



Certificate in Management

Increase Your Opportunities for Advancement by Completing a McGill Certificate in Management

Whether you are a young adult starting a new career or a well-established manager, the work force is becoming better educated and more sophisticated, making jobs more and more competitive. The demand for workers with specialized university degrees or other formal education is skyrocketing.

In the private and the public sector, the management of daily operations is an essential part of any successful organization. The study of management will allow you to develop core competencies such as accounting, economics, marketing and finance which will prepare you for a career in a large corporation, a private company, a small business, a financial institution, a government agency or other public institution.

Whether encouraged by your employer or whether you are self-motivated, the program you choose can increase your opportunities for advancement and lead to a rewarding and challenging career

A McGill Certificate in Management will give you that leading edge and pave the way to a number of career opportunities. The completion of this Certificate with the appropriate electives satisfies most of the requirements for the Canadian Institute of Management (C.I.M.).

How Can a McGill Program Prepare You for a Career in Management?

- Our program will prepare you for positions in general management and set the stage for further management education.
- You will gain knowledge of the basic theories and concepts in both the underlying disciplines and the functional areas of management
- You will develop your ability to identify, define, analyze and solve business problems
- You will improve your effectiveness in evaluating and dealing with people

Please note: This program is effective as of Fall 2011. If you were admitted prior to Fall 2011, please follow the study plan which you have been given.

The Program

The Certificate in Management (General) is a 30-credit program which consists of 2 co-requisites, 6 required courses and 4 complementary courses.

Classes are offered once a week for 13 weeks and are generally from 6 p.m. to 9 p.m. Courses can be taken in the Fall, Winter, Spring and Summer sessions. Classes in the Spring and Summer sessions may be given in less than 13 weeks. Not all courses are offered every semester.

N.B. 1: CMSC 000 is an external pre-requisite to the program. CMSC 000 is a pre-requisite to CMSC 101 and must be completed before CMSC 101 can be taken. Students may apply for Advanced standing at the time of admission or they may take an Exemption by Examination Test².

The certificate's program requirements are:

Co-requisites¹:

- ▼ CCOM 205 Communication in Management 1 (or the Exemption by Examination Test²)
- CMSC 101 College Algebra and Functions (or the Exemption by Examination Test²)

6 Required courses (24 credits):

- ▼ MGCR 211 Introduction to Financial Accounting
- ▼ MGCR 222 Introduction to Organizational Behavior
- MGCR 273 Introductory Management Statistics
- MGCR 293 Managerial Economics
- MGCR 341 Introduction to Finance
- ▼ MGCR 352 Marketing Management 1

4 Complementary Course (12 credits):

1 - 2 Complementary course(s) from the following (3 or 6 credits):

- BUSA 464 Management of Small Enterprises
- ▼ MGCR 423 Strategic Management

2 – 3 Complementary courses from the following (6 or 9 credits):

- ▼ ACCT 361 Intermediate Management Accounting
- ▼ BUSA 364 Business Law 1
- BUSA 368 Business Law 2
- CGMG 210 Fundamentals of Project Management
- ▼ CGMG 282 Introduction to Business
- ECON 295 Macroeconomic Policy
- FINE 342* Corporate Finance
- ▼ FINE 343* Managerial Finance
- FINE 443 Applied Corporate Finance
- MGCR 331 Information Systems
- MGCR 360 Social Context of Business
- MGCR 382 International Business
- ▼ MGCR 472 Operations Management
- MGPO 450 Ethics in Management
- MGSC 373 Operations Research 1
- ORGB 420 Managing Organizational Teams
- ORGB 423 Human Resources Management

▼ Requirement for the C.I.M.

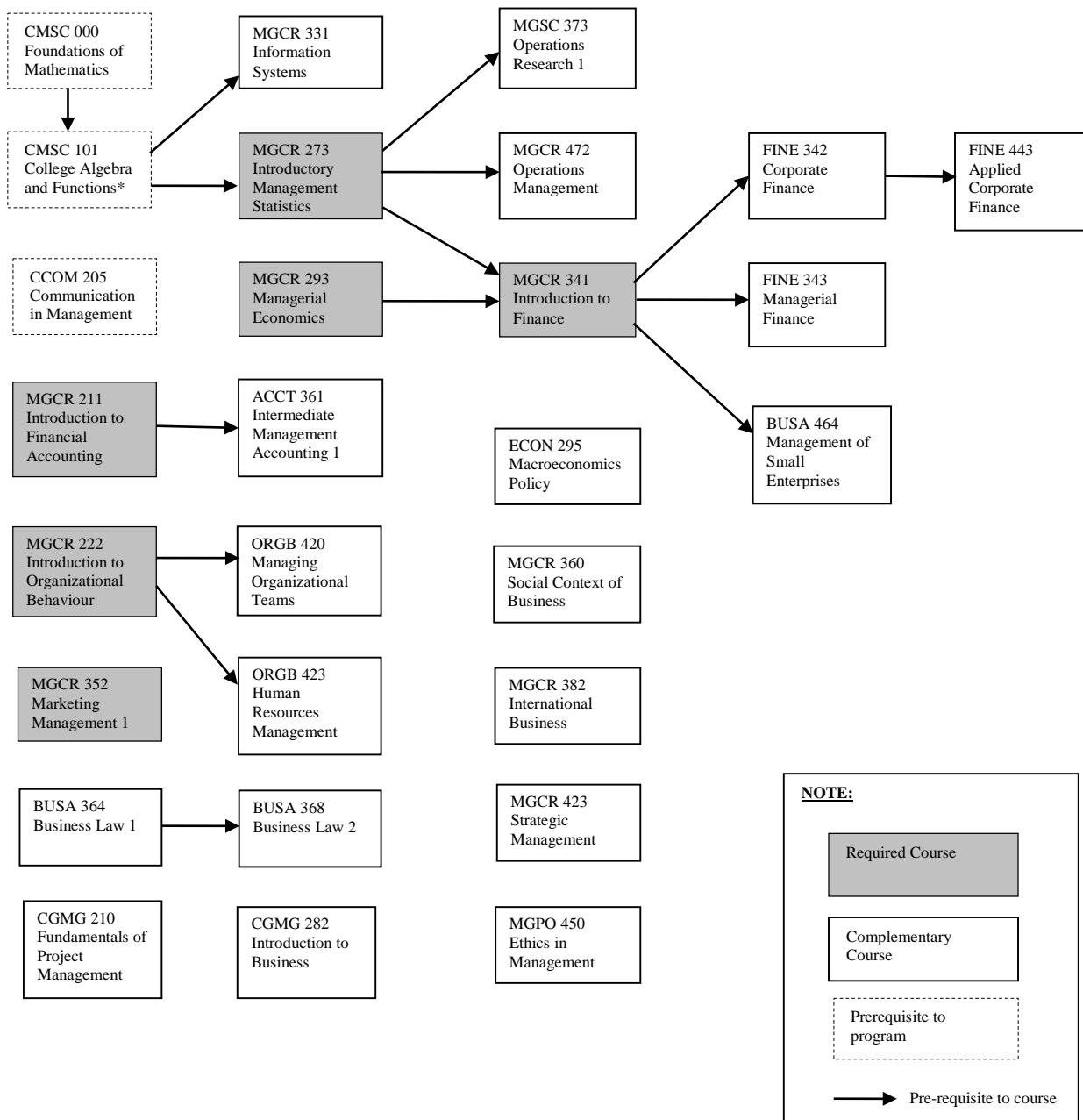
*Only one of these courses may be taken for credit in the Certificate in Management program.

¹ Co-requisite: This refers to academic course requirements that must be completed in the first semester.

² For more information on how to obtain course exemption by the means of a challenge exam, please consult the Exemption by Examination Form available on our website at: <http://www.mcgill.ca/continuingstudies/prospective-students/apply/exemption-examination>

Course Sequence

Certificate in Management



To obtain information on course offerings, please refer to the interactive timetable at https://cee.mcgill.ca/timetable/D_MGCE_GNL.htm

Course Descriptions

ACCT 361 Intermediate Management Accounting 1 (3 credits)

Pre-requisite: MGCR 211 Introduction to Financial Accounting or the Exemption by Examination Test

The role of management accounting information to support internal management decisions and to provide performance incentives.

BUSA 364 Business Law 1 (3 credits)

Pre-requisites: None

An introduction to the legal system and basic legal principles affecting business. Tort negligence, contracts, forms of business organization, creditors' rights and bankruptcy.

BUSA 368 Business Law 2 (3 credits)

Pre-requisite: BUSA 364 Business Law 1

An outline of the application of law to professional negligence, product liability, competition, corporate governance and employment. Review of particular contracts; sale, agency, mortgages, lease, insurance.

BUSA 464 Management of Small Enterprises (3 credits)

Pre-requisites: MGCR 341 Introduction to Finance

The distinctive characteristics, risks, opportunities and rewards inherent in the ownership and management of a small enterprise. It will assist students in judging the appropriateness of an entrepreneurial career and in selecting and timing a specific venture.

CCOM 205 Communication in Management 1 (3 credits)

Pre-requisites: None

Written and oral communication in Management (in English): emphasis on strategies for identifying, analyzing and solving writing and speaking problems. Course work based on academic and professional communication in management.

CGMG 210 Fundamentals of Project Management (3 credits)

Pre-requisite: None

Fundamental principles and best practices of project management is essential to the successful development of projects or other complex undertakings within an organization; includes methods for defining, planning, and scheduling activities and resources.

CGMG 282 Introduction to Business (3 credits)

Pre-requisites: None

A broad introduction to business based on the functional areas: accounting, finance, human resources management, industrial relations, marketing, production, and general management. For each area lectures introduce basic concepts, which students apply to cases that depict the complexity of decision-making in the business world.

CMSC 000 Foundations of Mathematics (12 CE units)

Pre-requisites: None

Operations with real numbers, polynomials, first-degree equations and applied word problems. Factoring, fractions, exponents, roots and radicals. Absolute values, equations and inequalities. Quadratic equations, applied problems, arithmetic and geometric sequences and series.

CMSC 101 College Algebra and Functions**(3 credits)**

Pre-requisites: CMSC 000 Foundations of Mathematics or Exemption by Examination Test

Linear and quadratic functions, exponential and logarithmic functions, applications. Sequences and series, mathematics of finance. Permutations and combinations. Introduction to probability. Matrices and systems of linear equations.

ECON 295 Macroeconomics Policy**(3 credits)**

Pre-requisites: None

This applied macroeconomics course focuses on current and recurrent macroeconomic issues important in understanding the public policy environment in which firms make their decisions. Topics include national accounts; national income determination; economic growth and fluctuations; money, monetary policy and financial markets; international trade and finance.

FINE 342 Corporate Finance**(3 credits)**

Pre-requisites: MGCR 341 Introduction to Finance

In depth study of corporate finance, risk, diversification, portfolio analysis, and capital market theory.

FINE 343 Managerial Finance**(3 credits)**

Pre-requisites: MGCR 341 Introduction to Finance

A second course in Finance for students not pursuing the Finance Concentration. Topics include short and long term asset and liability management, risk and diversification, and the nature of capital markets. Cases, lectures, projects and discussions.

FINE 443 Applied Corporate Finance**(3 credits)**

Pre-requisites: FINE 342 Corporate Finance

Concepts and techniques are applied to problems faced by managers in Corporate Finance, such as working capital management, capital budgeting, capital structure, dividend policy, cost of capital, and mergers and acquisition. Application of theory and techniques through case studies.

MGCR 211 Introduction to Financial Accounting**(3 credits)**

Pre-requisites: None

The role of financial accounting in the reporting of the financial performance of a business. The principles, components and uses of financial accounting and reporting from a user's perspective, including the recording of accounting transactions and events, the examination of the elements of financial statements, the preparation of financial statements and the analysis of financial results.

MGCR 222 Introduction to Organizational Behaviour**(3 credits)**

Pre-requisites: None

Individual motivation and communication style; group dynamics as related to problem solving and decision making, leadership style, work structuring and the larger environment. Interdependence of individual, group and organization task and structure.

MGCR 273 Introductory Management Statistics**(3 credits)**

Pre-requisite: CMSC 101 College Algebra and Functions or Exemption by Examination Test

Descriptive statistics, probability, random variables, binomial, poisson, normal distributions, sampling distribution of the mean, estimation, hypothesis testing, analysis of variance, tests of goodness of fit, simple linear regression, non-parametric statistics. Use of computer statistics package (no computer background needed). Application to problems in business and management.

MGCR 293 Managerial Economics**(3 credits)**

Pre-requisites: None

The course focuses on the application of economic theory to management problems and the economic foundations of marketing, finance, and production. Attention is given to the following topics: price and cost analysis; demand and supply analysis, conditions of competition.

MGCR 331 Information Systems**(3 credits)**

Pre-requisite: CMSC 101 College Algebra or Exemption by Examination Test

Introduction to principles and concepts of information systems in organizations. Topics include information technology, transaction processing systems, decision support systems, database and systems development. Students are required to have background preparation on basic micro computer skills including spreadsheet and word-processing.

MGCR 341 Introduction to Finance**(3 credits)**

Pre-requisites: MGCR 271 Business Statistics or MGCR 273 Introductory Management Statistics

An introduction to the principles, issues, and institutions of Finance. Topics include valuation, risk, capital investment, financial structure, cost of capital, working capital management, financial markets, and securities.

MGCR 352 Marketing Management 1**(3 Credits)**

Pre-requisites: None

Introduction to marketing principles, focusing on problem solving and decision making. Topics include: the marketing concept; marketing strategies; buyer behavior; Canadian demographics; internal and external constraints; product; promotion; distribution; price. Lectures, text material and case studies.

MGCR 360 Social Context of Business**(3 credits)**

Pre-requisites: None

This course examines how business interacts with the larger society. It explores the development of modern capitalist society, and the dilemmas that organizations face in acting in a socially responsible manner. Students will examine these issues with reference to sustainable development, business ethics, globalization and developing countries, and political activity.

MGCR 382 International Business**(3 credits)**

Pre-requisites: None

An introduction to the world of international business. Economic foundations of international trade and investment. The international trade, finance, and regulatory frameworks. Relations between international companies and nation-states, including costs and benefits of foreign investment and alternative controls and responses. Effects of local environmental characteristics on the operations of multi-national enterprises.

MGCR 423 Strategic Management**(3 credits)**Pre-requisites: Advanced Student³

Focus on the primary functions of general management: the formation of a corporate strategy that relates the company's opportunities to its resources, competence, and leadership style. Measures to improve organization effectiveness.

³ Advanced Student: Open to students who have completed 4 or more required courses in the certificate program.

MGCR 472 Operations Management**(3 credits)**

Pre-requisite: MGCR 271 Business Statistics or MGCR 273 Introduction to Business Statistics

Design, planning, establishment, control, and improvement of the activities/processes that create a firm's final products and/or services. The interaction of operations with other business areas will also be discussed. Topics include forecasting, product and process design, waiting lines, capacity planning, inventory management and total quality management.

MGPO 450 Ethics in Management**(3 credits)**

Pre-requisites: Advanced Student

An examination of the economic, legal and ethical responsibilities of managers in both private and public organizations. Through readings, case studies, discussions and projects the class evaluates alternative ethical systems and norms of behaviour and draws conclusions as to the right, proper and first decisions and actions in the face of moral dilemmas. The focus of this course is on the decision process, values and consistency of values of the individual and on the impact of systems control and incentives on managerial morality.

MGSC 373 Operations Research 1**(3 credits)**

Pre-requisite: MGCR 273 Introductory Management Statistics

A realistic experience of analytical models which have been successfully applied in several areas of managerial decision-making like marketing, finance and IS. Emphasis on the formulation of problems, their solution approaches, limitations, underlying assumptions and practical use. Topics include: decision analysis, project management, simulation, linear and integer programming, sensitivity analysis.

ORGB 420 Managing Organizational Teams**(3 credits)**

Pre-requisites: MGCR 222 Introduction to Organizational Behavior

Theory, research, and applications. Principles of team processes and effectiveness in organizational settings, specifically the theoretical developments and empirical findings of group dynamics and team effectiveness, and practical strategies and skills for successful management of organizational teams.

ORGB 423 Human Resources Management**(3 credits)**

Pre-requisite: MGCR 222 Introduction to Organizational Behaviour

Issues involved in personnel administration. Topics include: human resource planning, job analysis, recruitment and selection, training and development, performance appraisal, organization development and change, issues in compensation and benefits, and labour-management relations.

Admission Requirements

To be admitted to an Undergraduate Certificate in Management:

- Applicants must hold a CEGEP diploma (DCS, DEC or equivalent) OR
- Applicants who do not have the normal academic background for admission but are 21 years of age and older may be admitted as mature students OR
- Applicants between 18 and 21 years of age who do not have a CEGEP diploma but have at least a high school leaving certificate may be accepted into a qualifying program (a copy of the certificate must be provided).

Admission Procedures

To Apply to the *Certificate in Management* Online Please Follow The Steps Listed Below:

Please follow the steps below:

STEP 1:

- Go to <http://www.mcgill.ca/continuingstudies/>
Click on “Apply”
Click on “Undergraduate Programs”

STEP 2:

Verify on the “**Apply for Admission to a Program**” page, the “Application Deadlines” for Canadian/Permanent Residents or International Students to ensure that you submit your application before the term deadline.

STEP 3:

- **Review your Admission Requirements:** Once you have checked your application against all the requirements, you will be ready to apply to the program.
- Before you proceed you will need:
A valid **email address** and a **credit card** (Visa, MasterCard or American Express).

STEP 4:

- Once you are ready to apply online:
Click on “**Click here now**” to bring you to the Application for Admission page.
- Click on the red bold “**Apply Now**” on the Application for Admission page.
(Do **not** apply through “uApply” link).
- Fill in the login information on the “Admissions Login” page and the Biographical Information.
- On the “Apply for Admission” page, fill in the information requested.
NOTE: When asked: “What are you applying for at McGill”, click on “Continuing Studies”
- Select the program you are applying to on the “Program Choice Selection” page.
- Continue to fill in the remainder of the application. (All sections to be completed are indicated in the textbox on the left hand side of the screen).

STEP 5:

- Once you have applied online, you will receive a confirmation email providing you with a McGill ID number and a 6-character **PIN (Personal Identification Number)**.
- You will need to use this information to **log into MINERVA** (www.mcgill.ca/minerva) (McGill’s web-based information system for students) so that you can upload documents required for admission and follow-up on your status of your application.

STEP 6:

- Please refer to the website for additional information.
www.mcgill.ca/continuingstudies

Language Requirements

- The **language of instruction** for most courses and programs at McGill is English; however, students may submit any written work that is to be graded in English or French, except in cases where knowledge of the language is one of the objectives of the course.
- Applicants must demonstrate an adequate level of **proficiency in English prior to admission**, regardless of citizenship status or country of origin. McGill University has this language requirement in place to ensure that all students are provided with the opportunity to succeed in their chosen program.
- In all cases, the University reserves the right to require **proof of English** proficiency if it is deemed necessary. For additional information, please click on the link below.

<http://www.mcgill.ca/continuingstudies/current-students/academic-policies/language-policy>

Exemption by Examination

Students admitted to a Certificate, Graduate Certificate or Diploma program requiring a pre-requisite or co-requisite course, must provide proof that they have taken an equivalent 3 credit course, at the appropriate level elsewhere or successfully completed the Exemption by Examination test. Otherwise the student must register for the course.

- Please note that the Exemption by Examination test is **not applicable to required or complementary course(s)** within a program.
- You cannot take the Exemption by Examination test if you have already attempted the course (a grade of W is considered as have attempted the course).
- If you are unsuccessful in the Exemption by Examination test(s) you will not be permitted to repeat the test(s) and must instead enroll in the course(s) for which the particular test(s) was taken.

You must be admitted into a program or have applied to a program to be eligible to write the Exemption by Examination test. (The test is optional).

For more information on how to obtain a course exemption by means of a challenge exam, please consult the Exemption by Examination form available on our website at:

<http://www.mcgill.ca/continuingstudies/prospective-students/apply/exemption-examination>

Student Awards and Financial Aid

Note: The amount and number of McGill University's School of Continuing Studies Bursaries, Scholarships, and Graduating Prizes issued varies from year to year, depending on funds received and their specifications.

McGill University's School of Continuing Studies Bursaries

The School of Continuing Studies will post the application form and eligibility requirements for the active term on its website. Please refer to link below for further information.

<http://www.mcgill.ca/continuingstudies/current-students/fees/student-awards-and-financial-aid>

McGill University's School of Continuing Studies Scholarships

For a list of McGill Scholarships, please consult the McGill School of Continuing Studies website by clicking on the link below.

<http://www.mcgill.ca/continuingstudies/current-students/fees/student-awards-and-financial-aid>

McGill University's School of Continuing Studies Graduating Prizes

For a list of McGill SCS Graduating Prizes, please consult the McGill School of Continuing Studies website by clicking on the link below.

<http://www.mcgill.ca/continuingstudies/current-students/graduating-students/awards>