

Area of Interest: Business

## Business Administration - Accounting

Ontario College Advanced Diploma

Program Code: 0216A01FWO

3 Years

Ottawa Campus

### Our Program

#### **Specialize with a challenging and rewarding career in accounting.**

Earn a flexible diploma that shows you are aware of all areas of business, and that you also have specialized education in accounting.

Accounting is one of seven majors available to Business Administration students. This three-year Ontario College Advanced Diploma program starts with three semesters, learning a variety of essential business skills, before ultimately deciding on a major.

The program prepares you for a challenging and rewarding career in the accounting industry. Accounting is often referred to as the backbone of business - businesses need skilled accountants to monitor financial accounts in order to operate effectively and efficiently.

This program enables you to provide businesses with the complete and accurate financial picture they need to thrive.

Study all major areas of accounting including:

- financial accounting
- managerial accounting
- taxation
- financial management

Practise recording financial transactions, preparing/presenting financial statements, reports and other documents, and using current accounting software.

- accounting assistant
- accounting associate
- accounting clerk
- junior financial analyst
- junior staff accountant

There are opportunities in a variety of work environments, including:

- accounting firms
- small and medium-sized businesses
- service organizations
- government departments
- financial institutions

Students considering a professional accounting designation are advised to make inquiries with the Chartered Professional Accounts of Ontario (CPA Ontario).

- Have strong numeracy skills and can apply, interpret and communicate mathematical information.
- Possess critical-thinking skills.
- Enjoy solving (business) problems.
- Are detail-oriented, organized and committed to achieving excellence in their work.
- Enjoy working in an office environment.

## Employment

Graduates may find employment in both the public and private sectors as an accounting assistant; accounting associate; accounting clerk; junior financial analyst and junior staff accountant.

## Learning Outcomes

The graduate has reliably demonstrated the ability to:

- Record financial transactions in compliance with Canadian Generally Accepted Accounting Principles for sole proprietorships, partnerships, private enterprises, publicly accountable enterprises and non-profit organizations.
- Prepare and present financial statements, reports and other documents in compliance with Canadian Generally Accepted Accounting Principles for sole proprietorships, partnerships and private enterprises.
- Contribute to strategic decision-making by applying advanced management accounting concepts.
- Prepare individuals` and Canadian-controlled private corporations` income tax returns and individuals` basic tax planning in compliance with relevant legislation and regulations.
- Analyze and evaluate organizational structures and the interdependence of functional areas, and contribute to the development of strategies which positively impact financial performance.
- Analyze and evaluate, within a Canadian context, the impact of economic variables, legislation, ethics, technological advances and the environment on an organization`s operations.
- Analyze and evaluate an organization`s internal control system, taking risk management into account.
- Contribute to strategic decision-making by applying advanced financial management concepts.
- Co-ordinate the planning, implementation, management and evaluation of team projects by applying project management principles.
- Identify and apply discipline-specific practices that contribute to the local and global community through social responsibility, economic commitment and environmental stewardship.

## Program of Study

Level: 01	Courses	Hours
BUS2301	Business Computer Applications	42.0
ECO2305	Microeconomics	42.0
ENL1813B	Communications I	42.0

LAW1702	Business Law	42.0
MGT2319	Skills for Academic and Business Success	42.0
QUA0002	Business Mathematics	42.0
<b>Level: 02</b>	<b>Courses</b>	<b>Hours</b>
ACC2310	Accounting Concepts I	42.0
BUS2303	Database and Advanced Excel Concepts	42.0
ECO2306	Macroeconomics	42.0
ENL1823B	Communications II	42.0
MGT2328	Introduction to Management Fundamentals	42.0
QUA0003	Quantitative Methods I	42.0
<b>Level: 03</b>	<b>Courses</b>	<b>Hours</b>
ACC2313	Accounting Concepts II	42.0
BAI2300	Global Business Environment	42.0
FIN2303	Introduction to Finance	42.0
MGT2320	Material and Operations Management	42.0
MGT2381	Human Resources Management	42.0
MKT2317	Marketing	42.0
<b>Level: 04</b>	<b>Courses</b>	<b>Hours</b>
ACC2341	Financial Accounting	84.0
ACC2343	Spreadsheet Applications	56.0
ENL1829	The Art of Oratory	42.0
FIN2304	Business Finance	42.0
QUA2343	Quantitative Methods II	42.0
<b>Level: 05</b>	<b>Courses</b>	<b>Hours</b>
ACC2344	Taxation	56.0
ACC2353	Intermediate Financial Accounting I	84.0
ACC2354	Managerial Accounting I	56.0
ACC2385	Accounting Software Applications	56.0
<b>English General Education Elective: choose 1</b>	<b>Courses</b>	<b>Hours</b>
ENL1725	Canadian Identity	42.0
ENL1726	Symbols, Text and Meaning	42.0
ENL1798	Contemporary Canadian Issues	42.0

ENL1825	Communication Dynamics	42.0
<b>Level: 06</b>	<b>Courses</b>	<b>Hours</b>
ACC2355	Managerial Accounting II	56.0
ACC2363	Intermediate Financial Accounting II	84.0
ACC2367	Business Strategies	56.0
ACC2368	Accounting Capstone Studies	56.0
<b>Choose one from equivalencies:</b>	<b>Courses</b>	<b>Hours</b>
GED0216	General Education Elective	42.0
<b>Approved Other Electives</b>	<b>Courses</b>	<b>Hours</b>
MGT1000	Approved Course - Other Program or Major	56.0
MGT1001	Approved Course - Other Program or Major	56.0

### Fees for the 2023/2024 Academic Year

Tuition and related ancillary fees for this program can be viewed by using the Tuition and Fees Estimator tool at <https://www.algonquincollege.com/fee-estimator> .

Further information on fees can be found by visiting the Registrar's Office website at <https://www.algonquincollege.com/ro> .

Fees are subject to change.

Additional program related expenses include:

- Books and supplies cost approximately \$900 per level, and can be purchased at the campus store.

### Admission Requirements for the 2024/2025 Academic Year

#### Program Eligibility

- Please apply to the Business Administration (Core) program - at OCAS under Program Code 0216X01FWO.

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### Application Information

#### **BUSINESS ADMINISTRATION - ACCOUNTING** Program Code 0216A01FWO

Applications to full-time day programs must be submitted with official transcripts showing completion of the academic admission requirements through:

ontariocolleges.ca  
60 Corporate Court  
Guelph, Ontario N1G 5J3  
1-888-892-2228

Applications are available online at <http://www.ontariocolleges.ca/> .

Applications for Fall Term and Winter Term admission received by February 1 will be given equal consideration. Applications received after February 1 will be processed on a first-come, first-served basis as long as places are available.

International applicants applying from out-of-country can obtain the International Student Application Form at <https://algonquincollege.force.com/myACInt/> or by contacting the Registrar's Office.

For further information on the admissions process, contact:

Registrar's Office  
Algonquin College  
1385 Woodroffe Ave  
Ottawa, ON K2G 1V8  
Telephone: 613-727-0002  
Toll-free: 1-800-565-4723  
TTY: 613-727-7766  
Fax: 613-727-7632  
Contact: <https://www.algonquincollege.com/ro>

### **Additional Information**

Students having Ontario high school Accounting course BAT4M with a grade of 75% or better may receive a transfer credit for Accounting Concepts I (ACC2310). Completion of a Transfer of Academic Credit via ACSIS is required.

For students considering advancing their accounting education, this program provides some degree articulation opportunities (see [www.algonquincollege.com/degree-pathways/list/](http://www.algonquincollege.com/degree-pathways/list/)). Students interested in pursuing a professional recognized accounting designation are advised to check with the relevant accounting body website, and to continue to check this website on regular basis for updates.  
CPA Ontario website: <http://www.cpaontario.ca/> .

As a pre-requisite of entering this major, the student must achieve a minimum grade of C in the Level 02 and 03 Intro Accounting Courses - Accounting Concepts I (ACC2310) and Accounting Concepts II (ACC2313).

### **Contact Information**

#### **Program Coordinator(s)**

- Jerry Aubin, <mailto:aubinj1@algonquincollege.com> , 613-727-4723, ext. 5737

### **Course Descriptions**

#### **ACC2310 Accounting Concepts I**

Students are provided with the basics of financial accounting whether they are interested in becoming a practitioner or are looking to broaden their knowledge of how to properly interpret financial information. Emphasis is on what accounting information is, understanding the accounting cycle, recording transactions, and the preparation and analysis of financial statements. Students who are taking this course as part of the Business Administration Ontario College Advanced Diploma program need a minimum grade of C in this course in order to choose Accounting as a major.

Prerequisite(s): none  
Corerequisite(s): none

#### **ACC2313 Accounting Concepts II**

Students are introduced to and explore the background, goals and methods of managerial accounting and its role in business planning, control and decision-making. Key workplace skills involve the ability to plan direct control and to evaluate and extrapolate key accounting data. Topics covered include product costing, cost behaviour, cost-volume-profit analysis, profit

planning, differential analysis and budgeting. Curriculum is delivered in lecture and hands-on problem-solving formats.

Prerequisite(s): ACC2201 or ACC2310  
Corerequisite(s):none

### **ACC2341 Financial Accounting**

This course builds a base of knowledge and understanding required for a career in accounting, or to succeed in further related studies. Students explore the basic standards and concepts of current accounting principles and its underlying effects on an organization's financial reports. Included are concepts related to the completion of the accounting cycle and the preparation and analysis of financial accounting statements. The course includes an emphasis on the Balance Sheet and its various assets, liabilities, and equity accounts, as well as the Income Statement and the Cash Flow Statement.

Prerequisite(s): ACC2201 or ACC2310 and ACC2313  
Corerequisite(s):none

### **ACC2343 Spreadsheet Applications**

Students enhance their knowledge of spreadsheets learned in BUS2301. Using Microsoft Excel, students explore some of the more advanced Excel features, such as financial functions, charts, logical functions, pivot tables, lists and look-up tables. These spreadsheet concepts are explored through Excel-based lectures and hybrid activities including learning resource applications.

Prerequisite(s): ACC2201 and BUS2301 or ACC2313 and BUS2301 or ACC1100 and ACC1211 and BUS2301  
Corerequisite(s):none

### **ACC2344 Taxation**

Accurate completion of personal and corporate tax returns using current tax software is an essential employment-related skill. Using a variety of methods including tax cases, lectures and internet research, students prepare a comprehensive personal and corporate Canadian tax return using a professional tax software program. Basic principles of tax planning and compliance with relevant tax legislation and regulations are stressed. It is strongly recommended that students use a Windows-based laptop (not a Mac).

Prerequisite(s): ACC2341 or ACC2202 and ACC2209  
Corerequisite(s):none

### **ACC2353 Intermediate Financial Accounting I**

To succeed as an accounting professional, students need an advanced level of financial statement knowledge. Students expand their accounting knowledge by focusing on the structure and purpose of financial statement presentation and disclosure under IFRS and ASPE. Particular focus is placed on the measurement and presentation of current assets such as cash, receivables, inventories and investments, as well as emphasizing revenue recognition under GAAP. Students demonstrate their professional competencies during in-class discussion, completion of assigned exercises and in-depth assignments.

Prerequisite(s): ACC2341 or ACC2202 and ACC2209  
Corerequisite(s):none

### **ACC2354 Managerial Accounting I**

This is the first of two managerial accounting courses. The course provides students with key workplace skills by exploring the background, goals and methods of managerial accounting. Specific topic areas include product costing, manufacturing statements, job order costing and activity-based costing. Decision-making tools, including cost-volume-profit analysis and contribution analysis, are extensively used. The current business focus on quality and business ethics is related to most topic areas. The curriculum is delivered in lecture, case and problem-

solving format.

Prerequisite(s): ACC2341 or ACC2233 or ACC2202 and ACC2209

Corerequisite(s):none

### **ACC2355 Managerial Accounting II**

This is the second of two managerial accounting courses. The course provides students with key workplace skills by exploring the background, goals and methods of managerial accounting. Specific topic areas include product costing, manufacturing statements, job order costing and activity-based costing. Decision-making tools, including cost-volume-profit analysis and contribution analysis, are extensively used. The current business focus on quality and business ethics is related to most topic areas. The curriculum is delivered in lecture, case and problem-solving format.

Prerequisite(s): ACC2343 and ACC2354 or ACC2234 and ACC2343

Corerequisite(s):none

### **ACC2363 Intermediate Financial Accounting II**

To succeed as an accounting professional, students need an advanced level of financial statement knowledge. Students complete their coverage of financial accounting by focusing on financial elements such as property, plant and equipment, intangible assets, liabilities, shareholders' equity, taxes, leases and the statement of cash flows. Particular attention is focused on the presentation, measurement and disclosure under IFRS and ASPE. Students demonstrate their professional competencies during in-class discussion, completion of assigned exercises and in-depth assignments.

Prerequisite(s): ACC2353

Corerequisite(s):none

### **ACC2367 Business Strategies**

The development of critical-thinking skills is essential for students looking for a career beyond the bookkeeping level. Students learn important principles and concepts that are essential for the formulation, evaluation, and implementation of business strategy and policy. Students are provided an awareness of company goals and analysis of the competitive environment. Curriculum is delivered via lectures, case and group work.

Prerequisite(s): ACC2341 and ACC2354 or ACC2202 and ACC2209 and ACC2234

Corerequisite(s):none

### **ACC2368 Accounting Capstone Studies**

Students develop hands-on career skills by completing weekly tasks that simulate the day-to-day operations of a typical accounting department. An industry-based practical approach to career development is used.

Prerequisite(s): ACC2353 and ACC2354 and ACC2385

Corerequisite(s):ACC2355

### **ACC2385 Accounting Software Applications**

It is a workplace expectation that students are comfortable using accounting software on a day-to-day basis. Students gain practical experience using computerized accounting software to record transactions and prepare financial statements. Curriculum is delivered in lecture format and by hands-on completion of cases using accounting software. A Windows-based laptop (not a Mac) is strongly recommended.

Prerequisite(s): ACC2341 or ACC2202

Corerequisite(s):none



**BAI2300 Global Business Environment**

As the global economy continues to change rapidly, and as the number of international trade agreements grows, trade barriers come down and Canadian companies and entrepreneurs must have a clear understanding of the effects of globalization and ensuing opportunities. The forces defining the international economy are examined and the skills that global business professionals require in order to succeed today internationally are introduced. Students learn the major components of international trade of products and services, including marketing, market entry strategies, supply chain management, trade finance, legal aspects of international business and international management. The subject of foreign direct investment is also introduced.

Prerequisite(s): none

Corerequisite(s):none

**BUS2301 Business Computer Applications**

The knowledge gained in this course provides students with a solid foundation for future learning in other studies, and in business. Students learn a variety of tasks in Windows file management. Students also learn tasks and produce assignments in Microsoft Office for PC. Web-based software running computer-based simulations and assessments are used to support and enrich the learning experience. It is strongly recommended that students use a PC. Mac students may be required to install and learn additional software to successfully complete the course.

Prerequisite(s): none

Corerequisite(s):none

**BUS2303 Database and Advanced Excel Concepts**

Databases and data analysis are pervasive in today's work environments. Students study advanced Excel topics, including pivot tables, filters, tables, what-if analysis tools, data validation and error checking and preparing Excel data for use in databases. Students also learn how to design and use a database using Microsoft Access, and import data from Excel. Emphasis is on extracting information from Access databases by creating and using queries. A combination of lectures, practical demonstrations, in-class and out of class assignments and review simulations contribute to the students' learning experience. Mac students, please note that Microsoft Access will not run on a Mac without additional software.

Prerequisite(s): DAT5758 or BUS2301

Corerequisite(s):none

**ECO2305 Microeconomics**

Knowledge of contemporary microeconomics issues is essential to understanding the world we live in. Students examine fundamental microeconomic principles with an emphasis on the use of economic models to analyze economic developments accurately and objectively. Students examine the role of prices and competitive markets in the allocation of resources, firm behaviour and market structures, as well as evaluate the effects of government intervention in the economic marketplace.

Prerequisite(s): none

Corerequisite(s):none

**ECO2306 Macroeconomics**

Knowledge of contemporary macroeconomic issues is essential to understanding the world we live in. Students investigate fundamental macroeconomics principles with an emphasis on the use of economic models to analyze economic developments accurately and objectively. Through a combination of instruction and practical application, students examine unemployment, inflation and economic growth, as well as evaluate government use of fiscal and monetary policy in dealing with these key macroeconomic issues. In addition, Canada's international economic relationships are explored. Individual assignments and formal examinations are used to assess student knowledge of key objectives.

Prerequisite(s): none

Corerequisite(s):none



**ENL1725 Canadian Identity**

Canadian identity is challenging to define, but depictions of our multicultural society are found and explored in our writing. This course explores the importance of writers' perceptions of Canada, how they promote their ideas through publishing, and how those published works have affected Canadian society in recent history. Students are introduced to a wide range of writing with the aim of exploring the theme of Canadian identity while enhancing students' awareness of the ethical considerations necessary for a just society.

Prerequisite(s): none  
Corerequisite(s):none

**ENL1726 Symbols, Text and Meaning**

Symbols and text are used to express, evoke, and manipulate an entire range of human emotions and reactions. In this interactive, discussion-based course, students will explore historical and contemporary approaches to using symbols, text, and language in conceptual and contemporary art, graphic design and advertising, poetry and lyrics, and in online technology. Through discussion, analysis, informal debate, and critical thinking, students will explore how symbols and text influence individuals, society and culture.

Prerequisite(s): none  
Corerequisite(s):none

**ENL1798 Contemporary Canadian Issues**

A critical understanding of contemporary Canadian issues is vital to being an active member in our democratic society. Students explore a variety of topics and analyze their ethical implications and relevance to Canadian life. Discussions, debates and other collaborative activities offer opportunities to consider recent controversies from different perspectives, and use of a variety of media (e.g. newspapers, articles, and other resources online) allows for in-depth reflection on the history and current state of a range of social and political topics.

Prerequisite(s): none  
Corerequisite(s):none

**ENL1813B Communications I**

Communication remains an essential skill sought by employers, regardless of discipline or field of study. Using a practical, vocation-oriented approach, students develop stronger grammar and business-writing skills to become effective business communicators. Through a combination of lectures, exercises, and independent learning, students practise writing, speaking, reading, listening, locating and documenting information, and using technology to communicate professionally. Students develop and strengthen communication skills that contribute to success in both educational and workplace environments.

Prerequisite(s): none  
Corerequisite(s):none

**ENL1823B Communications II**

Students continue to expand their practical writing and speaking skills for successful communication in business. Using real-life scenarios and research skills, they produce informal reports and proposals, deliver presentations to a live audience supported by technology, and create a job-search package. Students create professional documents, such as information reports, progress reports, justification/recommendation reports, summary reports, and minutes of meetings to develop up-to-date writing skills. The job search package includes employment-readiness skills, resumes, persuasive cover letters, and interview techniques. In all written work, students continue to develop and enhance their grammar skills to meet professional, workplace standards.

Prerequisite(s): ENL1813B  
Corerequisite(s):none

**ENL1825 Communication Dynamics**

Humans are dynamic, communicative, and socially interactive. Participants consider human behaviour and its influence on interpersonal or impersonal connections with others by exploring theories and ethical considerations of conformity, obedience and persuasion. Special attention is paid to individual inner experiences, thoughts, feelings, emotions and introspections. Role play learning and case studies allow participants to reflect and build upon their own observations and experiences.

Prerequisite(s): none  
Corerequisite(s):none

**ENL1829 The Art of Oratory**

From ghost stories around the campfire to political speeches by world leaders, ethical oratory plays a significant role in human interaction. Students examine the social significance of public speaking while developing a deeper understanding of the theory, science, elements of form, and persuasive devices underlying this art. Building on their own stories, students prepare, deliver, and critique group workshops, as well as design, deliver, and critique individual presentations.

Prerequisite(s): none  
Corerequisite(s):none

**FIN2303 Introduction to Finance**

Building a solid understanding of personal finance is crucial for students who intend to choose the Finance major in the Business Administration (BUAD) program. Students acquire knowledge of the personal financial planning process, statements, taxation, banking, borrowing and investing through in class discussions and activities. Students solve time value of money (TVM) questions for saving, investing, financing and retirement funding using a calculator. These skills will be useful for everyday life situations involving money management and are the foundation for future courses in the finance major program.

Prerequisite(s): none  
Corerequisite(s):none

**FIN2304 Business Finance**

Building on time value of money (TVM) concepts from FIN2303, using financial calculators and/or spreadsheets, students compute effective rates and yields, cost and weighted cost of capital. Students also evaluate and calculate bond and equity prices; yield to maturity, payments and future and present values of cash flow and interest payments. Next, students prepare and analyze financial statements to determine cash flow, tax obligations, growth, external financial needs and develop business strategies using examples and real-world business case studies.

Prerequisite(s): FIN2303  
Corerequisite(s):none

**GED0216 General Education Elective**

Students choose one course, from a group of general education electives, which meets one of the following five theme requirements: Arts in Society, Civic Life, Social and Cultural Understanding, Personal Understanding, and Science and Technology.

Prerequisite(s): none  
Corerequisite(s):none

**LAW1702 Business Law**

Students are prepared for a business environment increasingly affected by laws. They learn how laws must be understood and applied by management in the conduct of business. They also learn

how to analyze a business situation from a general legal perspective. Emphasis is placed on methods of dispute resolution, contracts, torts, employment law, methods of carrying on business, creditors' rights, sale of goods and marketing law.

Prerequisite(s): none  
Corerequisite(s):none

### **MGT1000 Approved Course - Other Program or Major**

With prior approval by the department responsible for the major area of study, a student may elect to take up to two courses from other programs or majors in the school or College. Such courses must not be selected from the student's area or areas of specialization.

Prerequisite(s): none  
Corerequisite(s):none

### **MGT1001 Approved Course - Other Program or Major**

With prior approval from the department responsible for the major area of study, a student may elect to take up to two courses from other programs or majors in the school or College. Such courses must not be selected from the student's area or areas of specialization.

Prerequisite(s): none  
Corerequisite(s):none

### **MGT2319 Skills for Academic and Business Success**

Business and higher education have evolved and so have the skills necessary to succeed in these new and dynamic environments. Students explore the strategies, tools, and theories needed to thrive throughout their college career and chosen professions. Reflections, workshops, mini-lectures, and learning activities support the holistic development of each student. A focus is placed on establishing effective habits as a team member and developing self-awareness.

Prerequisite(s): none  
Corerequisite(s):none

### **MGT2320 Material and Operations Management**

Operations managers make tactical decisions in support of carrying out the vision and strategies for businesses in the supply chain and/or in service production. Students are introduced to the responsibilities and current tools of operations and supply chain managers in manufacturing and non-manufacturing organizations. Topics include quality management, layout management, location, inventory management, MRP and ERP, and JIT/Lean.

Prerequisite(s): none  
Corerequisite(s):none

### **MGT2328 Introduction to Management Fundamentals**

Management principles, including planning, leading, organizing, and controlling in today's organization within the context of ethics, corporate social responsibility and sustainability are explored. The role of the manager and the skills and techniques required to achieve organizational outcomes through the management of people, money and time are also examined.

Prerequisite(s): none  
Corerequisite(s):none

### **MGT2381 Human Resources Management**

Human capital is a critical organizational resource contributing to the organizational strategy and operational success through progressive human resources management. Students are introduced to human resources management areas of practice including the role of human resources

management within the organizational strategic context, human resources planning, employee recruitment and selection, training and development, compensation and benefits, and employee and labour relations. Furthermore, students are introduced to occupational health and safety, international human resources management, organizational behaviour, and relevant legislation.

Prerequisite(s): none  
Corerequisite(s):none

### **MKT2317 Marketing**

Students are provided an overview of the marketing functions used in an organization, which serves to support them in their chosen business career. Students learn the strategic market planning process in both the business-to-consumer and business-to-business market areas. Elements of their learning include environmental scanning, the ability to identify and segment markets, understanding buyer behaviours and the importance of marketing research. This results in the understanding of a coordinated marketing program (product, price, promotion and distribution channels). The relationship marketing has with other business functions and environments in which organizations' marketing professionals operate is also examined. These concepts are viewed within the context of traditional and e-business consumer and business markets.

Prerequisite(s): none  
Corerequisite(s):none

### **QUA0002 Business Mathematics**

Students review basic arithmetic and algebra, as well as mathematic tools and concepts required for solving problems found in a business environment. Problem-solving areas include cost-volume-profit analysis, linear functions and systems of equations, index numbers, markup and markdowns, terms of invoicing and business finance.

Prerequisite(s): none  
Corerequisite(s):none

### **QUA0003 Quantitative Methods I**

Mathematical methods are used in fields such as finance, marketing, accounting and operations management in order to help make reasonable business decisions. Students are introduced to basic statistical measures of central tendencies and dispersions. Students use basic probability and different probability distribution to problem-solve. Decision theory is used to solve problems in situations of certainty and uncertainty. Students study the components of time series and make forecasts. Students apply course content within Excel functions.

Prerequisite(s): QUA0002  
Corerequisite(s):none

### **QUA2343 Quantitative Methods II**

Students are introduced to the normal probability distribution and its application. They use sampling distribution techniques to become familiar with quantitative tools for management, such as interval estimation and hypothesis testing for one and two populations. Students also learn to use forecasting tools, such as simple regression and correlation analysis, to form the basis of predicting future values.

Prerequisite(s): QUA0003 or QUA2313  
Corerequisite(s):none