



COURSE OUTLINE: SCM105 - TECH COMP APP SCM

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Approved: Sherri Smith, Chair, Natural Environment, Business, Design and Culinary

Course Code: Title	SCM105: TECH & COMP APPS IN SUPPLY CHAIN MGMT
Program Number: Name	2180: SUPPLY CHAIN MANAGEM
Department:	BUSINESS/ACCOUNTING PROGRAMS
Academic Year:	2022-2023
Course Description:	This course examines various aspects of computer applications supporting logistics and supply chain processes, analysis and decision-making applications for planning and scheduling, data mining and research tools for supportive decision-making, and Microsoft Office Suite applications for professional presentations and documents.
Total Credits:	3
Hours/Week:	3
Total Hours:	42
Prerequisites:	There are no pre-requisites for this course.
Corequisites:	There are no co-requisites for this course.
Vocational Learning Outcomes (VLO's) addressed in this course:	2180 - SUPPLY CHAIN MANAGEM
Please refer to program web page for a complete listing of program outcomes where applicable.	VLO 9 Use available technologies to enhance work performance and support supply chain functions, processes, transactions and communications.
Essential Employability Skills (EES) addressed in this course:	EES 6 Locate, select, organize, and document information using appropriate technology and information systems. EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.
Course Evaluation:	Passing Grade: 50%, D A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.
Other Course Evaluation & Assessment Requirements:	Learning Activities: Lectures, required readings, seminars, case studies, papers, class discussion and problem-solving, podcasts, videos, content expert presentations Assignments: All assignments are due on the applicable date at the beginning of class. Assignments are to be submitted via the Learning Management System (LMS). Late Assignments: Late assignments will not be accepted. There are no make-up (additional) assignments and submission deadlines are adhered to in this course. If you have extenuating circumstances, please advise the Professor.



Missed Tests / Exams: There are no make-up (additional) opportunities for exams or missed tests / quizzes. If you have extenuating circumstances, please advise the Professor.

Books and Required Resources:

Information Systems: A Manager’s Guide to Harnessing Technology by John Gallaugher
 Publisher: FlatWorld Edition: 2018

Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
Develop an introductory understanding of business and industry.	1.1 Discuss how technology can be used in business and industrial applications. 1.2 Understand the evolution of technology in supply chain management. 1.3 Explain the benefit analysis of technology use.
Course Outcome 2	Learning Objectives for Course Outcome 2
Engage in strategic and technology activities related to supply chain.	2.1 Understand business strategies using technology. 2.2 Explain how technology is transforming business.
Course Outcome 3	Learning Objectives for Course Outcome 3
Undertake data gathering activities.	3.1 Understanding the importance of data and data gathering methods. 3.2 Explain the principles of data mining.
Course Outcome 4	Learning Objectives for Course Outcome 4
Develop and practice spreadsheets and databases.	4.1 Learn how to use Microsoft Excel spreadsheets. 4.2 Discuss the use of Microsoft Access and other databases. 4.3 Analyze customer data using spreadsheets.
Course Outcome 5	Learning Objectives for Course Outcome 5
Discuss and understand technology changes and impacts.	5.1 Discuss the implications of technology changes on business. 5.2 Understand the impacts of an ever changing digital world.
Course Outcome 6	Learning Objectives for Course Outcome 6
Create and refine business documents and reports.	6.1 Learn how to use Microsoft Word. 6.2 Prepare business documents and reports.
Course Outcome 7	Learning Objectives for Course Outcome 7
Understand Enterprise Resource Planning processes and activities.	7.1 Understand operations management and enterprise resource planning. 7.2 Discuss the information flow related to business activities.
Course Outcome 8	Learning Objectives for Course Outcome 8
Undertake professional presentations.	8.1 Learn how to use Microsoft PowerPoint 8.2 Understand how to give a professional presentation
Course Outcome 9	Learning Objectives for Course Outcome 9
Understand relevant technology and logistics used in the supply chain field.	9.1 Understand the use of technology in warehousing and transportation. 9.2 Explain how to optimize technology to efficiently move products.



	Course Outcome 10	Learning Objectives for Course Outcome 10
	Research technology and tools used in the supply chain field.	10.1 Discuss tools and technology used for research. 10.2 Understanding data for research. 10.3 Analyzing processes and decision making.
	Course Outcome 11	Learning Objectives for Course Outcome 11
	Discuss and understand the role of Social Media in supply chain.	11.1 Understand the role social media plays in today's business 11.2 Explain different social media platforms and their effectiveness

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Assignment #1	25%
Assignment #2	25%
Participation	10%
Presentation	20%
Quizzes	20%

Date: June 1, 2022

Addendum: Please refer to the course outline addendum on the Learning Management System for further information.