

# SUBJECTS AND COURSES

## COURSE DESCRIPTIONS - LOGISTIC AND SUPPLY CHAIN (LGT)

### LGT 101 Transportation & Dist Logistic

This course is a study of the United States transportation system with a specific emphasis on freight transportation modes common to distribution logistics. Topics include common modes of freight transportation, transportation mode characteristics, cost, operational factors, transportation regulation, and planning. **3 Credit Hours**

### LGT 106 Workplace Essentials

This course emphasizes the foundational information to develop knowledge and skills to prepare individuals for employment following completion of technical and academic programs. At the conclusion of this course, students will have knowledge and skills relevant to work ethic, communication, resume writing, job interviewing, dress and appearance, behavior, problem solving, decision making, and project management. **3 Credit Hours**

### LGT 108 Introduction to Logistics

This course introduces students to the basic concepts of logistics for a variety of applications. Students gain insights into how logistics play a vital role in all aspects of business and industry. Specific topics include basic concepts of logistics and health and safety concerns in warehouse and transportation environments. **3 Credit Hours**

### LGT 110 Warehouse Operations I

This course provides students with introductory information relative to safe and efficient operation of a warehouse and material handling equipment. Specific topics include: safety; common warehouse functions; roles, accountability, and responsibilities; warehouse management systems; warehouse layout and design; material handling equipment. **4 Credit Hours**

### LGT 111 Warehouse Operations II

This course is a continuation of information and skills gained in Warehouse Operations I. Students gain additional information on topics such as: in-house transportation, local application forklift operations, consolidation, and packing. **4 Credit Hours**

### LGT 112 Warehouse Operations Applicati

This course provides students with introductory information relative to safe and efficient operation of a warehouse and material handling equipment. Specific topics include: safety; common warehouse functions; roles, accountability, and responsibilities; warehouse management systems; warehouse layout and design; material handling equipment. **3 Credit Hours**

### LGT 114 Supply Chain Fundamentals Mgmt

This course introduces students to the basic concepts of the supply chain and supply chain management. Students gain insights into the various components of the supply chain, how the supply chain functions interrelate and how they are managed in the business and industry environment. Specific topics include basic concepts of ?links and drivers? in the Supply Chain, such as inventory management, sourcing, requisitioning, ERP systems, Purchase Orders, EDI, contracting and distribution. **3 Credit Hours**

### LGT 115 Purchasing in Logistics

This course provides students with an introduction to purchasing processes to include the impact of purchasing decisions, compliance issues, and commonly used freight/INCO terms. Emphasis is placed on the utilization of efficient and effective purchasing practices to ensure the best possible use of organizational resources. **3 Credit Hours**

### LGT 125 Knowledge Supply Chain Logisti

The course is designed to provide students with foundational#level knowledge of the world of supply chain logistics. It covers the material handling aspect of the global supply chain and describes the foundational knowledge that front#line material handling workers should master to perform well. It is designed to give students a broad overview of the industry and how the frontline worker fits into that environment. Instructional modules include Global Supply Chain Logistics, The Logistics Environment, Material Handling Equipment, Safety Principles, Safe Material Handling and Equipment Operation, Quality Control Principles, Work Communications, Teamwork and Good Workplace Conduct, Using Computers, Product Receiving, Product Storage, Order Processing, Packaging and Shipment, Inventory Control, Safe Handling of Hazardous Materials, Evaluation of Transportation Modes, Dispatching and Tracking Operations and U.S./ Metric Conversions. **6 Credit Hours**

### LGT 132 Physical Distributions Systems

This course provides students with an overview of distribution systems common to logistics operations. Specific topics include just in time systems, warehousing, cross docking, and major methods of transportations. Upon completion of this course students will comprehend how various distribution systems impact logistics operations. **3 Credit Hours**

### LGT 223 Warehouse Logistics Co-op

This course provides an opportunity for students to gain practical knowledge and experience associated with logistics operations. Students learn while performing logistics activities in a position within business and industry. **15 Credit Hours**

### LGT 296 Directed Studies in Logistics

This course deals with specific focus areas within the field of Logistics. The course will allow students, under direct faculty supervision, to complete research and/or directed study in a specific focus area/ concentration. **3 Credit Hours**