LOGT Logistics and Intermodal Transportation

LOGT 3231 Principles of Transportation
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to the principles of transportation with emphasis on transportation modal and intermodal operations (rail, highway, air, water, and pipeline transportation) and transportation management. Consideration is given to the economic, social, political and international aspects of the transportation industry. The role of logistics information technology in modern global transportation systems is introduced via topics including electronic data interchange, global positioning systems, and intelligent transportation systems.
Prerequisite(s): A minimum grade of "C" in BUSA 3131 or STAT 2231.

LOGT 3232 Logistics and Supply Chain Management
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An introduction to and study of the fundamentals of logistics and supply chain management. Course coverage includes the flow of raw materials, work-in-process, and finished goods through the supply chain. Particular emphasis is given to the design of channels of distribution, management of inventory, evaluation of transportation alternatives, information flow, facility location, outsourcing and third-party relationships, and the rapidly expanding field of logistics information technology.
Prerequisite(s): A minimum grade of "C" in BUSA 3131 or STAT 2231.

LOGT 4030 Special Topics in Logistics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A customized course that allows students to pursue further study in a specific logistics topic at the frontier of an area of research or a contemporary topic related to current real-world events.
Prerequisite(s): A minimum grade of "C" in LOGT 3231 and LOGT 3232.

LOGT 4231 Logistics and Intermodal Transportation Operations
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the design and management of supply chain operations in selected logistics settings. Particular emphasis is placed upon the areas of traffic management, carrier operations, carrier selection and contract negotiation, and warehousing. Each area is analyzed in terms of organizational differences, operational processes, variations in information needs, and performance control mechanisms.
Prerequisite(s): LOGT 3232.

LOGT 4232 International Logistics
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
An examination of the many differences between domestic and international supply chain management activities and functions. Considerable emphasis is placed upon the importance of ocean shipping and air transportation and their impact on international trade and global trade patterns. Other topics covered include INCOTERMS (international commercial terms), the use of EDI (electronic data interchange) in international transactions, the management of ocean carriers, the import/export process, the role of international agents and forwarders, and international sourcing decisions.
Prerequisite(s): LOGT 3231.

LOGT 4233 Logistics Executive in Residence
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.
A capstone, integrative, case course in logistics and transportation strategy. Students participate in an Executive in Residence program that provides interaction with top-level logistics and transportation executives.
Prerequisite(s): A minimum grade of "C" in LOGT 4231 or LOGT 4232.