

Fanshawe College

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Business - Supply Chain and Operations

2019

FANS 01366 Business - Supply Chain and Operations - CVS Application

Fanshawe College

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collèges de l'Ontario

Business - Supply Chain and Operations

Fanshawe College | APS # FANS01366 | MTCU # 58900
Ontario College Diploma | Funding requested - full-time

Purpose

Businesses rely on supply chain professionals to move their products to customers around the world. This 2-year Business - Supply Chain & Operations diploma program prepares students for careers in the fields of logistics, procurement, supply chain and operations. Students enhance their knowledge of supply chain concepts applicable to a variety of sectors including manufacturing, health care, education, transportation, construction and government. They will be prepared to assess the connections between strategic objectives, stakeholder expectations, and supply chain design decisions and contribute to efficient solutions that maximize profitability and stakeholder satisfaction while mitigating risk. Using current industry tools, students will review supply chain scenarios and transactions for compliance with relevant policies, standards, legal, regulatory and contractual obligations. They will also build skills in negotiation, collaboration, leadership and communication. Graduates are suited to a variety of entry-level positions, including buyer, purchasing assistant, purchasing officer, purchasing agent, procurement coordinator, procurement specialist, logistics coordinator, logistics dispatcher, inventory specialist, shipper/receiver, transportation planner, transportation scheduler, warehouse supervisor and operations coordinator.

Admission

Ontario Secondary School Diploma (OSSD) or equivalent, mature student status

Occupational Areas

Graduates of this program are prepared to enter the supply chain field in all sectors (e.g., manufacturing, health care, education, transportation, construction, government). Graduates are suited to a variety of entry-level positions, including buyer, purchasing assistant, purchasing officer, purchasing agent, procurement coordinator, procurement specialist, logistics coordinator, logistics dispatcher, inventory specialist, shipper/receiver, transportation planner, transportation scheduler, warehouse supervisor and operations coordinator.

Laddering Opportunities

Graduates of this program would be well-suited to enter one of several graduate certificate programs at Fanshawe College, including Business Analysis, Operations Management or Marketing Management.

Program VLOs

1. examine the connections between strategic objectives, stakeholder expectations, and the functions, processes and roles within a supply chain, to support decision-making, problemsolving and completion of tasks
2. support supply chain business operations using accounting and financial analysis
3. identify compliance issues within a supply chain to inform business operations
4. identify risk mitigation tools and strategies to support business operations within a supply chain
5. contribute to the acquisition and sale of goods, services and materials in accordance with best practices and stakeholder expectations across a variety of industries
6. contribute to the planning and scheduling of material requirements and resource allocation, and the management of inventories, for efficient production and fulfillment of customer orders and returns
7. coordinate the efficient handling and movement of goods, services, materials and related information within a supply chain
8. contribute to the identification and management of continuous improvements to functions and processes within a supply chain
9. use available technologies to enhance work performance and support supply chain functions, processes, transactions and communications
10. monitor relevant trends, emerging technologies, and local and global economic, political and environmental issues to enhance work performance and support management decisions
11. perform tasks in accordance with policies and procedures for workplace health and safety and industry standards and best practices for professional, ethical and accountable conduct and communications
12. collaborate with a diversity of stakeholders to facilitate business operations within a supply chain
13. participate in facilitated learning opportunities for personal, career and professional development

Curriculum

- **BUSI-1005 - Introduction to Business Processes** (Semester 1 - 45.00 hours)
This course explores the various functional areas of business in Canada and demonstrates the interrelationship among these areas. Students are introduced to many concepts, including major business trends, the role of government in business, marketing, operations, employee-management issues, financial resources management, business ethics and social responsibility.
- **ACCT-1100 - Principles of Accounting 1** (Semester 1 - 45.00 hours)
This course introduces the student to the Principles of Accounting, and includes an exploration of the underlying concepts that guide the preparation of accounts for individuals and organizations. It is designed to teach the student, regardless of program destination, an essential life skill - an understanding of Net Worth, and its importance to business success and the financial well being of the individual.
- **MKTG-1012 - Principles of Marketing 1** (Semester 1 - 45.00 hours)
This course is designed to provide an overview of the decisions that face Marketers in today's fast-paced and competitive business environment. Students will learn that marketing is not only advertising but a broad set of activities designed to satisfy consumer needs and wants. Students

examine the information Marketers require for effective decision-making and learn the basic elements of the marketing planning process

- **MATH-1052 - Business Math** (Semester 1 - 45.00 hours)
This course provides a review of basic arithmetic and algebra as well as providing students with mathematical tools and concepts needed for other college courses and in future employment. This course is to prepare students for later courses in Marketing, Business, Financial Planning, Accounting, Purchasing and Insurance.
- **BUSI-1060 - Strategies for Success** (Semester 1 - 15.00 hours)
This course presents and helps to develop some of the skills required to achieve academic and career success. Areas of focus include college resources, study skills, time management, academic integrity, emotional self-awareness and social skills development. Additionally, emphasis is placed on career readiness and preparation.
- **GNED-0001 - General Education Course** (Semester 1 - 45.00 hours) (General Edu Course)
General education course
- **PRCH-1012 - Purchasing & SCM** (Semester 2 - 45.00 hours)
This course introduces students to the field of Supply Management. Emphasis will be placed on the impact that purchasing and supply chain management can have on the competitive success and profitability of organizations. This course will focus on identifying and applying specific tools and techniques that are often used in the procurement process. The following concepts and tools will be introduced: sourcing, supplier evaluation, ethics, lean supply (inventory) basics, cost management, government and retail buying, negotiation, contract law, quality needs, buying services, and performance evaluation.
- **ECON-1019 - Contemporary Issues in Economics** (Semester 2 - 45.00 hours)
This is a survey course which introduces students to the structure and function of our economic system. The course will give students a basic understanding of the principles of both micro and macroeconomic activity through modeling and analysis. Students will examine the role that households (consumers), industry (producers) and governments play in a modern economic system and how the decisions by these different levels affect all of our lives. The course is structured to provide insight through lectures, discussions and current events
- **ACCT-1015 - Management Accounting** (Semester 2 - 45.00 hours)
This introductory course emphasizes management accounting topics such as financial statement analysis, budgets, nature of costs etc. This will allow the student to understand the role of accounting in business and how accounting data is used in the decision making process.
- **MGMT-3041 - Organizational Behaviour** (Semester 2 - 45.00 hours)
Organizational behaviour (OB) theories and concepts are applicable to various work settings- private, public, for-profit, and not-for-profit. This course investigates how individuals, groups, and structures influence and are, in turn, influenced by behaviours in organizations. Discussion will focus on topics that include: history of OB; evolution of organizational structure, design and culture; work place productivity, employee skills and technology demands; conflict resolution; interpersonal skills; legislation related to workplace discrimination and harassment; leadership; and management of change, power, and organizational politics.
- **COMP-3077 - Excel for Business Advantage** (Semester 2 - 45.00 hours)
Modern spreadsheet programs perform far beyond simple number crunching. The functionality of Microsoft Excel continues to move the application into new venues such as visual interactive data presentations or sales proposals. Given the now commonplace nature of the program, it is crucial that all business minded professionals have a comprehensive knowledge of MS Excel. Upon successful completion of this curriculum, students will be trained in MS Excel 2016 for MOS (Microsoft Office Specialist) expert level Excel certification. MOS testing is available at certified testing centers across Canada.

- **GNED-0002 - General Education Course** (Semester 2 - 45.00 hours) (General Edu Course)
General education course
- **MGMT-3058 - Retail Management & eCommerce** (Semester 3 - 45.00 hours)
Almost 60% of the Canadian economy involves consumer spending. That makes retail management an integral part of the Canadian economy. This course focuses on decision making tools for developing retail strategy, planning merchandise, and building customer loyalty. With an ever increasing number of retailers devoting resources to attracting customers online we will spend time exploring e-commerce.
- **MATH-1175 - Financial Math** (Semester 3 - 45.00 hours)
This course explains the time value of money calculations used in Mathematics of Finance. It covers topics such as simple interest, compound interest, annuities-simple and general, bonds and cost-benefit analysis.
- **INNV-1001 - Innovation Applications** (Semester 3 - 45.00 hours)
This course will explore Innovation through projects and group work that are assigned and developed in collaboration with your instructor. With the help of case studies, research reports, and creative thinking methods students will leverage their personal experiences and develop their capacity to innovate in multiple fields.
- **MGMT-3068 - Transportation in SCM** (Semester 3 - 45.00 hours)
This course introduces students to the field of Transportation. The critical role that transportation plays in helping companies improve their supply chain effectiveness will be examined. Transportation has been growing in importance and has become a critical link in the organizations supply chain and in our Canadian economy. This course will focus on matters of tactical significance such as comparing all methods of transportation, transportation regulation, risk management, preparation of export documentation, performing calculations relating to various transportation decisions, security issues and initiatives, and challenges that the transportation professional may deal with.
- **GNED-0003 - General Education Course** (Semester 3 - 45.00 hours) (General Edu Course)
General education course
- **MGMT-3069 - Operations Management** (Semester 3 - 45.00 hours)
Operations Management is an integral component of the Supply Chain as it impacts customers, suppliers and the organization as a whole. This course deals with the requirements to provide the goods and services to our customers examining such areas as inventory, forecasting, capacity, strategies, facilities and planning as well as their impact on the health of our organization. This course provides tactical and strategic examination to provide students with an understanding of the essential aspects of this link in the supply chain.
- **PRCH-3019 - Logistics Management** (Semester 4 - 45.00 hours)
This course introduces students to the field of supply chain management (SCM), which spans the entire process from obtaining raw materials to their transformation into products and services, as well as delivery to customers. SCM impacts all areas and processes of the firm and its supply chain partners. This course will stress how you can improve the success and competitive advantage of organizations by employing various practices. The key aspects of procurement, operations and transportation will be emphasized, as well as how each of these functions interrelate and contribute to effective SCM. This course will introduce tactical concepts and applications of topics such as MRP, DRP, ERP, CRM, forecasting, inventory management, transportation, warehousing, and facility location.
- **MGMT-3070 - Negotiation Principles** (Semester 4 - 45.00 hours)
This course is designed to introduce supply chain management students to the skills required in distributive and integrative negotiations. This course will involve critical thinking skills and will introduce concepts and practice, so that students can increase their confidence and ability

GNED-0001													
PRCH-1012	X	X	X	X	X	X	X	X	X	X	X	X	X
ECON-1019										X			X
ACCT-1015	X	X	X	X		X	X	X			X	X	
MGMT-3041	X									X	X		X
COMP-3077		X		X		X			X				
GNED-0002													
MGMT-3058					X	X	X			X			X
MATH-1175								X				X	
INNV-1001												X	X
MGMT-3068	X	X	X	X	X	X	X	X	X	X	X	X	X
GNED-0003													
MGMT-3069	X	X	X	X	X	X	X	X	X	X	X	X	X
PRCH-3019	X	X	X	X	X	X	X	X	X	X	X	X	X
MGMT-3070	X		X		X	X	X	X			X	X	X
MGMT-3090	X	X	X	X	X	X	X	X	X	X	X	X	X
LAWS-3016				X	X						X		
PRCH-3020	X	X	X	X	X	X	X	X	X	X	X	X	X
PRCH-3018	X	X		X	X	X	X	X	X	X	X	X	X

EES Mapping

Code	1	2	3	4	5	6	7	8	9	10	11	12	13
BUSI-1005	X	X		X	X	X	X	X	X	X	X		
ACCT-1100	X	X	X	X	X	X	X				X		
MKTG-1012	X	X		X	X	X	X		X	X	X		
MATH-1052	X	X	X	X	X	X					X		

BUSI-1060				X	X			X	X	X	X		
GNED-0001													
PRCH-1012	X	X	X	X	X	X	X	X	X	X	X		
ECON-1019	X	X	X	X	X	X	X				X		
ACCT-1015		X	X	X	X	X	X			X			
MGMT-3041	X	X		X	X	X	X	X	X	X	X		
COMP-3077			X	X	X						X		
GNED-0002													
MGMT-3058	X	X	X	X	X	X	X	X	X	X	X		
MATH-1175	X	X	X	X	X	X	X	X	X	X	X		
INNV-1001	X	X		X	X	X	X	X	X	X	X		
MGMT-3068	X	X	X	X	X	X	X	X	X	X	X		
GNED-0003													
MGMT-3069	X	X	X	X	X		X	X	X	X	X		
PRCH-3019		X	X	X	X	X	X	X	X	X	X		
MGMT-3070	X	X	X	X	X	X	X	X	X	X	X		
MGMT-3090	X	X	X	X	X	X	X	X	X	X			
LAWS-3016		X		X	X		X						
PRCH-3020		X	X	X	X		X	X	X		X		
PRCH-3018	X	X	X	X	X	X	X	X	X	X	X		

Certification/Accreditation

Certification type:

There is no recognition (None exist)

Attachments

None

Contact Information

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