The Business – Logistics & Supply Chain program prepares students to make spending decisions, negotiate/award contracts and determine pricing policies. Students have a well-rounded knowledge of Supply Chain practices.

The Content
The Business – Logistics & Supply Chain program considers all aspects of the Supply Chain including procurement, logistics, operations, transportation, public procurement, and retail management. Other skills needed to succeed in business including organizational behaviour, decision making accounting, business mathematics, project management and law and Microsoft Access and Excel applications are taught. The program allows students to consider any of the professional associations, as the learning outcomes in this program meet or exceed those of the Supply Chain Management Association-Ontario Supply Management Training offerings, APICS - the Operations Management Association offerings, the National Institute of Governmental Purchasing (NIGP) offerings and several others in the Ontario marketplace.

The Business- Logistics & Supply Chain Program currently has an equivalency agreement with the SCMAO for the Certified Supply Chain Management Professional designation program which allow students to apply credit for 6 of the 14 courses/interactive workshops in the program. **Equivalency agreements are currently under discussion with both APICS and NIGP.**

The Business- Logistics & Supply Chain Program is an accredited education provider of Supply Chain Management content by the Canadian Supply Chain Sector Council -National Accreditation Program.

Skill Levels
**Year One**
- Achieve expertise in the current version of Microsoft Excel software
- Identify cost reduction and value improvement opportunities

**Year Two - Apply key management tools such as:**
- Project management skills
  - Work breakdown structure
  - Network diagrams
  - Critical path
- Inventory management and control
  - Just in time analysis
  - Usage analysis
- Utilize the current version of Microsoft Access software at an expert level to assist in analysis of data
- Review and analyze transportation routing and costs, as well as, be able to prepare proper documentation
- Understand MRP and ERP systems and their benefits in Supply Management
- Develop procurement documentation such as RFP’s, RFQ’s or RFI’s and complete the analysis to make recommendations as to source of supply and best value, including examination of total cost of ownership, discount structures, make or buy analysis for both capital and non-capital procurement
- Examine and develop quality control strategies and efficiency improvements in all sectors
- Understand and calculate forecasting methods, inventory stocking levels (JIT/EOQ/safety stock) transportation and load requirements

Outcomes
Graduates of this program can assist you in controlling costs, while also instituting cost saving and efficiency improvement methodology which are very desirable in any company during all, but especially during tough economic times.
Course Outline

For the official Degree Audit, please see Registrar's Office

Level 1 – Take all of the following Mandatory Courses
ACCT-1004 Principles of Accounting I
WRIT-1032 Reason & Writing – Business I
MKTG-1012 Principles of Marketing I
MATH-1052 Business Math
BUSI-1060 Strategies for Success
BUSI-1005 Introduction to Business Processes

Level 2 – Take all of the following Mandatory Courses
Gen Ed. – take one 3-credit Gen. Ed. elective course
PRCH-1012 Purchasing & SCM
ECON-1019 Contemporary Issues in Economics
ACCT-1015 Management Accounting
MGMT-3041 Organizational Behaviour
COMP-3077 Excel for Business – Advanced
COOP-1020 Co-operative Education Employment Prep

Level 3 – Take all of the following Mandatory Courses
MGMT-3058 Retail Management & e-Commerce
MGMT-3011 Project Management
MATH-1175 Financial Math
MGMT-3068 Transportation in SCM
COMM- 3020 Professional Communication
MGMT-3069 Operations Management

Level 4 – Take all of the following Mandatory Courses
PRCH-3019 Logistics Management
MGMT-3070 Negotiation Principles
LAWS-3016 Purchasing Contract Laws
PRCH-3014 Access for Operations
PRCH-3020 Public Sector SCM
PRCH-3018 Strategic Business Planning - SCM

Requirements:
- Take one 3-credit General Education (Gen.Ed.) elective Courses
- Program Residency
Students must complete a minimum of 18 credits in this program at Fanshawe College to meet the Program Residency requirement and graduate from this program.

Sample Co-op Progression Chart:

<table>
<thead>
<tr>
<th>Fall Intake – Option A</th>
<th>Fall</th>
<th>Winter</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>Acad. 1</td>
<td>Acad. 2</td>
<td>Off</td>
</tr>
<tr>
<td>Year 2</td>
<td>Acad. 3</td>
<td>Work 1</td>
<td>Work 2</td>
</tr>
<tr>
<td>Year 3</td>
<td>Work 3</td>
<td>Acad. 4</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fall Intake – Option B</th>
<th>Fall</th>
<th>Winter</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>Acad. 1</td>
<td>Acad. 2</td>
<td>Work 1</td>
</tr>
<tr>
<td>Year 2</td>
<td>Acad. 3</td>
<td>Work 3</td>
<td>Acad. 4</td>
</tr>
<tr>
<td>Year 3</td>
<td>Acad. 4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Winter Intake – Option A</th>
<th>Winter</th>
<th>Summer</th>
<th>Fall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>Acad. 1</td>
<td>Acad. 2</td>
<td>Work 1</td>
</tr>
<tr>
<td>Year 2</td>
<td>Work 2</td>
<td>Work 3</td>
<td>Acad. 4</td>
</tr>
<tr>
<td>Year 3</td>
<td></td>
<td>Acad. 4</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Winter Intake – Option B</th>
<th>Winter</th>
<th>Summer</th>
<th>Fall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>Acad. 1</td>
<td>Acad. 2</td>
<td>Acad. 3</td>
</tr>
<tr>
<td>Year 2</td>
<td>Work 1</td>
<td>Work 2</td>
<td>Work 3</td>
</tr>
<tr>
<td>Year 3</td>
<td>Acad. 4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Summer Intake – Option A</th>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>Acad. 1</td>
<td>Acad. 2</td>
<td>Work 1</td>
</tr>
<tr>
<td>Year 2</td>
<td>Work 2</td>
<td>Acad. 3</td>
<td>Acad. 4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Summer Intake – Option B</th>
<th>Summer</th>
<th>Fall</th>
<th>Winter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>Acad. 1</td>
<td>Acad. 2</td>
<td>Acad. 3/4</td>
</tr>
<tr>
<td>Year 2</td>
<td>Work 1</td>
<td>Work 2</td>
<td>Acad. 3/4</td>
</tr>
</tbody>
</table>

This program is affiliated with:

Canadian Professional Logistics Institute
Ontario Public Buyers Association
International Warehouse & Logistics Association
ASQ- The Quality People
CIFFA-Canadian International Freight Forwarders Association