

## Course Information

<b>Course Title:</b>	SCM Concepts and Applications
<b>Course Number:</b>	MAN2159
<b>Credit Hours:</b>	3 credit hours
<b>Course Description:</b>	This course provides an in-depth study of Supply Chain Management (SCM) functions and the application of effective SCM strategies and practices to achieve improved operations in manufacturing and service organizations. It focuses on analysis of real-world SCM challenges, strategies, and techniques.
<b>Required Texts:</b>	<i>Supply Chain Management DeMystified</i> , author-John M. McKeller, McGraw Hill Education 2014, ISBN: 978-0-07-180512-4  <i>Fundamentals of Supply Chain Management</i> , author - Dr. Dawei Lu, Ventus Publishing ApS 2011, ISBN: 978-87-7681-798-5 *Free book available on <a href="http://bookboon.com">bookboon.com</a>
<b>Technical Requirements:</b>	Access to Microsoft Word, Excel <a href="#">Computer Requirements and Technical Support</a>

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## Faculty Information

<b>Instructor:</b>	April Carpenter, C.P.I.M., M.B.A.
<b>Department:</b>	Business Management
<b>Course Email:</b>	Please use course e-mail
<b>Emergency Email:</b>	<a href="mailto:april.carpenter@sinclair.edu">april.carpenter@sinclair.edu</a>
<b>Phone:</b>	937-512-3309
<b>Office Location:</b>	4-130
<b>Office Hours (campus):</b>	T/TH 9-10:30 am, W 9-11 am
<b>Office Hours (online):</b>	Please call or email me to arrange a time to chat

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## Course Outcomes

### General Education Outcomes:

#### Written Communication Competency

Read and respond critically

### **Critical Thinking/Problem Solving Competency**

Raise relevant questions

Articulate ideas or problems

Exhibit openness to alternative ideas

### **Information Literacy Competency**

Access information using library resources, electronic resources and/or field resources

### **Values/Citizenship/Community Competency**

Reflect on personal values

### **Course Outcomes:**

**Strategic Impact of SCM** - Apply various strategies to real world problems and evaluate their impact on integrated SCM operations.

**Operational Functions of SCM** - Apply real world understanding of interrelationships and contributions of the operational functions necessary for effective SCM using relevant case studies.

**IT tools and Applications** - Utilize IT tools and applications to solve SCM quantitative problems.

**Demand Forecasting and Resource Planning** - Calculate demand forecasts and determine resource requirements using IT applications

**Quality, Globalization, and Ethics Issues** - Research and report on the implications of quality, globalization, and ethics within SCM operations.

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## **Course Requirements**

Here are the textbook chapters that are relevant to each topic.

<b>WEEK</b>	<b>TOPICS</b>	<b>CHAPTERS</b>
<b>1</b>	What is SCM and Why Do We Study It?	Chapter 1: Basic Supply Chain Management Concepts (DeMystified) Chapter 1: Introduction-Why SCM? (Fundamentals)
<b>2</b>	Organizing the Supply Group	Chapter 2: Supply Chain Collaboration (DeMystified)
<b>3</b>	Supply Management as a Competitive Strategy	Chapter 3: Supply Chain Strategies and Planning (DeMystified), Chapter 3: Supply Chain Design and Planning (Fundamentals)
<b>4</b>	Test 1 - covers content from topics 1-3	

<b>5</b>	Supply Processes and Technology	Chapter 4: Sourcing and Supply Management (DeMystified)
<b>6</b>	Make vs. Buy and Outsourcing Decisions, Global Supply Management	Chapter 4: Sourcing and Supply Management (DeMystified) and Chapter 2: Global Supply Chain Operations (Fundamentals)
<b>7</b>	Supplier Selection, Evaluation and Relationships, Negotiation	Chapter 6: Purchasing and Supplier Selection (Fundamentals) and Chapter 7: Relationships and Integration (Fundamentals)
<b>8</b>	Need Identification, The Role of Quality in SCM and Specifications	Online lessons only
<b>9</b>	Test 2 - covers content from topics 5-8	
<b>10</b>	Managing Inventory and Production Across the Supply Chain	Chapter 5: Manufacturing and Production (DeMystified), Chapter 4: Lean Supply Management (Fundamentals) and Chapter 5: Agile Supply Management (Fundamentals)
<b>11</b>	Human Resource Strategy for Competitive Advantage	Online lessons only
<b>12</b>	Logistics, Delivery, Warehousing and Inventory	Chapter 6: Delivery (DeMystified)
<b>13</b>	Supply Chain Risks, Legal and Ethical Responsibility	Chapter 7: Supply Chain Risk and Chapter 9: Corporate Social Responsibility (DeMystified)
<b>14</b>	SCM Contribution to Improved Operational Performance	Chapter 8: Supply Chain Performance Metrics (DeMystified)
<b>15</b>	The Future of Supply Chain Management	Chapter 10: The Future of Supply Chain Management (DeMystified) and Chapter 8: The Future Challenges (Fundamentals)
<b>16</b>	Test 3 - covers content from topics 10-15	

Course Outline, Assignments, Point Values and Due Dates:

WEEK	TOPICS	ASSIGNMENT	DUE DATE
1	What is SCM and Why Do We Study It?	Student Introduction - Discussion Forum - 5 points SCM Jobs Assignment - Drop Box- 20 points Rommy Picks A Career Case - Drop Box - 10 points	01/17
2	Organizing the Supply Group	Cross Functional Teams - Discussion Forum - 5 points North Eastern Equipment Company - Drop Box - 25 points	01/23
3	Supply Management as a Competitive Strategy	SWOT Analysis - Drop Box - 25 points Forecaster Simulation - Drop Box - 25 points	01/30
4	Test #1	Covers topics 1-3, 50 points, 50 minutes to take the test, 25 questions	02/06
5	Supply Processes and Technology	Metropolitan University - Drop Box- 25 points	02/13
6	Make or Buy, Insourcing, and Outsourcing	B&L Inc. - Discussion Forum - 25 points	02/20
7	Supplier Selection, Evaluation and Relationships, Negotiation	Calculate a Value Index - Drop Box - 10 points Old Oak Furniture Case - Discussion - 25 points Iris and Stanley Negotiation - Discussion 25 points	02/27
8	Need Identification, The Role of Quality in SM and Specifications	The Pencil Spec - Discussion - 25 points Quality Success Stories - Discussion Forum - 25 points	03/04*Due before Spring Break
Spring Break 03/06-03/11		Spring Break	

9	Test #2	Covers topics 5-8, 50 points, 50 minutes, 25 Questions	03/13
10	Managing Inventory and Production Across the Supply Chain	MPS Problem - Drop Box - 25 points The Privileged Fly Case - Discussion - 25 points Backwards Scheduling (MRP) Problem - 25 points	03/20
11	Human Resource Strategy for Competitive Advantage	Virtual Company Tour: Sticky Furniture - Drop Box - 25 points	03/27
12	Logistics, Delivery, Warehousing and Inventory	Calculate In-Transit Inventory - Drop Box - 10 points Inventory Problems - Drop Box - 20 points The Inventory Octopus - Drop Box - 20 points	04/03
13	Supply Chain Risks, Legal and Ethical Responsibility	The Case of the Secret Discount - Discussion - 25 points Green Policies - Discussion - 10 points	04/10
14	Supply Chain Contribution to Improved Operational Performance	The Distribution Challenge - Drop Box - 25 points PMI Index - Drop Box - 25 points	04/17
15	The Future of Supply Chain Management	The Challenges Ahead - Discussion - 20 points	04/24
16	Test #3	Covers topics 10-15, 50 points, 50 minutes, 25 Questions	05/01

GRADING SCALE	PERCENTAGE
A	90-100
B	80-89
C	70-79
D	60-69

F	Below 60
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## Course Policies

### Attendance/Participation Policy:

Online courses are considered to begin on the **first day of the semester**. In order to show attendance/participation in this course, students are expected to login to the course every week and complete each week's activities by the due date on the **Course Home page**, **When Assignments are Due**, and **Syllabus**.

### Late Assignments:

Any submission posted after the deadline (regardless of reason late) is subject to a 5 point reduction. Student must contact instructor within 3 days of original due date to determine a make-up date. Drop boxes, Discussion Forums and Quizzes will expire on the due date and time. Special arrangements need to be made for the assignment to be re-opened for late submission. A student is allowed 1 late submission.

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## Testing Information

All three tests will be taken in eLearn. Refer to the **Course Calendar and When Assignments Are Due** for due dates.

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## Sinclair Policies

### Sinclair Academic Resources and Policies:

Click the link below to view policies such as dropping a course, withdrawing from college, late registrations, change of schedule, administrative withdrawal, grades, student behavior guidelines, safety and security, academic and other counseling. Understanding these policies is the responsibility of every student.

[Academic Resources and Policies](#)

### Sinclair Semester Dates:

Click the link below to view important semester dates such as registration deadlines, payment deadlines, start and end dates for the semester as well as the last day to withdraw with a refund and the last day that withdrawal is allowed.

[Sinclair Semester Dates](#)

### Sinclair Honor Code and Academic Integrity Policy:

[Sinclair Honor Code](#)

[Sinclair Academic Integrity Policy](#)

[Academic Integrity Presentation \(Prezi Presentation\)](#)