

STATE UNIVERSITY OF NEW YORK
COLLEGE OF TECHNOLOGY
CANTON, NEW YORK



MASTER SYLLABUS

COURSE NUMBER – COURSE NAME
BSAD 309 - Supply Chain Management

CIP Code: 52.0299

*For assistance determining CIP Code, please refer to this webpage
<https://nces.ed.gov/ipeds/cipcode/browse.aspx?v=55>
or reach out to Sarah Todd at todds@canton.edu*

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School of Business and Liberal Arts

Department: Business

Semester/Year: Spring/2023

- A. TITLE: Supply Chain Management
- B. COURSE NUMBER: BSAD 309
- C. CREDIT HOURS: (Hours of Lecture, Laboratory, Recitation, Tutorial, Activity)

Credit Hours: 3
 # Lecture Hours: 3 per week
 # Lab Hours: per week
 Other: per week

Course Length: 15 Weeks

- D. WRITING INTENSIVE COURSE: Yes No

- E. GER CATEGORY: None: Yes: GER
If course satisfies more than one: GER

- F. SEMESTER(S) OFFERED: Fall Spring Fall & Spring

- G. COURSE DESCRIPTION:

This course introduces students to supply chain management. Students will learn about supply chain design, planning, and operations, and how to use supply chains to gain strategic advantage. Supply chain topics covered include: distribution & transportation networks, sustainability, planning and coordination, customer and supplier relationships, sourcing, current events and trends.

- H. PRE-REQUISITES: None Yes If yes, list below:

(BSAD 100 or HSMB 101 or EADM 201) and minimum 30 credit hours.

CO-REQUISITES: None Yes If yes, list below:

- I. STUDENT LEARNING OUTCOMES: (*see key below*)

By the end of this course, the student will be able to:

<u>Course Student Learning Outcome</u> <i>[SLO]</i>	<u>Program Student Learning Outcome</u> <i>[PSLO]</i>	<u>GER</u> <i>[If Applicable]</i>	<u>ISLO & SUBSETS</u>
Describe the goals of supply chain management and explain the impact of supply chain decisions on the organization			5-Ind, Prof, Disc, Know Skills ISLO ISLO Subsets Subsets Subsets

				Subsets
Explain how the 6 major supply chain drivers interact with each other and how decisions regarding those drivers will affect the supply chain.			5-Ind, Prof, Disc, Know Skills ISLO ISLO	Subsets Subsets Subsets Subsets
Discuss/describe the strengths and weaknesses of supply chain distribution & transportation network options.			5-Ind, Prof, Disc, Know Skills ISLO ISLO	Subsets Subsets Subsets Subsets
Explain supply chain coordination and how managers can improve supply chain coordination.			5-Ind, Prof, Disc, Know Skills ISLO ISLO	Subsets Subsets Subsets Subsets
Describe the role of different transportation modes in a supply chain.			5-Ind, Prof, Disc, Know Skills ISLO ISLO	Subsets Subsets Subsets Subsets
Identify opportunities for improved sustainability along the major supply chain drivers.			4-Soc Respons ISLO ISLO	ER None Subsets Subsets
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KEY	<u>Institutional Student Learning Outcomes [ISLO 1 – 5]</u>
ISLO #	ISLO & Subsets
1	Communication Skills Oral [O], Written [W]
2	Critical Thinking <i>Critical Analysis [CA], Inquiry & Analysis [IA], Problem Solving [PS]</i>
3	Foundational Skills <i>Information Management [IM], Quantitative Lit./Reasoning [QTR]</i>

4	Social Responsibility <i>Ethical Reasoning [ER], Global Learning [GL], Intercultural Knowledge [IK], Teamwork [T]</i>
5	Industry, Professional, Discipline Specific Knowledge and Skills

*Include program objectives if applicable. Please consult with Program Coordinator

J. APPLIED LEARNING COMPONENT: Yes No

If YES, select one or more of the following categories:

- Classroom/Lab
- Internship
- Clinical Placement
- Practicum
- Service Learning
- Community Service

- Civic Engagement
- Creative Works/Senior Project
- Research
- Entrepreneurship
(program, class, project)

K. TEXTS:

Chopra, S. (2019). Supply Chain Management: Strategy, Planning, and Operation. NY: Pearson. or similar textbook/OER resources.

L. REFERENCES:

M. EQUIPMENT: None Needed:

N. GRADING METHOD: A-F

O. SUGGESTED MEASUREMENT CRITERIA/METHODS:

Exams/quizzes, assignments, case studies/small project, presentations/reports.

P. DETAILED COURSE OUTLINE:

I. Introduction and Strategy

- A. Supply chain management**
- B. Strategic fit**
- C. Supply chain drivers and metrics**
- D. Risk in supply chains**

II. Supply Chain Design

- A. Distribution networks**
- B. Network design**

III. Transportation in a supply chain

- A. Modes of transportation**
- B. Transportation services market**
- C. Design options for a transportation network**

IV. Managing customer and supplier relationships

- A. Customer relationships**
- B. Supplier evaluation and relationships**
- C. Sourcing decisions (purchasing)**

V. Planning and Coordinating Demand & Supply

- A. Introduction to forecasting and aggregate planning**
- B. Sales and operations planning**
- C. Coordination in a supply chain**

VI. Other topics (by interest and as time permits) such as:

- A. Supply chain sustainability**
- B. Current events and trends**
- C. Exploring supply chains (e.g., Grocery supply chain, Apparel supply chain)**

Q. LABORATORY OUTLINE: **None** **Yes**