



## COURSE OUTLINE: SCM105 - TECH COMP APP SCM

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Approved: Bob Chapman - Dean

<b>Course Code: Title</b>	SCM105: TECH & COMP APPS IN SUPPLY CHAIN MGMT
<b>Program Number: Name</b>	2180: SUPPLY CHAIN MANAGEM
<b>Department:</b>	BUSINESS/ACCOUNTING PROGRAMS
<b>Academic Year:</b>	2025-2026
<b>Course Description:</b>	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.
<b>Total Credits:</b>	3
<b>Hours/Week:</b>	3
<b>Total Hours:</b>	42
<b>Prerequisites:</b>	There are no pre-requisites for this course.
<b>Corequisites:</b>	There are no co-requisites for this course.
<b>Vocational Learning Outcomes (VLO's) addressed in this course:</b>	<b>2180 - SUPPLY CHAIN MANAGEM</b>
<b>Please refer to program web page for a complete listing of program outcomes where applicable.</b>	VLO 9 Use available technologies to enhance work performance and support supply chain functions, processes, transactions and communications.
<b>Essential Employability Skills (EES) addressed in this course:</b>	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.
<b>Course Evaluation:</b>	Passing Grade: 50%, D  A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.
<b>Other Course Evaluation &amp; Assessment Requirements:</b>	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: 10.1  
 ISBN: 979-8-88794-635-1

**Course Outcomes and Learning Objectives:**

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



		products.
	<b>Course Outcome 10</b>	<b>Learning Objectives for Course Outcome 10</b>
	Research technology and tools used in the supply chain field.	10.1 Explore tools and technology used for research. 10.2 Manipulate data for research. 10.3 Analyze processes for decision making.
	<b>Course Outcome 11</b>	<b>Learning Objectives for Course Outcome 11</b>
	Validate the role of Social Media in supply chain.	11.1 Explore the role social media plays in today`s business. 11.2 Explain different social media platforms and their effectiveness.
<b>Evaluation Process and Grading System:</b>	<b>Evaluation Type</b>	<b>Evaluation Weight</b>
	Assignment #1	25%
	Assignment #2	25%
	Participation	10%
	Presentation	20%
	Quizzes	20%
<b>Date:</b>	August 19, 2025	
<b>Addendum:</b>	Please refer to the course outline addendum on the Learning Management System for further information.	