. Issues and context considered include: aesthetics and antiquity; classical revivals of the Renaissance; Neo-Classicism; art in the service of religion in Medieval and Baroque Europe; and the birth of individualism during the Enlightenment and the Romantic periods.

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 and 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: \$647.14

★ 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 and 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: \$647.14

★ 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: \$647.14

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 and 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: \$845.39

Fashion

🌀 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: \$800.76

🌀 CDFC106 Fashion, Culture, and Society

This course is a survey of clothing traditions from prehistoric time to the present. It focuses on the origin and function of clothing and how various cultural patterns have affected choices. Study of aesthetic, economic, environmental, political, and social influences on fashion will be explored. Clothing practices will be examined within the framework of the supporting social and cultural infrastructure. Students will examine the importance of clothing as an expression of individual and group identity.

39.0 Hours Fees: \$800.76

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: \$628.37

🌀 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: \$628.37

🌀 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: \$628.37

★ 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: \$628.37

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: \$628.37

☆ 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: \$628.37

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’.

39.0 Hours Fees: \$631.49

★ CDMP129 Motion Picture Production I

This is an introductory course in the techniques and language of motion picture film production. Instruction is given in basic camera and editing equipment handling. Various cinematographic, directorial, and editing processes are taught. Short film projects created by students include film and digital procedures. This course will be valuable for people interested in learning practical filmmaking and basic technology, for teachers, and other professionals who work in or employ others in the field of audio-visual media creation. (Equivalent to MPF 106 and 206.) (Formerly CDMP 12A/B.)

This course is offered in the Spring/Summer term as part of ‘Summer Film School’.

78.0 Hours Fees: \$1429.66

★ 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: \$599.16

❖ CDMP350 Visual Story Telling

This course introduces students to theoretical and practical aspects of screenwriting. Topics include the creation of episodic screenplays, fiction films, and documentary films for mobile screens.

15.0 Hours Fees: \$271.26

★ **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: \$644.02

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@ryerson.ca.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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.

390.0 Hours Fees: \$6522.08

☆ **CMPF207 Film Technology II**

Prerequisite: CMPF 107;

Corequisite: MPF 206

This course builds on MPF 107 and introduces students to the fundamentals of digital cinematography and more complex image and sound post-production techniques including rudimentary sound design, sound mixing and colour correction. Basics of data management for non-linear editing will be included.

This course will be offered using a hybrid model of instruction. To ensure students receive equipment demonstrations and hands-on practice, four classes will be offered in-person as allowed by government and public health guidelines. The remaining classes will be delivered through virtual instruction. Dates of on-campus instruction to be confirmed.

39.0 Hours Fees: \$599.16

★ **CMPF301 Business of Film**

Prerequisite: MPF 422

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@ryerson.ca.

39.0 Hours Fees: \$599.16

★ **CMPF423 Film Technology III**

Prerequisite: CMPF 207;

Corequisite: MPF422

This course advances students’ knowledge of the theoretical and practical aspects of synchronous sound, digital cinematography and non-linear editing. Aspects of sound techniques include: double-system sound recording; on-set production practices; issues in the synchronization of sound and picture; the foley studio, and basic mixing processes for film and television production.

This course will be offered using a hybrid model of instruction. To ensure students receive equipment demonstrations and hands-on practice, four classes will be offered in-person as allowed by government and public health guidelines. The remaining classes will be delivered through virtual instruction. Dates of on-campus instruction to be confirmed.

Registered certificate program students who do not have the corequisite and who wish to take this course should contact Ana Abreu, Program Coordinator, at aabreu@ryerson.ca for more information. A requisite may be waived if the student has specific professional experience.

39.0 Hours Fees: \$599.16

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 and 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: \$662.73

★ **CGCM111 Graphic Communication Technologies**

Prerequisites: CGCM 110 or GRA 652

This course offers an in-depth examination of the technologies and processes used to design, process, print and output jobs for a variety of end-use applications. Subject matter includes image capture and manipulation, file formats and resolutions, screening, premedia considerations, plate output, and conventional and digital printing processes, systems, and equipment. Students also learn about related non-print media output applications.

39.0 Hours Fees: \$662.73

★ **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: \$702.73

★ **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: \$682.73

★ **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: \$662.73

★ **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: \$682.73

★ **CGCM720 Magazine Production and Publishing**

The number of magazines published these days is greater than ever, but print run lengths are changing with the availability of a range of non-print digital media. This course covers design and current technical specifications and requirements for magazine production and distribution. Students will learn about organizations structures, such as grids, formatting and sequential design. Image capture and manipulation are covered. Students will create and produce a short-run magazine.

39.0 Hours Fees: \$702.73

★ **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: \$662.73

★ **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: \$662.73

Journalism

★ **CNNS102 Understanding Multimedia Journalism**

Prerequisite: CNNS 101
Antirequisites: JRN 105, JRN 120

Students receive grounding in basic disciplines involved in using sound and pictures to tell nonfiction stories. Trends in modern multimedia journalism will be described, including the use of various digital platforms and social media. Students will emerge with a theoretical understanding of the interplay of various media in the news business today, and each student will also complete at least one basic reporting assignment using audio, video, and/or still photography, as well as text.

39.0 Hours Fees: \$644.02

★ **CNNS419 Journalism in Comedy**

Prerequisites: CNNS 101 or JRN 103

Students will examine the role of satire in stimulating discussion of current events. From the 18th century writings of Jonathan Swift, to Charlie Hebdo cartoons and provocative TV monologues, satire has performed a similar function to journalism by holding institutions and powerful people to account. But the lines between satirical commentary and responsible reporting can be blurred. This course will explore what happens when comedy becomes a source of news and information.

39.0 Hours Fees: \$644.02

★ **CNNS505 Health and Science Journalism**

Prerequisites: CNNS 101and Departmental Consent;
Antirequisite: JRN 505

Using current debates in the health and science fields, students learn how to bridge the gap between scientific jargon and readers or audiences. They address the importance of evaluating claims and explore techniques for communicating complex ideas. Students will be enrolled in sections with a view to the amount of journalism experience they bring to the course, and assignments will be tailored to these differing levels of experience.

39.0 Hours Fees: \$644.02

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: \$650.16

★ **CRTA212 Media Writing**

Prerequisite: CRTA 102 or RTA 107

Building on RTA 102 or RTA 107 (Creative Processes), this course focuses on writing for the screen and related platforms with an emphasis on fictional storytelling. Students consider major theories and schools of writing which will inform students’ work and how they tell stories. Students then build on those theories to write their own script.

39.0 Hours Fees: \$650.16

★ **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.

39.0 Hours Fees: \$650.16

★ **CRTA943 Comedy Writing**

Prerequisites: CRTA 102 and CRTA 212

This course covers the fundamentals of comedy writing with special focus on the techniques of writing comedy for television and the web with an emphasis on sketches and sitcoms. Students take part in story editing exercises, designed to simulate industry practices. This course’s key goal is to develop students’ creative and comic voice in their writing.

39.0 Hours Fees: \$650.16

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: \$634.63

★ **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: \$634.63

★ **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 and 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: \$634.63

★ **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: \$634.63

★ CFPN541 Digital Animation Concepts

This course introduces students to three-dimensional virtual environments, covering visualization of three-dimensional objects represented in a two-dimensional medium as well as navigation through a three-dimensional space. Modelling and animation topics covered include perspective, composition, movement, rhythm, timing, and imaging in a three-dimensional space. Particular attention is paid to the aesthetics and other special characteristics of the delivery medium.

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 and 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: \$634.63

★ 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: \$634.63

★ 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: \$634.63

★ CNPF566 History of Animation

Prerequisite: CMPF 290 or enrolled in Image Arts program

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, rotoshopping, 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.

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 and 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: \$586.64

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: \$339.00

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: \$644.02

★ 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: \$644.02

★ 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: \$659.66

✧ 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 Director.

39.0 Hours Fees: \$838.02

★ 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 the Academic Coordinator, Dennis Miles, at dmiles@ryerson.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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$681.58

★ 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 the Academic Coordinator, Dennis Miles, at dmiles@ryerson.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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$589.76

★ 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: \$586.64

★ 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: \$664.76

✧ 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: \$792.61

Public Relations

★ CDPR100 Public Relations Principles

This course presents students with the basic concepts and principles of public relations. Topics explored include the history and trends, processes, and practices areas of public relations. Students will also learn the elements of communication planning and implementation, including research, communication plan development, writing, and evaluation. Public Relations Principles I is the foundation course for all other courses in the Public Relations certificate program. (Formerly CDPR 201) (Equivalent to BDC 917/RTA 917).

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 and 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: \$675.49

✧ CDPR103 Advanced PR Writing

Prerequisite: CDPR 111 and (CDPR 100 or CDPR 201)

As public relations (PR) practitioners advance in their careers, there are more opportunities to prepare social media and web-related reports, plans, and proposals for senior leadership, executives, and clients. The advanced PR writing course will provide PR practitioners with examples and extensive practice to continue to hone their writing skills. Particular focus will be on clarity, plain language, organization of thoughts and ideas, and understanding audience information needs.

Students with five years of professional PR experience may apply at ce@ryerson.ca for consideration to enrol in this course without the required prerequisites.

19.5 Hours Fees: \$519.16

✧ CDPR104 Planning Programming and Budgeting

Prerequisite: CDPR 100 or CDPR 201

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.

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 and 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: \$887.54

✧ CDPR105 Research and Program Evaluation

Prerequisite: CDPR 100 or CDPR 201

This course provides an opportunity for learners to apply techniques of research and evaluation to investigate public relations issues. Students will learn both qualitative and quantitative strategies for public relations practice. Working both individually and in small groups, student will conduct a systematic secondary research report and a primary research report; learn to create and apply online metrics platforms; and conduct a study of an organizational public relations campaign.

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 and 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: \$887.54

✧ CDPR106 Media Relations

Prerequisite: CDPR 100 or CDPR 201

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 and As.

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 and 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: \$887.54

CDPR107 Public Relations Project

Department Consent Required

This course will provide learners with an opportunity to assess the theory and skills required by 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. Students who, because of employment or other sufficient reasons, are unable to submit a program or project report may receive the required credit by doing a major paper.

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 and 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.

Department consent for this course may be granted after completing seven (7) full credits within the Certificate in Public Relations or concurrently with the final credit(s). Please contact ce@ryerson.ca for consent.

39.0 Hours Fees: \$887.54

CDPR108 Social Media in Public Relations

Prerequisite: CDPR 100 or CDPR 201

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.

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 and 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: \$887.54

CDPR110 Reputation Management

Prerequisite: CDPR 100 or CDPR 201

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.

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 and 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: \$519.16

CDPR111 Writing for Public Relations

Prerequisite: CDPR 100 or CDPR 201

Learners will study the strategy and the basic concepts of effective public relations writing, including the use of a variety of communications tools used in public relations programs. The emphasis will be on the preparation of materials such as media releases, newsletters, brochures, letters, memos, reports, proposals, backgrounders, and public service announcements within the context of program planning and audience targeting.

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 and 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: \$887.54

CDPR113 Internal Communications Management

Prerequisite: CDPR 100 or CDPR 201

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.

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 and 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: \$887.54

CDPR116 Public Relations Ethics

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.

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 and 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: \$519.16

CDPR117 Crisis Communication

Prerequisite: CDPR 100

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: \$519.16

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 and 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’.

39.0 Hours Fees: \$878.48

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 and 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: \$878.48

🔗 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 and 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’.

39.0 Hours Fees: \$878.48

🔗 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 and 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’.

39.0 Hours Fees: \$878.48

🔗 CDPB104 Introduction to Book Design

This course outlines the basics of good book design in the context of evolving computer technology. The focus of the course is to equip the student with the knowledge, skills, and procedures necessary to make appropriate choices in designing books. Specific topics include designing appropriately for different audiences, selecting appropriate typefaces and sizes, making page layouts with photos and illustrations, matching visual structure to editorial structure, selecting appropriate materials, designing jackets and covers, and cost implications of design decisions. Although no specific computer application will be taught, students may be expected to complete assignments using either word-processing or page-layout applications.

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 and 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: \$878.48

🔗 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 and 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: \$878.48

🔗 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 and 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’.

39.0 Hours Fees: \$878.48

🔗 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 and 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’.

39.0 Hours Fees: \$878.48

🔗 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 and 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: \$836.44

🔗 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 and 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: \$878.48

🔗 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 and 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'.

39.0 Hours Fees: \$878.48

🔗 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 and 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: \$878.48

🔗 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: \$494.44

🔗 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 and 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: \$494.44

🔗 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 and 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: \$470.89

🔗 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: \$470.89

🔗 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 and 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: \$494.44

🔗 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: \$494.44

🔗 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 and 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: \$494.44

🔗 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 and 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: \$470.89

🔗 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 and 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: \$878.48

🔗 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: \$494.44

🔗 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: \$494.44

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 and 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: \$494.44

🔗 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 and 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 103) Visual Skills for Publishing (CDPB 212) before tackling this course.

39.0 Hours

Fees: \$878.48

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@ryerson.ca.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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.

234.0 Hours

Fees: \$5270.88

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.

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 and 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: \$545.42

❖ CWWR411 Short Fiction Writing - Level II

In this intermediate workshop, the instructor leads frank but supportive discussions about stories written by class participants and distributed ahead of time. Various elements of effective writing are examined, such as creating character, writing dialogue, using the rhythms of spoken language, managing plot, controlling point of view, and writing technical or historical passages. At least one class is devoted to the business of publishing fiction.

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.

25.0 Hours Fees: \$545.42

❖ 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.

25.0 Hours Fees: \$519.43

❖ CWWR952 Creative Travel Writing

“What am I doing here?” was the late travel writer Bruce Chatwin’s guiding question. Creative travel writing, as practised by such noted writers as Bill Bryson, Mary Morris, and Paul Theroux, is more than a catalogue of places visited, buses missed, and cathedrals toured. It is the story of the author’s relationship to place; it is both outer and inner journey. In this workshop you will be taken through exercises designed to trigger memory, sharpen your powers of observation, and create travel stories and articles using techniques borrowed from the craft of fiction: characterization, description, dialogue, etc. Beginning writers are welcome.

25.0 Hours Fees: \$545.42

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: \$159.64

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: \$419.06

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: \$379.14

NEW!

❖ CDIM103 Advanced CC and Intro to NER

Prerequisites: CDIM 100 and CDIM 101

This course examines live CC production and mandatory quality standards with hands-on practice and feedback. Assignments include a 10-minute live CC production, calculating accuracy according to CRTC regulations (NER), and in-class peer review. Students are expected to demonstrate an understanding of live CC production through respeaking and NER evaluation. While professional live captioners will benefit from understanding NER scoring, this course will build upon students’ prerequisite knowledge and is ideal preparation of NER certification.

21.0 Hours Fees: \$419.06

NEW!

❖ CDIM104 Audio Description Advanced

Prerequisites: CDIM 100 and CDIM 102

This course consists of production methods with hands-on practice and feedback. Students will be asked to produce a 10-minute clip with AD and have their script and audio production reviewed by the class. They will also produce a 1-hour show with AD on their own. Students are expected to demonstrate their understanding of AD, have a critical approach towards AD and other student’s work and produce AD for any type of audiovisual media and genre.

21.0 Hours Fees: \$419.06

DESIGN AND ARCHITECTURE

Architectural Science

✧ CKAR103 Architectural Studio - Fundamental

Prerequisite: KAR 102 or CKAR 300

An introductory studio workshop in architectural design and space planning. Topics include spatial and functional planning, human-interface and environmental systems, and architectural representation and presentation.

39.0 Hours Fees: \$1018.48

CKAR150 Pathway to Practice

Department Consent Required

This course supports acquiring the skills necessary to successfully write the Examination for Architects in Canada (ExAC). This course may be particularly helpful for internationally trained professionals whose education and expertise may not be relevant in Canada. Customized support will be given in reviewing all four sections of ExAC, identifying gaps in any topical areas within each of the sections; providing resources and study plans to remedy the gaps; and practicing test-taking strategies through mock exams.

58.0 Hours Fees: \$339.00

✧ CKAR205 Building Codes and Regulations

Prerequisites: CKAR 310 or CKAR 105

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: \$1018.48

✧ 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: \$1018.48

✧ CKAR300 Architectural Drawing

This is a comprehensive course in architectural drawing and drafting which includes such topics as architectural representation and drawing and drafting styles and techniques. Students will learn perspective, isometric, and orthographic drafting as well as technical drafting. The course will include selected elements of designing process and its graphic components such as conceptual drawings, presentation drawings, design development, and details and technical drawings.

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: \$1018.48

✧ 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: \$1018.48

✧ CKAR500 Sustainable Buildings

Prerequisites: CKAR 103 and 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: \$1018.48

✧ 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: \$1018.48

✧ 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 and 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: \$1018.48

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: \$609.60

★ 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: \$609.60

✧ 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: \$731.99

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: \$861.04

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: \$599.16

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: \$599.16

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: \$784.50

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: \$772.47

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.)

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$599.16

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: \$772.47

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: \$860.83

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: \$772.47

CDID553 Lighting Design Practicum

Prerequisites: CDID 500, CDID 505,CDID 520, CDID 540and 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: \$1039.06

CDID554 Lighting Research Practicum

Prerequisites: CDID 500, CDID 505, CDID 510, CDID 520, CDID 540and 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. It provides an opportunity for students to investigate a problem in either lighting technology or lighting applications (e.g., a behavioural or perceptual effect) with a faculty member, or an adjunct such as the National Research Council, or an independent consultant, or an industry lamp/luminaire manufacturer. The student may define the research question in collaboration with the supervisor, or may work on an ongoing research practicum with a faculty member, and will define, conduct, and report on the investigation that answers the question.

39.0 Hours Fees: \$1089.60

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: \$772.47

CIRC112 Introduction to Digital Communication

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: \$605.42

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: \$588.72

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: \$588.72

Landscape Design

❖ CKLA300 Landscape Design Communications and Theory

The course begins by exploring the use of the line drawing including the landscape plan, sections, and elevations. It moves into the introduction of basic methods of designing landscape spaces and composing site content. Organizing systems include the grid and form composition.

This course is delivered in a lecture/studio format.

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 and 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: \$975.87

❖ 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: \$975.87

❖ 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 and 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: \$975.87

❖ 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: \$975.87

❖ 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 and 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: \$975.87

❖ 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 and 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: \$975.87

❖ 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: \$975.87

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@ryerson.ca

26.0 Hours Fees: \$1322.00

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: \$1350.34

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: \$1322.00

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: \$1350.34

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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$621.04

★ 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 Ryerson email account in order to receive communication from your lab instructor.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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.

58.5 Hours Fees: \$888.16

★ 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 Ryerson 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: \$888.16

★ 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 Ryerson 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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.

78.0 Hours Fees: \$1175.09

☆ 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: \$621.04

☆ 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$621.04

☆ 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: \$621.04

☆ CBLG600 Physiology

Prerequisites: CBLG 143 and CBLG 144 and CBLG 311; Antirequisite: BLG 601

A systematic approach to the function of the main physiological systems and their integration and interaction in the human body. Functions of the integumentary, immune, circulatory, skeletal, muscular, respiratory, nervous, endocrine, gastrointestinal, urinary and reproductive systems. The physiological consequences of disease, aging, exercise, and pregnancy are also considered.

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: \$621.04

☆ 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: \$621.04

NEW!

☆ CBLG850 What is Cancer?

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: \$621.04

Biomedical Sciences

NEW!

☆ CBLG850 What is Cancer?

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: \$621.04

☆ 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: \$621.04

Chemistry

★ CCHY103 General Chemistry I

Antirequisite: CHY 102

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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$586.64

☆ 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).

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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.

58.5 Hours Fees: \$865.79

☆ CCHY152 Introductory Organic Chemistry

Prerequisite: CCHY 104

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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$586.64

☆ 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: \$586.64

★ 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$586.64

☆ 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: \$586.64

☆ 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: \$586.64

★ 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$617.94

★ 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$606.46

★ 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$617.94

★ 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$630.45

★ 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$630.45

★ 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 Ryerson 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$683.67

❖ CKIH200 Science Mentorship

Department Consent Required

This course will provide students with practical skills and tools needed to become effective peer mentors and leaders. Students will also develop skills to enhance their individual career, academic, and personal goals. Students will participate in a reflective learning process where their mentoring experiences are shared with other students. They will learn how to transfer these skills (learned through mentoring and course work) to career and academic objectives.

In-person registration only. For further details, please contact Alina Velieva, First Year and Common Science Office, at the Faculty of Science at alina@ryerson.ca.

30.0 Hours Fees: \$0.00

Environmental Health

☆ CENH424 Water Quality

Introduction to water safety and control techniques. Ground water, private water supply, municipal water supply and recreational water use are considered in the context of the biological, chemical and physical hazards to health, as well as the monitoring and control actions required for ensuring their safety. Swimming pools are dealt with in detail.

45.5 Hours Fees: \$650.65

☆ CENH429 International Health

Prerequisites: ENH122;

This course is founded on the basic theories and practices of environmental health and uses them to explore selected topics in international health. Emphasis is placed on health work and epidemiology in cross- cultural and international situations.

39.0 Hours Fees: \$650.65

NEW!

☆ CENH433 Food Hygiene: Safe Food Handling

Prerequisite: ENH333

This course deals with the examination and evaluation of foods, ingredients, processes and premises from a legislative and health risk viewpoint. Inspection techniques are discussed, as are the making of an appropriate report and recommendations based upon the Food Premises Regulations. The emphasis is upon recognition of hazardous elements and reduction or elimination of risks.

45.5 Hours Fees: \$650.65

Health Information Management

★ CHIM300 Managing Health Information Services

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.

39.0 Hours Fees: \$599.16

★ 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.

39.0 Hours Fees: \$599.16

☆ CHIM302 Health Information Systems Management

Prerequisite: CHIM 301

This course takes a systems perspective in terms of database management, quality management and utilization management. Database management covers the full spectrum of definitions, data standards in terms of integrity, reliability and consistency, data transforming and cleaning prior to storage, and record linkage. Quality assurance and utilization management topics cover issues such as integrated/managed care with a focus on both process and outcome within an interactive cycle, identification of sentinel events and the development of indicators for measurement. Finally, product analysis and selection, including the RFP (request for proposal) process, will also be addressed.

39.0 Hours Fees: \$599.16

★ 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@ryerson.ca to discuss options for entry

39.0 Hours Fees: \$599.16

★ 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 and 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: \$599.16

★ 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: \$599.16

★ 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 and 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: \$599.16

★ 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: \$586.64

★ 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 and 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: \$586.64

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: \$599.16

★ 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 and 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: \$599.16

★ CHSM306 Management Leadership and Decision-Making

Prerequisites: CHSM 305

In this course students examine theories of organizational development and culture, review how organizations evolve and respond to change. Students will apply theories of individual motivation, group dynamics and styles of leadership within the context of the departmental structure and inter-departmental relations. Case studies and role-playing are used to develop skills in decision-making, communication, team building, conflict resolution and managing change in multi-disciplinary, multi-cultural work settings. Methodology: Lecture, discussion, case studies, role playing.

39.0 Hours

Fees: \$599.16

★ 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 and 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: \$596.02

★ 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 and 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: \$599.16

★ 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 and 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: \$586.64

★ 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: \$586.64

★ 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: \$586.64

☆ 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: \$586.64

☆ 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: \$586.64

★ 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: \$586.64

Midwifery

★ CMWF108 Aboriginal Childbearing

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: \$601.24

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 Office several 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.ryerson.ca/ce/nursing, for further information.

208.0 Hours Fees: \$1195.95

☆ 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 Office several 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.ryerson.ca/ce/nursing, for further information.

208.0 Hours Fees: \$1195.95

☆ 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.ryerson.ca/ce/nursing, for further information.

39.0 Hours Fees: \$605.42

☆ 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.

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See the Nursing website, www.ryerson.ca/ce/nursing, for further information.

39.0 Hours Fees: \$599.16

★ 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.ryerson.ca/ce/nursing, for further information.

39.0 Hours Fees: \$599.16

☆ 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.ryerson.ca/ce/nursing, for further information.

39.0 Hours Fees: \$599.16

☆ **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 Ryerson 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 Ryerson; 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.ryerson.ca/ce/nursing, for further information.

52.0 Hours **Fees: \$798.43**

☆ **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.ryerson.ca/ce/nursing, for further information.

39.0 Hours **Fees: \$586.64**

★ **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.ryerson.ca/ce/nursing, for further information.

39.0 Hours **Fees: \$599.16**

★ **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.ryerson.ca/ce/nursing, for further information.

39.0 Hours **Fees: \$599.16**

★ **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.

See the Nursing website, www.ryerson.ca/ce/nursing, for further information.

39.0 Hours **Fees: \$599.16**

☆ **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.

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.ryerson.ca/ce/nursing, for further information.

39.0 Hours **Fees: \$586.64**

☆ **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.ryerson.ca/ce/nursing, for further information.

39.0 Hours **Fees: \$586.64**

CVNU113 Paediatric Health Assessment

Department Consent Required

This course is designed to broaden participants’ knowledge and skills in the health assessment of infants, children, and adolescents. Learning is based upon foundational knowledge of growth and development, family, social determinants of health, and communication skills. Physical assessment techniques for body systems, pain, nutritional status, mental health, and psychosocial needs will be addressed across all paediatric developmental stages.

E-learning course activities include online discussions and case studies.

27.0 Hours **Fees: \$326.86**

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@ryerson.ca.

8.0 Hours **Fees: \$272.38**

★ 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: \$586.64

★ 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: \$586.64

✧ 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@ryerson.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 and 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: \$635.33

✧ CVNU370 Change and Innovation

Prerequisite: CVNU 360andDepartment 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.

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.

39.0 Hours Fees: \$635.33

Nutrition and Food

★ CFNN111 Introduction to Nutrition

Antirequisite: CFNN 100

This course presents nutrition principles so as to promote health and optimal nutritional status, and reduce the risk of chronic disease. Topics include the basics of nutrition, macro- and micro-nutrients, and nutrition assessment using a lifespan framework. This course explores the concepts of living well from an inter-dependent and personal and professional perspective. (Course is delivered exclusively online.)

39.0 Hours Fees: \$605.42

CVNN100 IEPN Nutrition Care Practicum

Department Consent Required

This course provides supervised practical experience in dietetics with a focus on the nutritional management of disease and overall nutritional well-being. Under the supervision of a registered dietitian, students will apply their theoretical knowledge using evidenced-based practice guidelines in a variety of settings including acute and long-term centres. Students will identify and document their learning accomplishments and competencies to match the ICDEP competencies outlined by CDO.

160.0 Hours Fees: \$1419.79

CVNN105 IEPN Admin/Food Service Practicum

Department Consent Required

This course provides administrative practicum experience under the supervision of a registered dietitian. The practicum will include a combination of self-directed projects with an administrative focus as well as all on-site practical experience in a food services setting. Projects may include menu revisions, systems analysis, or project evaluation and implementation. Students will identify and document their learning accomplishments and competencies to match the ICDEP competencies outlined by CDO.

160.0 Hours Fees: \$1419.79

CVNN110 IEPN Public Health Practicum

Department Consent Required

This course provides supervised practical experience in dietetics with a focus on health promotion and disease prevention. Under the supervision of a registered dietitian, students will work in a variety of settings in a range of programs intended to promote the health of groups or populations with differing needs. Students will identify and document their learning accomplishments and competencies to match the ICDEP competencies outlined by CDO.

160.0 Hours Fees: \$1419.79

Physics

★ 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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.

65.0 Hours Fees: \$973.71

★ 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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.

65.0 Hours Fees: \$1248.11

☆ 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: \$605.42

☆ 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: \$604.57

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.

65.0 Hours Fees: \$1257.51

★ CCPS209 Computer Science II

Prerequisite: CCPS 109

A continuation of CPS 109. Emphasis is placed on code structure, algorithm development, and Object Oriented design principles.

65.0 Hours Fees: \$1341.78

☆ 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).

65.0 Hours Fees: \$633.58

★ 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.

52.0 Hours Fees: \$773.39

★ CCPS311 Object Oriented Programming and Design

Prerequisites: CCPS 209 and CCPS 393

This course further explores the Object-Oriented paradigm emphasizing the Object Model and relationships between the various artifacts. The pure Smalltalk language is introduced to reinforce the OO paradigm. The Unified Modeling Language to capture the objects, classes, and their relationships is studied in considerable depth with a major analysis and initial design project done in teams. A reasonably complete coverage of C++ is presented. Time permitting, OO features of other languages will be discussed.

39.0 Hours Fees: \$633.58

★ CCPS393 Introduction to UNIX, C and C++

Prerequisite: CCPS 109 and 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.

52.0 Hours Fees: \$666.97

☆ 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).

52.0 Hours Fees: \$805.73

☆ 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.

39.0 Hours Fees: \$868.30

★ CCPS420 Discrete Structures

Prerequisite: CMTH 110, CCPS 109; Antirequisite: MTH 210

Introduction to discrete structures and probability 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. Probability.

39.0 Hours Fees: \$852.30

☆ 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.

52.0 Hours Fees: \$773.39

★ CCPS510 Database Systems I

Prerequisite: CCPS 305 or (COE 428 and COE 528) Antirequisite: GITM 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: \$773.39

☆ 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.

52.0 Hours Fees: \$633.58

★ 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.

52.0 Hours Fees: \$846.42

☆ CCPS616 Algorithms

Prerequisites: (CCPS 305 and MTH 210) or (CCPS 305 and CCPS 420)

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.

52.0 Hours Fees: \$884.62

★ 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.

52.0 Hours Fees: \$563.69

★ CCPS721 Artificial Intelligence I

Prerequisites: (CCPS 305 and MTH 210 and CMTH 304) or (CCPS 305 and CCPS 420) or Direct Entry

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.

52.0 Hours Fees: \$846.42

☆ CCPS844 Data Mining

Prerequisites: CCPS 305

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.

52.0 Hours Fees: \$773.39

☆ CCPS853 Creating Big Data Systems.

Prerequisites: CCPS 406 and CCPS 420 and CCPS 510

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.)

65.0 Hours Fees: \$1170.04

NEW!

CKCS125 Web Accessibility Auditing and Reporting

This course is intended for web content creators, designers and developers. With accessibility laws emerging in Ontario around the world, there is an increasing demand for skilled accessibility professionals who can identify potential barriers on the Web, and make informed recommendations to correct them. Participants will use a variety of tools and methods for identifying barriers, and, through a hands-on project, conduct formal web accessibility audits on a website of their choosing.

30.0 Hours Fees: \$847.96

NEW!

CKCS126 Web Accessibility for Developers

This course is aimed at web developers, and web designers with some HTML and Javascript experience. The focus is on developing expertise using WAI-ARIA, the W3C specification for creating accessible web interactivity. Participants will create a collection of interactive widgets that are accessible to those using assistive technology, and will produce a reusable jQuery library that automates the application of WAI-ARIA. With emerging accessibility laws, these are essential skills for anyone developing for the web.

30.0 Hours Fees: \$847.96

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 and 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: \$975.87

🔗 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 and 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: \$975.87

🔗 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 and 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: \$975.87

🔗 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 and 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: \$975.87

🔗 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 and 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: \$975.87

🔗 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 and 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: \$975.87

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: \$588.72

★ 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: \$588.72

☆ 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: \$569.94

★ 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: \$649.23

★ CGEO151 Location, Location, Location

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: \$649.23

★ 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: \$569.94

☆ **CGEO322 A Critical Geography of South Asia**

This course introduces students to South Asia as a dynamic geo-political ‘region’, with a unique colonial history, uneven development, and shifting identities. In the first half of the course concepts such as postcolonialism, nationalism and nationhood are discussed. The second half focuses specifically on the differential geographies produced between and within South Asian nation states, India, Pakistan, Sri Lanka, Bangladesh, Nepal and Bhutan.

39.0 Hours Fees: \$569.94

☆ **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: \$569.94

☆ **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: \$569.94

★ **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: \$646.11

☆ **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: \$646.11

☆ **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: \$569.94

★ **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: \$646.11

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: \$701.43

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: \$701.43

★ **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@ryerson.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 and 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: \$687.80

★ **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@ryerson.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 and 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: \$687.80

✧ **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: \$968.73

✧ **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: \$968.73

✧ **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 and 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: \$968.73

✧ **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: \$925.14

★ **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 and 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: \$687.80

❖ **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: \$925.14

❖ **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 and 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: \$968.73

❖ **CODG210 Spatial Database Management Systems**

Prerequisite: CODG 132

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: \$968.73

❖ **CODG211 Advanced GIS Programming**

Department Consent Required

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: \$925.14

❖ **CODG212 Spatial Statistical Methods**

Department Consent Required

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: \$925.14

❖ **CODG213 Internet GIS**

Department Consent Required

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: \$925.14

❖ **CODG220 GIS Implementation**

Department Consent Required

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.

This is an independent study course.

39.0 Hours Fees: \$925.14

❖ **CODG221 GIS Project**

Department Consent Required

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: \$925.14

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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$903.39

★ **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.

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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$904.39

☆ 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.

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39.0 Hours

Fees: \$729.11

★ CITM200 Fundamentals of Programming

Prerequisite: CITM 207; Antirequisite: CPS 209

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 and 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.

Section FA0: This section(s) of the course includes required on-campus (classroom) components. Please review the scheduling details carefully.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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 class.

39.0 Hours

Fees: \$729.11

★ 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 and 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.

Section BA0: This section(s) of the course includes required on-campus (classroom) components. Please review the scheduling details carefully.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$729.11

★ 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@ryerson.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 and 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: \$792.76

★ 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 and 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.

Section 3A0: This section(s) of the course includes required on-campus (classroom) components. Please review the scheduling details carefully.

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: \$792.76

★ 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 and 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: \$712.42

★ 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 and 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: \$712.42

★ 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 and 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: \$792.76

★ CITM430 System Design and Implementation

Prerequisites: CITM 200 and CITM 305or in the 2-Year Business Technology Management Ontario College Diploma Graduate Program

This course builds on ITM 305 and is intended to provide students with skills and competencies necessary for technical design, implementation and testing of business applications in O-O technologies. This course is based on the Object Oriented Model Driven Architecture method of system development. The UML Modelling Language will be used along with O-O software tools such as Enterprise Architecture and MDG Link to ensure platform independent designs. This course includes a design and development project in which students will implement and test a business application in O-O technologies.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

39.0 Hours Fees: \$712.42

★ 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.

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 and 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.

Section 4A0: This section(s) of the course includes required on-campus (classroom) components. Please review the scheduling details carefully.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$792.76

★ CITM501 Prescriptive Analytics and Simulation

Prerequisites: CGMS 210 or CGMS 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: \$712.42

★ CITM595 Auditing of Information Systems

Prerequisites: (CACC 521 or AFA 518) and CITM 696

This course is designed to enhance the student’s understanding of audit risks and control risks relevant to audits in computerized environments. The course addresses the implementation and evaluation of security and controls in these environments; the techniques necessary to perform external EDP audits; auditing using CAATs; basic considerations in auditing EDI systems; and, audit and control issues associated with eCommerce, networks, VPNs and continuous auditing. The course will focus on auditing of Information Systems, which produce internal and external reports. Students will be introduced to audit approaches, computer risks, concerns related to internal controls and techniques for evaluating systems and business processes. Students will also be able to assess the integrity of data used in various management reports.

Standard course outlines for Information Technology Management (CITM) courses are available on the ITM website.

39.0 Hours Fees: \$712.42

★ 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. Also an understanding of the application, deployment and benefits of industry standard architectures including: TCP/IP, VoIP, SONET, Gigabit Ethernet, 3G and other emerging standards will be provided.

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 and 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: \$766.67

★ 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: \$712.42

☆ CITM618 Business Intelligence and Analytics

Prerequisites: [CITM 207 and (CGMS 102 or CGMS 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: \$712.42

★ CITM696 Accounting Information Systems

Prerequisite: CITM 102;

Most people are affected by computer-based systems. The students will be involved in the management of computing resources and information such that business problems can be dealt with effectively. This course will focus on the use of information and computing resources in the business community. This will enable students to create their own business information systems or participate with others in the analysis and design of solutions for corporate business problems.

39.0 Hours Fees: \$712.42

★ CITM706 Enterprise Architecture

Prerequisites: CITM 410

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 and 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: \$711.54

☆ 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: \$712.42

★ 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 and 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: \$712.42

★ 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 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 and 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.

Section FA0: This section of the course includes required on-campus (classroom) components. Please review the scheduling details carefully.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$712.42

★ 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 and 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: \$638.33

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: \$689.15

🌐 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: \$708.96

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 and 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: \$975.87

🔗 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: \$975.87

🔗 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: \$975.87

🔗 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 and 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: \$975.87

🔗 CKRE150 Emerging Issues in Robotics and Embedded Systems

This capstone course 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@ryerson.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 and 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: \$975.87

★ 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 and 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: \$760.57

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: Vrenia Ivonoffski

12.0 Hours Fees: \$176.54

❖ 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: Vrenia Ivonoffski and Kate Lushington

15.0 Hours Fees: \$223.63

❖ CSAC105 Shakespeare: Yes You Can!

Hate Shakespeare? Love Shakespeare? Get to know the Bard better! Embark on a journey through the textual codes that guide the actor. A fascinating course for actors and non-actors alike, guaranteed to change forever how you approach the printed word. Texts provided.

Instructor: Vrenia Ivonoffski

14.0 Hours Fees: \$264.84

❖ CSAC106 Monologues: The Basics

Learn the building blocks for a solid emotionally connected monologue. Class limit: 8 students.

Instructor: Les Porter

12.0 Hours Fees: \$200.09

CSAC107 More Monologues

Discover how to find ease and emotional connection speaking text that is 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: \$224.81

❖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: \$224.81

❖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: \$196.56

❖ 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: Kate Lushington

18.0 Hours Fees: \$322.51

❖ CSAC127 Directing: An Introduction

Everything about directing from concepts to opening night. Also a valuable course for actors who want to know about the view from the other side.

Instructor: Vrenia Ivonoffski

16.0 Hours Fees: \$278.95

❖ CSAC151 Playwriting Basics

We’ll explore the basic elements that work together to create a dramatic and compelling stage play. Required reading **before** the first class: *Bang Bang* by Kat Sandler (available at: www.playwrightscanada.com/Books/B/BANG-BANG)

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: \$104.75

❖ 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: \$262.59

❖ 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

Supplies to be purchased by the student: An additional fee of \$10 will be collected in the first class to cover the costs of materials.

15.0 Hours Fees: \$262.5

❖ 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: \$174.86

❖ CSAC215 Scenes From Canadian and Other Plays

Prerequisite: CSAC 115

An intermediate level course in scene study. Develop a process that works for you through in-depth studies with a partner. Rehearsal with your scene partner between classes is expected. Class work will be presented at a matinee. Class limit: 12 students.

Instructor: Les Porter

18.0 Hours Fees: \$322.51

❖ CSAC240 Acting Without Text

Prerequisite: CSAC 102 or CSAC 106

In-depth work with the most basic and simplest kind of acting using concepts of Zone of Silence, Intention, Action, Activity, and Environment. This important course will help you to be more playful, more truthful, and more present in dramatic situations.

Instructor: Richard Beaune

12.0 Hours Fees: \$224.81

❖ 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

\$10 for software materials will be collected by the instructor in the first class.

15.0 Hours Fees: \$262.59

❖ CSAC282 Improvisation I

Improvisation is about playing and responding. We’ll employ some fundamental concepts of improvisation - making and accepting offers, reacting in the moment, and thinking outside the box - to release ourselves to play freely, creatively and with ease.

14.0 Hours Fees: \$264.84

❖ CSAC300 Acting En Francais

Prerequisite: CSAC 102

For those who love and can hold their own in the French language, here’s an opportunity to explore the words of playwrights from Moliere to Tremblay. Memorization is not required. Class limit: 10 students.

12.0 Hours Fees: \$224.81

❖ CSAC304 Shakespeare Performance Preparation

Prerequisite: CSAC 105

In-depth text analysis and play study for the Shakespeare production in February.

Instructor: Vrenia Ivonoffski

18.0 Hours Fees: \$211.86

❖ 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: \$224.81

CSAC309 Clown Studies

Prerequisite: CSAC 109

We will watch some of the great clowns perform and we will analyze their techniques. Then we’ll play with each technique, developing a short turn which incorporates them.

Instructor: Vrenia Ivonoffski

6.0 Hours Fees: \$108.97

❖ 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: \$185.96

NEW!

❖ CSAC343 Inhabiting the Moment

This course will take you through a series of character development exercises to help you to fully inhabit your characters in mind and body. You will pull inspiration from a piece of writing, develop a character profile and be led through the process of exploring the imaginative reality of the character. Then we will apply this knowledge in improvised scenarios that will allow for further discoveries and creative freedom. Class limit: 10 students

Instructor: Sarah McVie

8.0 Hours Fees: \$161.26

CSAC351 Read Plays: Women Playwrights

Many of the most talented dramatists of the past 50 years have been women. Facilitated by lecture, guided discussion and the occasional in-class writing exercise, we will explore six texts to discover the playwright’s intention and techniques. Plays (in order of presentation): Caryl Churchill’s Top Girls; Young-Jean Lee’s The Shipment; Anne Carson’s Antigone; Carmen Aguirre’s Blue Box; Yasmina Reza’s God of Carnage; Sarah Kane’s Blasted.

No class on May 23
Instructor: Alexander Offord
12.0 Hours Fees: \$184.80

CSAC359 Reading Plays: Modern British Playwrights

An ideal discussion seminar for theatre lovers and students of playwriting, directing, and acting. Contemporary British drama pushed the boundaries of the art to the breaking point. Its subject matter was shocking, its structural approach revolutionary, its sheer audacity and iconoclasm so upsetting that it often invoked legal retribution and long-lasting controversy. We will examine five of the greats: “The Homecoming” (Harold Pinter), “Saved” (Edward Bond), “Rosencrantz And Guildenstern Are Dead” (Tom Stoppard), “Top Girls” (Caryl Churchill) and “The Pillowman” (Martin McDonagh). We will ponder how their innovations proved both dangerous and vital. Please read “The Homecoming” before the first class.

Instructor: Mitchell Cushman
8.0 Hours Fees: \$161.26

❖ CSAC382 Improvisation II: Group Mind

Prerequisite: CSAC 282

This magical workshop will lead you to work as a group with one mind - Group Mind. You will discover how to take the focus and pressure off of yourself and become part of a creative whole. Class limit: 16 students.

Instructor: Jan Luk
12.0 Hours Fees: \$224.81

CSAC415 Adv. Scene Study: Quartets +

You will be cast in group scenes in order to explore how the dynamics of communicating character, objective, and action are intensified when faced with more than one or two acting partners. There will be a performance at a Matinee.

Instructor: Nicole Wilson
21.0 Hours Fees: \$366.61

❖ CSAC427 Directing Seminar II: Blocking

By examining some approaches to staging, we’ll discuss the following: How do we block without blocking actors’ impulses? What makes a good stage picture? How can movement and placement of actors reinforce action, atmosphere, and characterization?

Instructors: Richard Beaune and Vrenia Ivonoffski
5.0 Hours Fees: \$109.47

❖ CSAC452 Creating Audio Drama

Audio drama is having a resurgence via on-line streaming and podcasts. Writing stories meant for listeners is a specialized skill. The instructor, who has written, produced, directed and story-edited over 100 CBC audio dramas, will guide you through the process of creating a 5-minute recording-ready piece. You’ll learn what makes a good audio drama, how to create pictures through sound, adapt existing plays, and get tips on recording with limited technology.

8.0 Hours Fees: \$161.26

❖ CSAC482 Improvisation III: Character

We will focus on building characters emotionally, physically, and intellectually. You will find what works best for you and discover how this helps your improvisation work to become more exciting and creatively rich. Limited to 14 students.

Instructor: Jane Luk
There is no class on Friday, May 20, 2022.

It is recommended that students take CSAC 382 prior to enrolling in this course.

12.0 Hours Fees: \$224.81

❖ CSAC484 Introduction to Melodrama

Melodrama, characterized by high emotionalism and archetypes of villain, victim, and hero, had roots in the late 1700’s, enjoyed a resurgence in the 1930’s and has influenced modern film and soap opera. With exercises and scenes, we’ll trace melodrama’s broad acting styles to open the actor to deeper emotional and physical playing. Playwriting students will find exploration of structure useful for their work with form, building tension, conflict, and characterization.

9.0 Hours Fees: \$174.86

❖ CSAC501 Shaw Festival Preview

These spirited lectures will enrich your theatre-going experience. Lectures on selected plays being offered this season at the Shaw Festival will be spiced with lively anecdotes, readings, short scene presentations, discussions, and background information on authors and theatre history. Enjoy some coffee, tea, and cookies and informal discussion during the half-time break.

Instructor: Alexander Offord
8.0 Hours Fees: \$85.91

❖ CSAC502 Stratford Festival Preview

These spirited lectures will enrich your theatre-going experience. Lectures on selected plays being offered this season at the Stratford Festival will be spiced with lively anecdotes, readings, short scene presentations, discussions, and background information on authors and theatre history. Enjoy some coffee, tea, and cookies and informal discussion during the half-time break.

Instructor: Alexander Offord
8.0 Hours Fees: \$85.91

CSAC526 Directing Lab II: Operative Words

This exercise breaks a play text down into small pieces and encourages performers to choose evocative words directly from the text as a way of keying in to the fundamental ideas and emotions of the play. The goal is to help both director and cast react to a given text on an instinctive level, distilling the play down to its essential ideas.

2.0 Hours Fees: \$43.02

❖ CSAC527 Directing Lab III: Actor Speak

Prerequisite: CSAC 129

We will explore how directors communicate with actors. Discover how to communicate more effectively in a language that helps support the actor’s process. Class limit: 8 students.

3.0 Hours Fees: \$64.51
</course><course><courseNew>yes</courseNew>Non-Credit

CSAC553 Giving Effective Feedback

In our creative work and in life generally, when we have the opportunity to give someone feedback, it can be a challenge to be effective and inspiring. Our first instinct is often to find flaws. Drawing on years of dramaturgical practice and inspired by Liz Lerman’s Critical Response Theory, these sessions will outline ways to provide meaningful, respectful and helpful feedback; and include exercises for participants to put ideas into practice. Class limit: 20

Instructor: Catherine Frid
3.0 Hours Fees: \$64.51

❖ CSAC584 Melodrama Scenes

This course includes background work, period study, and in-depth development of a traditional and modern short play for eventual performance in February.

21.0 Hours Fees: \$216.56

❖ CSAC585 Melodrama Performance

This course will prepare actors for public performance of melodrama works with full production values. There will also be some movement coaching.

24.0 Hours Fees: \$194.21

❖ CSAC651 Dramaturgical Concepts

Prerequisite: CSAC 151

A course for students who already have a draft script completed and desire tools to further develop it. Each week we’ll focus on a different aspect of playwriting to apply to your script: creating an arc for the protagonist; the role of other characters in the play; building effective scenes, the play’s climax, use of dialogue and action (aka not overwriting); and knitting the whole script together. Class limit: 10 students.

Instructor: Catherine Frid
15.0 Hours Fees: \$262.59

❖ CSAC652 Playwriting Clinic

Prerequisite: CSAC 156

This course is for advanced writers who have plays they are working on. Each week we will look at each other’s latest draft and offer guided feedback focusing on more dramatic conflict, sharper dialogue, cutting fat, and building complexity. You will be pushed to be more ambitious and daring with each new draft. Class limit: 6 students.

Instructor: Alexander Offord
Supplementary course readings may also be used. An open mind, generous spirit, and willingness to take constructive criticism are required.
12.0 Hours Fees: \$227.02

NEW!

CSAC710 Storytelling on Zoom

How do you captivate your audience from a computer screen? We will explore the unique opportunities and challenges to creating atmosphere and intimacy on line - two essential ingredients in Storytelling. We’ll also look at story structure, methods, and the uses of storytelling past and present. Working together and using short exercises, we’ll discover new techniques and solutions to working in this medium.

Instructor: Goldie Spencer
10.0 Hours Fees: \$161.26

NEW!

CSAC711 Storytelling on Zoom Practicum

Prerequisite: CSAC 710

Learn to captivate your audience from a computer screen. Each student will work on a 5 - 7 minute short story, myth, or tale. You’ll experiment with enhancements to capture your audience’s attention and imagination. The last class will consist of a live Zoom telling of each person’s story. Class limit: 8 students

14.0 Hours Fees: \$264.84

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: \$219.30

CSAC721 Reading Plays to Direct

Prerequisite: CSAC 127

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.

Class limit: 15.
Instructor: Richard Rose
15.0 Hours Fees: \$262.59

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: Kate Lushington

9.0 Hours Fees: \$174.86

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.

12.0 Hours Fees: \$223.12

❖ 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: \$297.80

❖ 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: \$97.67

Health and Wellness

CSHW100 Walk for Success

Join the Walk for Success course and learn how to transform your lifestyle, strengthen your body, increase your motivation, change your habits, celebrate your successes, and set new goals. Participants in this course can look forward to a much healthier and more improved and balanced lifestyle through sessions led by our motivational and physical training experts.

12.0 Hours Fees: \$273.25

NEW!

CSHW110 Nourishing the Brain for Optimum Health

Join us as we embark on a collective discovery and exploration of all aspects of food as a strategy for optimum health and healing. Explore how diet may affect mental and brain health at every stage of life. This course will help develop an understanding of how specific food ingredients, when synergistically combined, help restore biochemical imbalances due to various stressors and promote mental fortitude, peak cognitive performance, physical energy and stress resilience.

9.0 Hours Fees: \$174.86

❖ CSHW115 Nutritional Intervention for Seasonal Affective Disorder

In this course you will gain an understanding of the common causes and symptoms of Seasonal Affective Disorder (S.A.D.) as it pertains to mental and physical health. Explore how certain foods can affect powerful mood-modifying brain chemicals that help mitigate the often-debilitating symptoms brought on by S.A.D. Learn how to design and implement a mood-boosting personalized dietary strategy to support the brain and the body.

9.0 Hours Fees: \$174.86

NEW!

CSHW120 Supporting Brain Detoxification with Nutrition

This course provides a basic understanding of how the lymphatic system works (a.k.a. the brain’s “waste drainage system”) and the importance of optimizing its function to reduce brain fog, chronic fatigue and the risk of neurodegenerative diseases. Join us as we explore how nutrient-rich foods support natural detoxification for the maintenance of optimum mental and physical health. Learn how to design and implement personalized dietary strategies as part of a supportive natural detox protocol.

9.0 Hours Fees: \$174.86

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.

9.0 Hours Fees: \$174.86

PUBLIC AND NONPROFIT SECTORS

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: \$691.28

🔗 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: \$691.28

🔗 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: \$691.28

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: \$691.28

🔗 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: \$691.28

🔗 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: \$691.28

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 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 and 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: \$586.64

★ 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 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 and 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: \$586.64

★ 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 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 and 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: \$586.64

★ CINP910 Strategic Planning for Nonprofit

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.

Your instructor may also include occasional scheduled sessions for Q and 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: \$586.64

★ 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: \$586.64

★ 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: \$586.64

★ 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: \$586.64

★ 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: \$586.64

★ 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 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 and 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: \$586.64

★ 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.

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 and 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: \$586.64

★ 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.

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 and 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: \$586.64

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: \$638.81

★ 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: \$579.33

☆ CPOG230 Statistics and Social Science

Antirequisite: CPPA 333

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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$569.94

☆ CPOG323 The Politics of International Development

Prerequisite: POG 225 or CPOL 208 or CPOL 540;

Antirequisite: ACS 402

‘Development’ is commonly the framework through which countries of the south are understood, and incorporated into the world capitalist system. This course traces the historical and theoretical evolution of and resistance to the developmental project from post-colonialism to neoliberalism. The course also investigates the complexities of the politics of ‘development’ by examining the ‘south’ in the north; and by tackling the politics of the rise of China, India and Brazil in the global economy.(Global)

39.0 Hours Fees: \$569.94

☆ **CPOG417 Canadian-American Relations**

Prerequisite: POG 210 or (POL 101 and POL 102) or POL 27B or POL 332 or CPPA 120

This course provides a comparative analysis of US and Canadian politics and of international relations between the two countries. To this end, it explores the comparative history and political cultures of the two countries; the institutions of their respective political systems; elections, political parties and voting; regionalism; federalism; public policies; and specific Canadian-American issues like free trade, climate change, national security and the war against terrorism, Arctic sovereignty and other current topics. (Canadian)

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$569.94

☆ **CPOG444 Politics, Media and Technology**

Prerequisite: POG 240

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: \$569.94

☆ **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: \$588.72

☆ **CPOL208 Globalization and World Politics**

Antirequisite: POG 225; *Restriction:* Not available to International Economics and Finance students

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: \$588.72

☆ **CPOL501 Women, Power and Politics**

Antirequisite: POG 442

What is the relationship between 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 examines 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: \$578.28

☆ **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: \$569.94

☆ **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: \$563.69

☆ **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: \$569.94

☆ **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: \$588.72

★ **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.

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 and 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: \$606.46

★ **CPPA102 Cdn Public Administration II: Processes**

Prerequisites: CPPA 101 or PPA 322

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.

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 and 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: \$606.46

★ **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.

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 and 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: \$606.46

★ **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: \$606.46

★ **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.

Your instructor may also include occasional scheduled sessions for Q and 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: \$606.46

★ 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: \$606.46

★ 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.

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 and 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: \$606.46

★ CPPA211 Public Policy

Prerequisite: CPPA 102 or CPPA 120 or POL 102 or POG 210 or COPA 103; Antirequisites: 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: \$606.46

★ 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: \$606.46

★ 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.

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 and 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: \$606.46

★ CPPA303 Financial Management

Prerequisites: CPPA 102 or PPA 422; Antirequisite: CINF 915

This course will provide students with an overview of public sector planning and budgetary processes, the financial management systems within governmental organizations, and mechanisms for ensuring accountability. Changing structures of accountability and the merging of private and public sector budgeting, planning and management principles will be critically evaluated. Students will also be given hands on training in accessing the financial and budgetary information relevant to public and parapublic organizations. (Formerly PPA 600).

39.0 Hours Fees: \$606.46

★ 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: \$606.46

★ CPPA333 Research Methods in Public Administration

Antirequisites: CACS 401, CPOG 230

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: \$606.46

★ CPPA335 Theories of Bureaucracy

Prerequisites: CPPA 102 or PPA 422

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: \$606.46

★ CPPA401 Collaborative Governance

Prerequisites: CPPA 102 or PPA 422 or POG 210; Antirequisite: PPA 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: \$606.46

★ CPPA402 Program Planning and Evaluation

Prerequisites: CPPA 102 or PPA 422; Antirequisites: INT 900, SWP 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: \$606.46

★ CPPA403 e-Government

Prerequisite: CPPA 102 or PPA 422 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, Nenita Ponce de Leon Elphick, at elphick@ryerson.ca for more information.

39.0 Hours Fees: \$606.46

★ CPPA404 Issues in Public Administration

Prerequisites: CPPA 102 or PPA 422; Antirequisite: PPA 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: \$606.46

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: \$606.46

★ CPPA414 Comparative Public Policy

Prerequisite: POG 214 or POG 314 or CPPA 211 or PPA 623; 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: \$606.46

★ CPPA425 Intergovernmental Relations

Prerequisite: CPPA 102 or PPA 422 or (CPOG 110 and POG 210) or POL 332 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 Minster’s Conference simulation. (Formerly PPA 650).

39.0 Hours Fees: \$606.46

★ CPPA501 Public Sector Leadership

Prerequisites: CPPA 211andCPPA 404; Antirequisites: CINF 913, CMHR 640

This course will offer an overview of literature in public sector leadership in a comparative context (Canadian, other Westminster systems, republican regimes), and include the opportunity to hear and meet public sector leaders who have experienced leadership first-hand. The capstone assignment will focus on leadership in a chosen field of inquiry. Designed for students in the post-baccalaureate Certificate in Public Administration and Leadership, this course should be attempted by undergraduate students only upon completion of all undergraduate program courses.

39.0 Hours Fees: \$606.46

SOCIAL SCIENCES AND HUMANITIES

Caribbean Studies

★ **CCRB100 Introduction to the Caribbean**

Antirequisite: SYC 183; Restriction: Not available to International Economics and Finance students

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 and 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: \$569.94

★ **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 and 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: \$569.94

★ **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 ryerson.ca/ce/caribbean.

39.0 Hours Fees: \$569.94

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: \$588.72

☆ **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: \$588.72

★ **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: \$588.72

★ **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: \$588.72

★ **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: \$569.94

★ **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: \$569.94

☆ **CCRM515 Gendering Justice**

Antirequisite: CRM 205

This course draws on feminist theoretical frameworks to explore gendered experiences of Canadian law and the criminal justice system. Students will be introduced to the relationship between gender and the law through a consideration of feminist scholarship on family law, criminal law, poverty law, employment law, and more. The course will advance an intersectional approach that examines how the law structures and is structured by social contexts and socio-demographics, including race, class, and sexuality.

39.0 Hours Fees: \$569.94

☆ **CCRM601 Violence in Society**

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: \$569.94

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: \$588.72

☆ 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: \$588.72

★ 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: \$588.72

★ 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 and 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: \$588.72

☆ 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: \$588.72

★ CENG203 The Literature of Indigenous Peoples

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: \$588.72

☆ CENG212 Cultures in Crisis

Restriction: This course is not available for credit to students in BA English, ACS English Option, English-Philosophy and English-History double major programs

Using novels, short stories, films and other media, this course focuses on significant challenges faced by, and changes initiated in, a wide range of cultures. From the perspectives of gender, race, ethnicity, sexual orientation, ability, mobility, and ongoing negotiations of identity within multicultural and im/migrant communities, course materials illuminate the complex nature of modern experience and draw attention to the important questions and concerns cultures have faced and continue to face.

39.0 Hours Fees: \$588.72

★ 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 and 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: \$581.42

☆ 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: \$581.42

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: \$588.72

★ 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: \$569.94

★ 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: \$579.33

★ 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: \$563.69

★ 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: \$569.94

☆ 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: \$569.94

★ 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: \$569.94

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: \$569.94

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: \$635.67

★ 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: \$635.67

☆ 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: \$635.67

☆ 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: \$612.72

☆ 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 and 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: \$612.72

☆ 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: \$612.72

☆ 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: \$612.72

★ 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 and 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: \$520.90

☆ 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: \$569.94

☆ 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 and 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: \$569.94

☆ CHST504 War to War: World Conflict 1900-45

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 and 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: \$569.94

☆ **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: \$569.94

☆ **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 and 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: \$563.69

☆ **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: \$606.46

☆ **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 633.

39.0 Hours Fees: \$563.69

☆ **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 and 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: \$569.94

★ **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: \$569.94

☆ **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: \$569.94

☆ **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 and 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: \$569.94

☆ **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 and 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: \$563.69

☆ **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: \$569.94

☆ **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: \$569.94

☆ **CHST702 The First World War**

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: \$569.94

☆ **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: \$569.94

☆ **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: \$606.46

☆ **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: \$569.94

☆ **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: \$606.46

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: \$588.72

★ 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$584.55

★ 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.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$588.72

☆ 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: \$588.72

★ 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: \$569.94

★ 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: \$569.94

★ 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: \$569.94

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: \$569.94

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: \$588.72

☆ 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. PHL 110 is not available for credit to students who choose PHL 610.

39.0 Hours Fees: \$588.72

☆ 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: \$577.24

★ 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: \$588.72

☆ 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 and 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: \$588.72

★ 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 and 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: \$575.16

☆ 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: \$578.28

★ CPHL307 Business Ethics

Antirequisites: 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: \$569.94

★ 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: \$569.94

★ 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: \$569.94

★ CPHL400 Human Rights and Justice

This course aims to provide the philosophical background and conceptual tools which would enable students to recognize and handle complex contemporary issues and conflicts involving human rights. Topics include: classic and contemporary theories of rights and justice; equity and affirmative action; children’s rights; gender, sexual orientation and equality rights; aboriginal, language and cultural rights: human rights and cultural relativism. The course will combine lectures and discussion of selected philosophical readings and case studies.

39.0 Hours Fees: \$569.94

☆ 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: \$578.28

★ 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: \$563.69

☆ 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: \$569.94

★ 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 and 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: \$563.69

☆ 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 and 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: \$569.94

☆ 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: \$569.94

★ 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: \$569.94

☆ 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: \$569.94

☆ 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 and 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: \$569.94

☆ 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: \$569.94

★ 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 and 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: \$569.94

☆ **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: \$569.94

☆ **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: \$569.94

Psychology

CDEL250 Responsive Leadership: Psychoanalytic Perspectives

Leading effectively requires sustained self-awareness and the capacity to engage in the emotional life of ourselves, our team members and organizational life as a whole. It also requires addressing the effects of structural discrimination in the workplace. This course provides leaders with hands-on experience in recognizing the psychological aspects of their work and, through psychoanalytic models, helps them address what is frequently unseen and denied in themselves, in their teams, and across their organizations.

21.0 Hours Fees: \$791.00

★ **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: \$588.72

★ **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: \$588.72

★ **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: \$588.72

★ **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: \$569.94

★ **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 and 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: \$569.94

★ **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: \$578.28

★ **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: \$578.28

★ **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: \$569.94

★ **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 and 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: \$569.94

★ **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: \$569.94

★ **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: \$569.94

★ **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: \$569.94

★ 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: \$563.69

★ 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: \$569.94

★ 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: \$569.94

★ 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: \$569.94

★ 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: \$563.69

★ 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 and 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: \$569.94

NEW!

★ CPSY612 Independent Study

Prerequisite: CPSY 411 and Department Consent

This course is an opportunity for students 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 Brian Rabinowicz, Academic Coordinator (at brabinow@ryerson.ca or 416-979-5000, ext. 6195) 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: \$569.94

★ 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 and 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: \$569.94

★ 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: \$569.94

★ CPSY682 Sleep

Prerequisites: CPSY 105orCPSY 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: \$569.94

★ CPSY706 Personal Growth and Positive Psychology

Prerequisite: CPSY 105orCPSY 102

This course focuses on growth and well-being. The first part of the course will examine different models of what is meant by growth and well-being, including the Jungian psychoanalytic, humanistic psychology and existential psychology perspectives, as well as those of Native Peoples, Yoga/Hinduism, Buddhism and Zen Buddhism. The remainder of the course will survey positive psychology's empirical findings on factors that contribute to growth and well-being (e.g., optimism, hope, meaning-making, self-esteem).

39.0 Hours Fees: \$563.69

★ CPSY707 Models of Stress and Adaptation

Prerequisite: CPSY 105orCPSY 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: \$569.94

★ 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: \$569.94

★ CPSY805 Adjustment, Stress and Coping

Prerequisite: CPSY 105orCPSY 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: \$569.94

★ CPSY808 Community Psychology

Prerequisite: CPSY 105orCPSY 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: \$563.69

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: \$588.72

Social Science and Humanities

✧ CPH200 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@ryerson.ca prior to enrolling.

39.0 Hours Fees: \$850.43

★ 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: \$579.33

★ 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: \$579.33

★ 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: \$579.33

★ 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: \$579.33

☆ 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.

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

39.0 Hours Fees: \$579.33

Sociology

☆ CSOC103 How Society Works

Antirequisites: CSOC 104, CSOC 105, SOC 11 A/B, SOC 111, SOC 112; Not available to students in the following programs: Child and Youth Care, Early Childhood Studies, 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 and 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: \$588.72

☆ 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: \$588.72

★ 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: \$638.81

☆ **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 and 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: \$588.72

☆ **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: \$588.72

★ **CSOC502 Violence and the Family**

Prerequisite: SOC 11B or CSOC 103orCSOC 104orCSOC 105orCSOC 107or 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 and 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: \$569.94

☆ **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: \$569.94

☆ **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.

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: \$569.94

☆ **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: \$569.94

☆ **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: \$569.94

☆ **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: \$569.94

★ **CSOC608 Women, Power and Change**

Prerequisite: SOC 11B or CSOC 103orCSOC 104orCSOC 105or SOC 111 orDirect Entry; Antirequisite: SOC 28 A/B

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: \$569.94

☆ **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: \$569.94

★ **CSOC705 Law and Justice**

In our highly regulated society, law has become an increasingly significant element. The course analyses the nature and functions of law in society, how law influences social behaviours, and how social values and actions shape law. The degree to which justice is served by law is a central question. The course focuses primarily on Canadian law but comparative materials are also used.

39.0 Hours

Fees: \$569.94

★ **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 and 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: \$569.94

☆ **CSOC880 Information Technology and Society**

Antirequisite: COCR 941

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.

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39.0 Hours

Fees: \$569.94

☆ **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.

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39.0 Hours

Fees: \$569.94

Spanish Studies

☆ CSPN802 Spanish for Business Strategies

Prerequisite: CSPN 515 or placement test required
(www.ryerson.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 an interview/placement assessment before enrolling in this course.

39.0 Hours Fees: \$516.73

★ 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: \$569.94

Spanning the Gaps

CYSG110 Academic Preparation

Students will gain practice writing university-level essays, generate ideas using critical-thinking skills, utilize time management techniques to meet deadlines, and learn to properly tailor learning based on their individual learning styles. This interactive workshop will provide a comprehensive set of skills for success in a post-secondary environment. It is presented in an engaging classroom environment and will provide students with a comprehensive group of skills to become self-directed learners.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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.

27.0 Hours Fees: \$273.61

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: \$229.45

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: \$701.12

🔗 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: \$842.80

🔗 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: \$842.80

🔗 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: \$842.80

🔗 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: \$842.80

🔗 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: \$842.80

🔗 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: \$407.22

🔗 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: \$407.22

🔗 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: \$407.22

🔄 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: \$407.22

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: \$616.90

☆ CPLE825 Planning Design and Technology

This course introduces students to principles and concepts pertinent to developing geographic information systems (GIS) and to utilizing those systems in a variety of urban planning projects. Students will develop or update their working knowledge of GIS software and will apply it to an individual project. By the completion of the course students will be able to assess the suitability of technology such as GIS to support planning tasks.

39.0 Hours Fees: \$616.90

☆ 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@ryerson.ca for more information.

This course includes on-campus section(s) for the Spring/Summer 2022 term. 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: \$586.64

☆ 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: \$582.47

★ 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 and 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: \$616.90

❖ 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: \$1260.81

🔄 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: \$796.33

🔄 CVUP160 Capstone Project in LED

Prerequisite: (PLE 745 orCPLE 795) and (CPLE 845orCPLE 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: \$796.33

Sustainability Management

🔄 CKSS100 Fundamentals in Sustainability I

This course provides conceptual, theoretical, historical, and practical frameworks for understanding how society addresses sustainability issues. Through an international lens, it facilitates the development of systems-thinking skills based on an integrated, multifaceted, and interdisciplinary approach to ethical, economic, political, social, and legal aspects of societal decision-making concerning sustainability issues. Its purpose is to provide an integrated and holistic understanding of the social-economic-environmental context underlying local and global sustainability decision-making in the public, private, and NGO sectors.

39.0 Hours Fees: \$1018.48

🔄 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: \$1018.48

🔄 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: \$1018.48

🔄 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: \$1018.48