



# Supply Chain Management

Program No: 10-182-1

Associate Degree in Applied Science

Degree Completion Time: Four Terms

In general, an academic year consists of two terms; however, degree completion time may vary based on student scheduling needs and class availability

2013-2014

Catalog No.	Class Title	Credit(s)
<b>Term 1</b>		
10105124	Portfolio Introduction	1.00
10182102	Service Operations Management	3.00
10182108	Purchasing	3.00
10182160	Global Supply Chain Management	3.00
10801195	Written Communication	3.00
10809196	Introduction to Sociology OR 10809172 Introduction to Diversity Studies	3.00
<b>Total</b>		<b>16.00</b>
<b>Term 2</b>		
10103116	Excel 2010 - Level 2	1.00
10182110	Negotiations	3.00
10182131	Supply Chain Management	3.00
10801196	Oral/Interpersonal Communication OR 10801198 Speech	3.00
10804123	Math w/Busines Applications	3.00
10809198	Intro to Psychology	3.00
<b>Total</b>		<b>16.00</b>
<b>Term 3</b>		
10101155	Accounting for Professionals	3.00
10105128	Personal Branding	2.00
10196188	Project Management	3.00
10182114	Enterprise Resource Planning and Control	3.00
10182122	Logistics	3.00
10806112	Principles of Sustainability OR 10809122 Introduction to American Government	3.00
<b>Total</b>		<b>17.00</b>
<b>Term 4</b>		
10182107	Portfolio Assessment-Supply Chain	1.00
10623118	Lean Manufacturing Overview	3.00
10623110	Six Sigma Tools for Green Belts - Measure and Analyze	3.00
10623193	ISO 9001:2008	3.00
10809195	Economics	3.00
10104128	Leadership and Professionalism OR 10182125 Internship—Supply Chain Management	3.00
<b>Total</b>		<b>16.00</b>
<b>Program Total</b>		<b>65.00</b>

**Note:** Program start dates vary; check with your counselor for details. Curriculum and program acceptance requirements are subject to change.

## About the Career

It is exciting to be part of the materials/supply management field. New technology, use of the internet, and the business-to-business e-commerce explosion have made great advances in the materials/supply management field. If you like working with people, computers, and data and are interested in working in an ever-changing logistics, manufacturing, service, or health care field, a career in materials/supply chain management is for you.

## Careers

- Vendor-Managed Inventory Specialist
- Buyer
- Material Controller/Coordinator
- Buyer Planner/Scheduler
- Entry-level Project Coordinator
- Global Sourcing Supply Specialist
- Logistician

## Admissions Steps

- Submit Application and \$30 Processing Fee
- Complete an Assessment for Placement (Accuplacer or ACT and Microsoft Skills Check—Word, PowerPoint, Excel)
- Submit Official Transcripts (High School and Other Colleges)
- Meet with Program Advisor
- Complete Functional Ability Statement of Understanding Form

## Program Outcomes

You'll learn to:

- Provide an uninterrupted flow of materials, supplies, and services required to operate the organization.
- Manage inventory levels.
- Manage customer inventory levels.
- Maintain quality control.
- Develop productive working relationships with external constituents (such as vendors and retailers) and internal departments (such as the Marketing, Accounting, Engineering, and MIS departments).
- Analyze and negotiate contracts with suppliers, manufacturers, and/or distributors.
- Develop solutions regarding capacity and production planning, resource allocation, and facility location.
- Integrate technology into the supply chain to improve profitability; for example, utilize e-business.
- Schedule the transportation and logistics of product/service to its final destination.
- Coordinate a simple project.

## Approximate Costs

- \$132 per credit (resident)
- \$198 per credit (out-of-state resident)
- Other fees vary by program (books, supplies, materials, tools, uniforms, health-related exams, etc.)

## Special Note

This program is also offered in an evening delivery format.

## Functional Abilities

Functional abilities are the basic duties that a student must be able to perform with or without reasonable accommodations. At the postsecondary level, students must meet these requirements, and they cannot be modified.

## Placement Scores

Accuplacer/ACT scores will be used to develop your educational plan. Please contact your program counselor/advisor at 920-693-1109.

## Divisional Grading Policy

All coursework in the Business and Technology Division must be passed at a grade of "C" or better for program graduation.

## Transfer agreements are available with the following institutions:

Bellevue University  
Capella University  
Cardinal Stritch University  
Concordia University  
Excelsior College  
Franklin University

Herzing University  
Lakeland College  
Marian College  
MSOE Rader School of Business  
Ottawa University  
Silver Lake College

University of Phoenix  
Upper Iowa University  
UW-Green Bay  
UW-Oshkosh  
UW-Stout

IMPORTANT: For more information on these agreements, visit [gotoltc.edu/transfer](http://gotoltc.edu/transfer).

### **10101155 Accounting for Professionals**

...is the study of the information that can be interpreted from financial statements. Students analyze financial statements and apply managerial accounting concepts in an accelerated format. **COREQUISITE:** Microsoft Excel skills or equivalent **PREREQUISITE:** 10804123 Math w Business **Applications or CONDITION:** 101101 Paralegal program requirements met

### **10103116 Excel 2010 - Level 2**

...prepares the student to create templates, work with PivotTables and PivotCharts, insert hyperlinks, sort and filter tables, apply subtotals, integrate Excel with other programs, write formulas referencing multiple worksheets, and use complex functions. This course is offered in a self-paced format. **PREREQUISITES:** 10103115 Excel 2010-Level 1 or 10103174 Excel 2007-Level 1 or 10103158MS Intro to Microsoft Software or **CONDITION:** 2007 Excel Skills Equivalent or Excel 2010 Level 1 Testout Score >=19

### **10104128 Leadership and Professionalism**

...prepares the student to accept a leadership role in their chosen occupation and provides opportunities to demonstrate business etiquette and professionalism in a variety of settings.

### **10105124 Portfolio Introduction**

...prepares the student to develop a personal and professional portfolio, to identify self-awareness through various self-assessments and apply these results to the workplace and other environments, to write goal statements and understand their value, to develop an individual history of events and achievements, and to identify significant learning experiences throughout the student's life.

### **10105128 Personal Branding**

...focuses on the importance of developing a strong brand identity for yourself as a professional. As a prospective employee, you are constantly selling yourself from how you talk, walk, dress, your facial expressions, and your body language; people are always forming impressions of you. In this course, you will develop a professional resume, cover letter, practice interview skills, and learn the role of social media in career development. **PREREQUISITE:** 10105124 Portfolio Introduction or 10201116 Graphic and Web Portfolio

### **10182102 Service Operations Management**

...introduces the student to the basic coverage of the concepts and current issues in service operation management. Topics include the value equation in operations management; understanding services; building the service system; operating the service system; enterprise resource management (ERP) and supply chain management concepts in the service sector.

### **10182107 Portfolio Assessment-Supply Chain**

...prepares the student to identify what they have learned through the supply chain program, write career goals, re-examine their resume, research and collect project samples of their achievements, and analyze their achievements within the college core abilities. **PREREQUISITES:** 10105124 Portfolio Assessment and 10105126 Career Assessment or 10105128 Career Exploration

### **10182108 Purchasing**

...introduces the participant to basic purchasing, quality specifications, inventory control, supplier selection, price aspects, research and measurement, and global purchasing. This course is exciting for anyone interested in working in a challenging and rewarding purchasing and supply chain management career. **COREQUISITE:** Microsoft PowerPoint or equivalent or **CONDITION:** 105361 Pharmacy Services Management or 315361 Pharmacy Technician

### **10182110 Negotiations**

...is an exciting introduction into negotiations where the following topics will be discussed: nature of negotiations, framing, strategy, integrated negotiations, distributed negotiations, communication, perception, bias, leverage, ethics, global negotiations, and managing difficult negotiations. It is a must course for students desiring to succeed in business.

### **10182114 Enterprise Resource Planning and Control**

...prepares the participant to interpret material requirements planning reports, build a master production schedule, construct capacity plans, and understand sales and operations planning. The curriculum is developed from the American Production and Inventory Controls exam certification's domain of knowledge. **PREREQUISITE:** 10182131 Supply Chain Management and **COREQUISITE:** Microsoft Excel or equivalent

### **10182122 Logistics**

...introduces the student to business logistics, including the efficient and effective flow of goods, services, and related information from the point of origin to the point of consumption and provides a summary of the role and importance of transportation and an overview of carriers, carrier management, and technology and strategies in logistics.

### **10182131 Supply Chain Management**

...has been developed to provide a basic understanding of the planning and control of materials into, through, and out of organizations. In addition, those who want to become certified by APICS need a fundamentals course to learn about the material planning and control system. This course will provide a basis for further study leading to certification. **COREQUISITE:** Microsoft Word, Excel or equivalent

### **10182160 Global Supply Chain Management**

...introduces the student to supply chain financial transactions which include foreign exchange market, fluctuations of the market, role of the global capital market, major determinants in country risk, methods of foreign market entry, international contracts and commercial documents, export packaging, customs clearance, and global supply chain logistics infrastructure.

### **10196188 Project Management**

...will explain the role of projects and the importance of project management in business environments. Learners will create and develop successful proposals. They will also plan, schedule, and budget for a project. **COREQUISITE:** Intro to MS Project-Level 1

### **10623110 Six Sigma Tools for Green Belts - Measure and Analyze**

...provides the learner with the skills to collect and analyze data to solve problems and improve processes within an organization. The learner will utilize statistical techniques for process mapping, failure mode and effects analysis, probability, confidence intervals, measurement systems analysis, and hypothesis testing to create and implement a data collection plan. Will accept 10623119 Six Sigma Tools for Supply Chain Managers in place of this class. **COREQUISITES:** Microsoft Excel skills or equivalent

### **10623118 Lean Manufacturing Overview**

...expands the learner's ability to develop skills to prioritize and sequence work, execute work plans, implement controls, and create and analyze performance evaluations. It allows the student to explore the execution of quality initiatives and continuous improvement plans in addition to the control and handling of inventories.

### **10623193 ISO 9001:2008**

...is designed to introduce participants to the QS/ISO 9001: 2008 standards. The course is structured to teach the QS/ISO 9001: 2008 standards, how to document procedures, and how to perform audits. All of the QS automotive standards will be introduced.

### **10801195 Written Communication**

...teaches the writing process, which includes prewriting, drafting, revising, and editing. Through a variety of writing assignments, the student will analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Keyboarding skills are required for this course. It also develops critical reading and thinking skills through the analysis of a variety of written documents. **PREREQUISITE:** 10831103 Intro to College Wrtg or **CONDITION:** Written Comm Prepared Learner (Accuplacer Wrtg min score of 86 or Equivalent) and **COREQUISITE:** 10838105 Intro Rdg & Study Skills or **CONDITION:** Reading Accuplacer min score of 74 or equivalent

### **10801196 Oral/Interpersonal Comm**

...provides students with the skills to develop speaking, verbal and nonverbal communication, and listening skills through individual speeches, group activities, and other projects. **COREQUISITE:** 10838105 Intro Reading and Study Skills or **CONDITION:** Reading accuplacer minimum score of 74 or equivalent

### **10804123 Math w Business Apps**

...covers real numbers, basic operations, linear equations, proportions with one variable, percents, simple interest, compound interest, annuity, apply math concepts to the purchasing/buying process, apply math concepts to the selling process, and basic statistics with business/consumer applications. **PREREQUISITE:** Accuplacer Math minimum score of 79 or Equivalent or 10834109 Pre-Algebra and **COREQUISITE:** 10838105 Intro Reading and Study Skills or **CONDITION:** Reading accuplacer minimum score of 74 or equivalent

### **10806112 Principles of Sustainability**

...prepares students to develop sustainable literacy, analyze interconnections among physical and biological sciences and environmental systems, summarize effects of sustainability on health and well-being, analyze connections among social, economic, and environmental systems, employ energy conservation strategies to reduce use of fossil fuels, investigate alternative energy options, evaluate options to current waste disposal/recycling in the U.S., and analyze approaches used by your community. **COREQUISITE:** 10838105 Intro Reading and Study Skills or Accuplacer Reading score of 74 or equivalent

### **10809195 Economics**

...provides the participant with an overview of how a market-oriented economic system operates, and it surveys the factors which influence national economic policy. Basic concepts and analyses are illustrated by reference to a variety of contemporary problems and public policy issues. Concepts include scarcity, resources, alternative economic systems, growth, supply and demand, monetary and fiscal policy, inflation, unemployment and global economic issues. **COREQUISITE:** 10838105 Intro Reading and Study Skills or Accuplacer Reading score of 74 or equivalent

### **10809196 Introduction to Sociology**

...introduces students to the basic concepts of sociology: culture, socialization, social stratification, multi-culturalism, and the five institutions, including family, government, economics, religion, and education. Other topics include demography, deviance, technology, environment, social issues, social change, social organization, and workplace issues. **COREQUISITE:** 10838105 Intro Reading and Study Skills or Accuplacer Reading score of 74 or equivalent

### **10809198 Intro to Psychology**

...introduces students to a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. It directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings. **COREQUISITE:** 10838105 Intro Reading and Study Skills or Accuplacer Reading score of 74 or equivalent