

# LOGT Log/Intermodal Transpor.

---

## **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.

## **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.

## **LOGT 4234 Analytical Tools in Logistics**

**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

This course is an examination of the principle analytical tools and methods used in logistics and transportation, including the application of analytical tools to strategic, tactical, and operational supply chain problems.

Students will be required to demonstrate the ability to understand the fundamentals of the field and to stretch this understanding to comprehend the intricate processes needed by logistical and transportation managers.

**Prerequisite(s):** A minimum grade of "C" in LOGT 3231 and LOGT 3232.

**Corequisite(s):** LOGT 4231.

## **LOGT 4263 Seminar in Intermodal Distribution**

**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

This course requires knowledge of a wide range of logistics terms and concepts. Students are required to read extensively from the current literature in the field and to demonstrate proficiency in sourcing intermodal information via electronic media. A major research project is an integral part of the course, involving the analysis of organizations and/or topics directly related to intermodal distribution.

**Prerequisite(s):** A minimum grade of "C" in all of the following: LOGT 3231 and LOGT 3232 and LOGT 4231 or LOGT 4232.

## **LOGT 4790 Internship in Logistics**

**3-6 Credit Hours. 0 Lecture Hours. 0 Lab Hours.**

A supervised work-study program in selected logistics and intermodal transportation companies. Students will be permitted to undertake internships only after review of of academic qualifications and with firms per-approval by the faculty.

**Prerequisite(s):** LOGT 3231 or LOGT 3232.

## **LOGT 4830 Special Problems in Logistics**

**3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.**

A senior level course that allows LOGT majors to pursue an intensive study of a specific topic or emerging area of transportation and logistics to be developed by the instructor.

**Prerequisite(s):** LOGT 3231 and LOGT 3232.

## **LOGT 4890 Directed Study in Logistics and Intermodal Transportation**

**3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.**

Independent study and research in selected areas of Logistics and Intermodal Transportation under supervision of a member of the LOGT faculty.

## **LOGT 7432 Logistics Fundamentals and Strategy**

**3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Develops an understanding of logistics systems. The class will apply a managerial focus approach to integrating the numerous logistical activities in the supply chain including materials management, physical distribution, third party logistics, transportation, and other topics. The class will stress practical applications through a case approach and a logistics simulation.

**Prerequisite(s):** Prior or concurrent enrollment with a minimum grade of "C" in MGNT 7331.

## **LOGT 9999 Dissertation**

**1-18 Credit Hours. 0 Lecture Hours. 0 Lab Hours.**

A directed research project to develop the student's dissertation. This course will also serve as dissertation hours upon completion of the first three (3) hours. An additional 15 hours of LOGT 9999 is required at a minimum for the student to produce an acceptable dissertation.