

# Logistics and Supply Chain Management Certificate

## Business

### Logistics and Supply Chain Management Certificate



A career in Supply Chain Management deals with a dynamic environment of efficiently facilitating the delivery of goods to customers through a variety of intermediaries. The process is known as channel management and is only a small part of Supply Chain Management. Supply Chain Management deals with the entire array of sourcing, procurement, conversion, and logistics management activities. Organizations must rely on effective supply chains to coordinate the vast array of inputs and outputs of globally networked companies.

### Career Options

Employment outlook appears strong through 2014 for front line Supervisors/Managers of Production/Operating Workers with 860 new jobs per year and hourly rates of pay at \$24.15. Upper management positions including General and Operations Managers will experience an average annual growth of 1,894 workers per year and wage rates of \$45.63 and would require additional education and experience.

### Program Learning Outcomes

Students who complete the Logistics Supply Chain Management program will be employable in a variety of management positions in which they can:

1. Demonstrate an understanding of Supply Chain management.
2. Differentiate between an internal and external supply chain.
3. Differentiate between make to stock and make to order strategies.
4. Differentiate between a push and pull manufacturing system.

## Program Sequence

### First Semester

+	ACC111	Financial Accounting	4
+	BUS221	Business Law	3
+	MGT110	Management	3
	MTH109	College Algebra	3
+	SCM220	Operations Management	<u>3</u>
			16

### Second Semester

	ENG111	Composition I	3
+	MGT120	Supervision	3
+	SCM200	Supply Chain Management	3
+	SCM230	Physical Distribution Logistics	3
	STA220	Statistics	<u>3</u>
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- + Students must attain a 2.00 grade point average in these technical courses to graduate.

*\*\* Course curriculum is subject to change. Please consult with an Academic Advisor for up-to-date information*

## Contact Information

### For Program Information, Contact:

Von Plessner, Dean  
Business Division  
(419) 267-1348  
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### For Admissions Information, Contact:

Admissions Office  
(419) 267-1320



# Business Technologies Division

The Business Technologies Division at Northwest State offers a variety of degree, certificate and licensing programs that provide the skills needed to help students who are seeking a new and rewarding career in business. These programs also benefit students who are interested in advancing their current careers.

Many of the associate degrees offered in the Business Technologies Division offer a two-plus-two option. This means that students can earn the first two years of a bachelor's degree at Northwest State and transfer seamlessly into their junior year at a four-year college or university.

Degree and Certificate programs offered through the Business Technologies Division include:

## **Associate of Applied Science**

Pre Business Administration

## **Associate of Applied Business**

Accounting

Business Management

Forensic Accounting

Logistics & Supply Chain Management

Paralegal Studies

Public Administration & Non-Profit Management (Proposed)

Visual Communications Technologies

## **Business Management**

Banking & Finance

Entrepreneurship

Human Resource Management

International/Global Business

Marketing & Retailing

## **Information Technology**

Computer Programming

Internet Security

Network Administration

Web Site Administration

## **Office Administrative Services**

Office Administration

Office Administration – Legal Support

Office Administration – Medical Support

Office Administration – Office Management

The following elective lists should be used unless specified on the program page.

## **General Studies Electives:**

Any 100- or 200-level course with one of the following prefixes: BIO, CHM, ECO, ENG, GEO, GSD, HIS, HUM, MTH, PHI, PHY, PSY, SPN, SSC, or STA

(or)

HST212 Substance Abuse

HST240 Social Problems

HST242 Marriage and the Family

## **General Education:**

For Northwest State Core Requirements, see page 30. For the NSCC Transfer Module, see page 36.

## **Algebra**

1. Meet course placement results for MTH090 Intermediate Algebra proficiency.
2. Intermediate Algebra or Algebra II in high school and ACT  $\geq$  22.
3. College equivalent (MTH090 Intermediate Algebra) with a minimum grade of "S."

MTH080 proficiency is required for all NSCC Associate Degree graduates; however, individual programs may require a higher mathematics competence. This requirement may be fulfilled by placement test, proficiency test, or by taking the course.

## **Humanities Electives:**

ENG223	Interpretation of Literature
ENG230	Children's Literature
ENG234	Narrative Literature of the Old Northwest Territory
ENG240	Introduction to Poetry
ENG241	Introduction to Fiction
ENG250	American Literature Through the Mid-19 <sup>th</sup> Century
ENG251	American Literature Since the Mid-19 <sup>th</sup> Century
ENG260	British Literature Through the 18th Century
ENG261	British Literature 19th Century to Present
ENG271	Non-Western Literature
HUM209	Humanities and Cultures: Ancient & Medieval Worlds
HUM210	Humanities and Cultures: Renaissance to Present
HUM221	Music Appreciation
HUM230	Art Appreciation
PHI110	Critical Thinking & Logic
PHI201	Introduction to Philosophy
PHI210	Ethics
PHI220	Ethics in Health Care
PHI222	Ethics in the Helping Professions
PHI230	World Religions

## **Social/Behavioral Science Electives:**

HIS101	U.S. History Pre-1876
HIS102	U.S. History Post-1876
HIS203	U.S. Since 1945
HIS210	The Modern World
HIS234	History of the Old Northwest Territory
PSY110	General Psychology
PSY220	Social Psychology
SSC101	Sociology
SSC110	General Anthropology
SSC120	American Government
SSC130	Comparative Government
SSC210	Cultural Diversity

## **Prerequisites:**

All students are required to demonstrate proficiency in reading, writing, mathematics, keyboarding, and computers based on scores on the assessment test or by taking the recommended classes. If you have not taken these tests, stop by the Admissions Office in C102 or call (419) 267-1320 for information or referral to testing.

Some courses listed in this program have specific prerequisites. It is strongly recommended that students without prior accounting instruction take ACC090, Introduction to Accounting, BEFORE registering for Financial Accounting. See prerequisites required for each course in the Course Description section of the College catalog.

## **Keyboarding Competency:**

1. High School keyboarding course with a minimum grade of "C."
2. Successfully complete or proficiency OAS090, Keyboarding Basics, or equivalent.

## **Computer Competency**

1. High school microcomputer course with a minimum grade of "C" since 1992.
2. Successfully complete or proficiency CIS090 Introduction to Computers or equivalent.

## **Course Sequence:**

This is a suggested sequence of courses for full-time students. If you are a part-time student, or have transferred courses from another school, you should generally complete courses listed under the first semester before moving on to semester 2, 3, and then 4. Elective courses may be taken at any time. Please meet with your advisor to develop a personalized schedule which will meet your needs. Your advisor can help you make any necessary changes to this recommended sequence.