

Supply Chain Management

Supply Chain Management (A25620)

Degree Awarded

The Associate in Applied Science Degree in Supply Chain Management is awarded by the college upon completion of this program

For more information, call the Business & Accounting Division office at 704.330.4228 or check the Business & Accounting Division website.

Associate in Applied Science Degree in Supply Chain Management (A25620)

General Education Requirements

ENG 111	Writing and Inquiry	3.0
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Select 3 credits from the following:	3.0
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ENG 112	Writing and Research in the Disciplines	
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ENG 113	Literature-Based Research	
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ENG 114	Professional Research & Reporting	
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COM 110	Introduction to Communication	
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COM 231	Public Speaking	
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Select 3 credits from the following:	3.0
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MAT 143	Quantitative Literacy	
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MAT 152	Statistical Methods I	
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Select 3 credits from the following:	3.0
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HIS 111	World Civilizations I	
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HIS 112	World Civilizations II	
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HIS 131	American History I	
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HIS 132	American History II	
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POL 120	American Government	
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PSY 150	General Psychology	
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SOC 210	Introduction to Sociology	
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Select 3 credits from the following:	3.0
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ART 111	Art Appreciation	
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ART 114	Art History Survey I	
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ART 115	Art History Survey II	
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DRA 111	Theatre Appreciation	
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HUM 120	Cultural Studies	
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HUM 130	Myth in Human Culture	
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MUS 110	Music Appreciation	
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MUS 112	Introduction to Jazz	
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PHI 215	Philosophical Issues	
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PHI 240	Introduction to Ethics	
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REL 110	World Religions	
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Major Requirements

LOG 110	Introduction to Logistics	3.0
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ACA 122	College Transfer Success	1.0
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ACC 120	Principles of Financial Accounting	4.0
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BUS 115	Business Law I	3.0
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CIS 110	Introduction to Computers	3.0
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Select one of the following courses:	3.0
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ECO 151	Survey of Economics	
ECO 251	Principles of Microeconomics	
ECO 252	Principles of Macroeconomics	
LOG 125	Transportation Logistics	3.0
LOG 215	Supply Chain Management	3.0
LOG 235	Import/Export Management	3.0
LOG 240	Purchasing Logistics	3.0
LOG 250	Advanced Global Logistics	4.0
BUS 137	Principles of Management	3.0
MKT 120	Principles of Marketing	3.0
INT 110	International Business	3.0

Technical Electives

Select 7 credits from the following:	7.0
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ACC 121	Principles of Managerial Accounting	
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BAS 120	Introduction to Analytics	
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BAS 121	Data Visualization	
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BUS 139	Entrepreneurship I	
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BUS 153	Human Resource Management	
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BUS 240	Business Ethics	
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INT 180	Travel Study Abroad	
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MKT 224	International Marketing	
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WBL 111	Work-Based Learning I	
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WBL 112	Work-Based Learning II	
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ACC 140	Payroll Accounting	
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ACC 149	Introduction to Accounting Spreadsheets	
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BUS 152	Human Relations	
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ECM 210	Introduction to E-Commerce	
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MKT 232	Social Media Marketing	
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BUS 112	SIFE Business Development	
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BUS 110	Introduction to Business	
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OMT 110	Intro to Operations Mgmt	
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FRE 111	Elementary French I	
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& FRE 181	and French Lab 1	
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GER 111	Elementary German I	
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& GER 181	and German Lab 1	
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SPA 111	Elementary Spanish I	
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& SPA 181	and Spanish Lab 1	
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LOG 211	Distribution Management	
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Total Credits	64
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LOG 110. Introduction to Logistics. 3.0 Credits. Class-3.0. Clinical-0.0. Lab-0.0. Work-0.0

This course provides an overview of logistics. Topics include traffic management, warehousing, inventory control, material handling, global logistics, and the movement and storage of goods from raw materials sources to end consumers. Upon completion, students should be able to identify the different segments of logistics and use the terminology of the industry.

LOG 120. Global Logistics. 3.0 Credits. Class-3.0. Clinical-0.0. Lab-0.0. Work-0.0

This course examines logistics operations, processes, and modes of transportation in an interdependent world economy. Emphasis is placed on freight forwarding operations, analyzing and selecting transportation modes, and processing of import/export documentation. Upon completion, students should be able to arrange and coordinate the transportation of products globally.

Prerequisites: Take LOG 110

LOG 125. Transportation Logistics. 3.0 Credits. Class-3.0. Clinical-0.0. Lab-0.0. Work-0.0

This course covers the role and importance of the transportation industry. This is an overview of transportation emphasizing its environmental and sociological aspects, economic impact, services, regulatory guidelines, policies, and its future. Upon completion, students should be able to identify modes of transportation, interpret governing regulations, and describe the principles and terminology used in the transportation industry.

Prerequisites: Take 1 group: Take DRE 097 or DRE 098; Take EFL 111 EFL 112; Take ENG 111; Take ENG 002

LOG 210. Fleet Management. 3.0 Credits. Class-3.0. Clinical-0.0. Lab-0.0. Work-0.0

This course covers the management of transportation, fleet operations, and safety. Emphasis is placed on DOT safety regulations in the hiring, training, and supervision of drivers in transportation. Upon completion, students should be able to write a safety program for drivers involved in interstate commerce following DOT regulations.

Prerequisites: Take LOG 110

LOG 211. Distribution Management. 3.0 Credits. Class-2.0. Clinical-0.0. Lab-2.0. Work-0.0

This course covers the functions, techniques, and tools utilized in warehousing and distribution centers and their role in business and logistics. Emphasis is placed on warehouse and distribution center management, operations, productivity, software systems, picking, automation, cross docking, safety, security, material handling, benchmarking, and cost. Upon completion, students should be able to describe the role of warehouses and distribution centers, apply industry principles and terminology, and understand distribution productivity measures.

Prerequisites: Take LOG 110

LOG 215. Supply Chain Management. 3.0 Credits. Class-3.0. Clinical-0.0. Lab-0.0. Work-0.0

This course covers all activities involved in the flow of products and information between the suppliers, customers, producers, and service providers. Topics include acquiring, purchasing, manufacturing, assembling, and distributing goods and services throughout the supply chain organizations. Upon completion, students should be able to identify the supply chain units and describe the materials management processes.

Prerequisites: Take LOG 110

LOG 220. Logistics Management. 3.0 Credits. Class-3.0. Clinical-0.0. Lab-0.0. Work-0.0

This course covers the management of the movement and storage of goods and analysis of total costs involved. Emphasis is placed on the monitoring of inventory using automated systems, managing the storage function, warehousing, and distribution. Upon completion, students should be able to describe warehousing and facility layouts, identify material handling methods, and apply inventory control procedures. LOG 220 is a unique concentration requirement of the logistics management concentration in the business administration program.

Prerequisites: Take LOG 110

LOG 230. Transportation Management. 3.0 Credits. Class-3.0. Clinical-0.0. Lab-0.0. Work-0.0

This course covers the function of shippers and carriers in the transportation industry. Emphasis is placed on negotiating price and service requirements in the movement of goods, identifying areas of carrier liability, and the methods for processing claims. Upon completion, students should be able to compare common carriers and company operated transportation for service and cost, interpret pricing structures, and determine carrier liability. LOG 230 is a requirement of the Logistics Management concentration in the Business Administration program.

Prerequisites: Take LOG 110

LOG 235. Import/Export Management. 3.0 Credits. Class-3.0. Clinical-0.0. Lab-0.0. Work-0.0

This course introduces the elements of import and export operations, from transportation to documentation, finance, and security and the effects on the global supply chain. Emphasis is placed on existing import/export regulations, customs documentation, intermodal transportation, foreign freight forwarders, global technology, and homeland security initiatives. Upon completion, students should be able to perform import/export operations, channels of distribution, implemented technologies, and associate with operating a secure supply chain.

Prerequisites: Take LOG 125

LOG 240. Purchasing Logistics. 3.0 Credits. Class-3.0. Clinical-0.0. Lab-0.0. Work-0.0

This course introduces the various aspects of purchasing, and their impact on materials management, supply chain, transportation, and global logistics processes. Emphasis is placed on the different methods of electronic sourcing, negotiating and pricing principles, and on the internal and external considerations associated with international logistics. Upon completion, students should be able to describe and apply the principles and terminology used in procurement including electronic data interchange services, purchasing and logistics systems.

Prerequisites: Take LOG 110

LOG 250. Advanced Global Logistics. 4.0 Credits. Class-3.0. Clinical-0.0. Lab-2.0. Work-0.0

This course covers the advanced application of global operations and logistics strategies, planning, technology, risk, and management necessary to cope with the global business environment. Emphasis is placed on an in-depth understanding of global sourcing, shipping, tracking, and e-logistics systems necessary to operate inbound/outbound logistics in a global market. Upon completion, students should be able to identify the different global markets and logistics technology available to process international inbound/outbound logistics transactions.

Prerequisites: Take LOG 125