



## Logistics and Supply Chain Management

### Student Learning Outcomes

- 1 Communication- The student will demonstrate the ability to communicate effectively using written and/or oral communication.
- 2 Information Literacy- The student will recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information.
- 3 Problem Solving- The student will demonstrate the ability to analyze information and solve problems.
- 4 Workplace Skills - Demonstrates a mastery of workplace skills/soft skills, exhibits initiative, adapts to varied situations

### Program Outcomes

- 1 Describe contemporary logistics management and examine its increased global importance.
- 2 Differentiate logistics and supply chain management functions within a firm.
- 3 Illustrate potential barriers to supply chain management implementation and identify current supply chain integration complexities.
- 4 Examine technology issues for effective and efficient utilization of information in logistics management.
- 5 Explain various financial tools to measure logistics contract performance, manage losses & recovery.
- 6 Interpret the concept of logistics social responsibility in relation to operational sustainability and ethics.
- 7 Explain demand forecasting models for order and inventory management purposes.
- 8 Examine the strategic importance of the warehouse management process and performance.
- 9 Compare transportation infrastructures and identify different modes of transportation.
- 10 Explain the impact of regulation on transportation and classify carriers.
- 11 Discuss how logistical services are procured and rates are determined in relation to service provider selection.
- 12 Interpret international logistics and explain operational details of global logistical activities.

- 13 Explain documentation as well as terms of sale and methods of payment for international shipments.

**Associate of Applied Sciences, Logistics and Supply Chain Management**

**Total Credits 60**

**Fall**

Course #	Course Title	Credits	Function
LGM 101	Principles of Logistics and Supply Chain Management	3	Technical Studies
LGM 102	Inventory Control	3	Technical Studies
BUS 104	Introduction to Business	3	Technical Studies
ENG 101	Composition I*	3	General Studies

**Spring**

Course #	Course Title	Credits	Function
LGM 103	Contracts and Freight Claims	3	Technical Studies
LGM 150	Supply Chain Analytics	3	Technical Studies
OPM 115	Introduction to Project Management	3	Technical Studies
	Humanities Elective*	3	General Studies

**Summer**

Course #	Course Title	Credits	Function
	Communication Elective*	3	General Studies
	Elective***	3	Elective

**Fall**

Course #	Course Title	Credits	Function
MTH	Math Elective*	3	General Studies
PHL 110	Ethics	3	General Studies
LGM 105	Warehouse Management	3	Technical Studies
LGM 106	Transportation and Traffic Management	3	Technical Studies

**Spring**

Course #	Course Title	Credits	Function
LGM 107	Introduction to Purchasing	3	Technical Studies
LGM 108	International Logistics	3	Technical Studies
	Social Science Elective*	3	General Studies
	Elective***	3	Elective

## Summer

Course #	Course Title	Credits	Function
	Experiential Learning Elective**	3	Elective
	Elective***	3	Elective

## \*\*Experiential Learning Electives

Course #	Course Title	Credits	Function
LGM 190	Logistics and Supply Chain Internship		Elective
LGM 196	Capstone in Logistics & Supply Chain Management		Elective

## \*\*\*Elective

Course #	Course Title	Credits	Function
ACC 105	Fundamentals of Accounting		Elective
CED 117	Advanced Excel		Elective
ECO 105	Principles of Macroeconomics		Elective
ECO 110	Principles of Microeconomics		Elective
OPM 105	Operational Management for Organizational Success		Elective
PHR 105	Negotiations and Relationship Management		Elective
	LEN 100 or MFG 100 Or OPM 100		Elective

## \* Kansas Systemwide General Education

Technical Certificate, Logistics and Supply Chain Management

Total Credits 30

## Fall

Course #	Course Title	Credits	Function
LGM 101	Principles of Logistics and Supply Chain Management	3	Technical Studies
LGM 102	Inventory Control	3	Technical Studies
BUS 104	Introduction to Business	3	Technical Studies
ENG 101	Composition I*	3	General Studies
MTH 108	Contemporary Math*	3	General Studies

## Spring

Course #	Course Title	Credits	Function
LGM 105	Warehouse Management	3	Technical Studies
LGM 106	Transportation and Traffic Management	3	Technical Studies

LGM 108	<b>International Logistics</b>	3	Technical Studies
LGM 150	<b>Supply Chain Analytics</b>	3	Technical Studies

**Summer**

<b>Course #</b>	<b>Course Title</b>	<b>Credits</b>	<b>Function</b>
LGM	<b>Experiential Learning Elective**</b>	3	Elective

**\*\*Experiential Learning Electives**

<b>Course #</b>	<b>Course Title</b>	<b>Credits</b>	<b>Function</b>
LGM 190	<b>Logistics and Supply Chain Internship</b>		Elective
LGM 196	<b>Capstone In Logistics &amp; Supply Chain Management</b>		Elective

\* **Kansas Systemwide General Education**