

Supply Chain Management

Supply Chain Management (SCM)

Students in the Supply Chain Management degree program gain the knowledge and skills needed to oversee interconnected businesses by coordinating activities among suppliers, warehousing operations, shipping, and customers. Students also develop understanding of processes for moving, tracking, and distributing raw or in-process materials as well as finished goods.

Graduates earn an Associate of Applied Business degree and are prepared for entry-level employment in areas such as inventory management, material handling, warehousing, logistics, traffic and transportation, or procurement. Graduates also are prepared to take the Level One Supply Chain Professional certification exam offered by the Council of Supply Chain Management Professionals.

Supply Chain Management Certificate (SCMC)

The Supply Chain Management Certificate prepares students for employment in several key areas of the supply chain field, including purchasing, warehousing, transportation, manufacturing, and order fulfillment. Graduates of the certificate program are also prepared to take the Level One Supply Chain Professional certification exam offered by the Council of Supply Chain Management Professionals.

For more information, please contact the Business Technologies Division at (513) 569-1620.

Supply Chain Management (SCM)

Semester 1		Lec	Lab	Credits
ENG 101	English Composition 1 (G)	3	0	3
IM 120	Electronic Spreadsheets: Microsoft Excel (B)	2	3	3
LAW 101	Business Law (B)	3	0	3
SCM 105	Principles of Supply Chain Management (B)	3	0	3
FYE 1XX First Year Experience Elective (B)		1	0	1
MAT 1XX Mathematics Elective (G)		3	0	3
Semester 2				
ACC 101	Financial Accounting (B)	2	2	3
BUS 190	Professional Practices (B)	1	0	1
MGT 101	Principles of Management (B)	3	0	3
SCM 110	Warehousing and Distribution (T)	2	2	3
ENG 10X English Composition Elective		3	0	3
Semester 3				
SCM 291	Full-Time Cooperative Education 1: Supply Chain Management (T)	1	40	2
Semester 4				
IT 150	Logistics and Distribution Technology (T)	2	2	3
MGT 140	Quality Management (T)	3	0	3
SCM 120	Transportation Systems (T)	3	0	3
SCM 210	Procurement Management (T)	3	0	3
XXX XXX Arts/Humanities Elective or Social/Behavioral Science Elective (G)		3	0	3
Semester 5				

SCM 205	Inventory Management and Control (T)	3	0	3
SCM 290	Supply Chain Management Capstone (T)	2	2	3
XXX XXX Technical Elective 1 (T)		3	0	3
XXX XXX Technical Elective 2 (T)		3	0	3
Semester 6				
SCM 292	Full-Time Cooperative Education 2: Supply Chain Management (T)	1	40	2
Total Credits:		53	91	60

Electives

First Year Experience Elective

FYE 100	College Survival Skills	1
FYE 105	College Success Strategies	2
FYE 110	Community College Experience	3

English Composition Elective

ENG 102	English Composition 2: Contemporary Issues	3
ENG 103	English Composition 2: Writing about Literature	3
ENG 105	English Composition 2: Business Communication	3

Mathematics Elective

MAT 115	Pre-Statistics	3
MAT 121	Technical Algebra and Geometry with Statistics	3
MAT 125	Algebra and Trigonometry	4
MAT 131	Statistics 1	3
MAT 151	College Algebra	4

Arts/Humanities Elective or Social/Behavioral Science Elective

Any Transfer Module course from ART, LIT, MUS, PHI, REL, THE, or COMM 130	3
or, any Transfer Module course from ECO, GEO, HST, LBR, POL, PSY, SOC	3

Technical Elective

ACC 102	Managerial Accounting	3
CET 115	Architectural Drafting and Computer Aided Design	4
EET 101	Electronic Fundamentals 1	3
EMET 210	Energy Efficiency and Audits	3
EVT 187	Materials Transportation Safety and Security	2
MGT 130	Project Management	3

Supply Chain Management Certificate (SCMC)

Semester 1		Lec	Lab	Credits
SCM 105	Principles of Supply Chain Management	3	0	3
SCM 110	Warehousing and Distribution	2	2	3
Semester 2				
SCM 120	Transportation Systems	3	0	3
SCM 205	Inventory Management and Control	3	0	3
Semester 3				
SCM 210	Procurement Management	3	0	3

XXX XXX Technical Elective	3	0	3
Total Credits:	17	2	18

Electives

Technical Elective

IT 150	Logistics and Distribution Technology	3
MGT 140	Quality Management	3
SCM 290	Supply Chain Management Capstone *	3

* Students cannot take SCM 290 and SCM 210 in the same semester.

Faculty

Program Chair

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Courses

SCM 105 Principles of Supply Chain Management

3 Credits. 3 Lecture Hours. 0 Lab Hour.

A course on fundamentals of supply chain management and operations. Topics include: logistics, distribution, warehousing, material handling, material flow, transportation, procurement, and tracking.

Prerequisites: AFL 080 or appropriate placement test score

SCM 110 Warehousing and Distribution

3 Credits. 2 Lecture Hours. 2 Lab Hours.

A course on warehouse management and distribution skills, including OSHA General Industry Training and forklift operator safety training. Topics include: material handling equipment, information technology tools, receiving, order picking, shipping, inventory management, and storage.

Prerequisites: None

SCM 120 Transportation Systems

3 Credits. 3 Lecture Hours. 0 Lab Hour.

A course on laws, policies, and procedures related to transportation by ground, rail, air, and water. Topics include: planning, traffic management, environmental compliance, and relationships among suppliers, producers, and consumers.

Prerequisites: None

SCM 191 Part-Time Cooperative Education 1: Supply Chain Management

1 Credit. 1 Lecture Hour. 20 Lab Hours.

Students seeking an associate's degree participate in their first part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: BUS 190

SCM 192 Part-Time Cooperative Education 2: Supply Chain Management

1 Credit. 1 Lecture Hour. 20 Lab Hours.

Students seeking an associate's degree participate in their second part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: SCM 191

SCM 193 Part-Time Cooperative Education 3: Supply Chain Management**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their third part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: SCM 192

SCM 194 Part-Time Cooperative Education 4: Supply Chain Management**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their fourth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: SCM 193

SCM 195 Part-Time Cooperative Education 5: Supply Chain Management**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their fifth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: SCM 194

SCM 196 Part-Time Cooperative Education 6: Supply Chain Management**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their sixth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: SCM 195

SCM 198 First Year Special Topics in Supply Chain Management**1-9 Credits. 0 Lecture Hour. 0 Lab Hour.**

A course on selected topics related to Supply Chain Management, which gives students opportunities to study information not currently covered in other courses. Grades issued are A, B, C, D, or F.

Prerequisites: Vary by section

SCM 199 First Year Independent Project in Supply Chain Management**1-9 Credits. 0 Lecture Hour. 0 Lab Hour.**

A project related to Supply Chain Management that is completed by one or more students to meet specific educational goals. Projects must have prior approval and supervision by Supply Chain Management faculty. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: Vary by section

SCM 205 Inventory Management and Control**3 Credits. 3 Lecture Hours. 0 Lab Hour.**

A course on inventory management and movement of materials. Topics include: independent and dependent demand methods, material management, manufacturing principles, predicting demand, just-in-time operations, quality control, and tracking and logistics technologies.

Prerequisites: SCM 105

SCM 210 Procurement Management**3 Credits. 3 Lecture Hours. 0 Lab Hour.**

A course on procurement principles and practices. Topics include: strategic planning, quality control, purchasing laws and ethics, cost estimating, contract management, inventory control, and risk management.

Prerequisites: SCM 105

SCM 290 Supply Chain Management Capstone**3 Credits. 2 Lecture Hours. 2 Lab Hours.**

Students use case studies and simulations to examine the entire scope of Supply Chain Management, including functional and decision-making areas such as distribution, transportation, inventory management, procurement, and logistics.

Prerequisites: SCM 210

SCM 291 Full-Time Cooperative Education 1: Supply Chain Management**2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their first full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: BUS 190

SCM 292 Full-Time Cooperative Education 2: Supply Chain Management**2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their second full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: SCM 291

SCM 293 Full-Time Cooperative Education 3: Supply Chain Management**2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their third full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: SCM 292

SCM 294 Internship 1: Supply Chain Management**2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their first unpaid field learning experience related to their degree. Students must follow applicable policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: BUS 190

SCM 295 Internship 2: Supply Chain Management**2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their second unpaid field learning experience related to their degree. Students must follow applicable policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: SCM 294

SCM 298 Second Year Special Topics in Supply Chain Management**1-9 Credits. 0 Lecture Hour. 0 Lab Hour.**

A course on selected topics related to Supply Chain Management, which gives students opportunities to study information not currently covered in other courses. Grades issued are A, B, C, D, or F.

Prerequisites: Vary by section

SCM 299 Second Year Independent Project in Supply Chain Management**1-9 Credits. 0 Lecture Hour. 0 Lab Hour.**

A project related to Supply Chain Management that is completed by one or more students to meet specific educational goals. Projects must have prior approval and supervision by Supply Chain Management faculty. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: Vary by section