



Course Description

TRA2010 | Introduction to Transportation and Logistics | 3.00 Credits

This course surveys the organization and operations of the commercial transportation industry and its impact on the bottom line of today's modern businesses. Students will learn to review regulations and processes affecting transportation and logistics functions as well as explore the industry job market and look at technologies and current issues shaping transportation and logistics. A.S. degree only.

Course Competencies:

Competency 1: The student will comprehend the various functions of the transportation/logistics industry by:

1. Defining the modes of transport and their historical relationships
2. Describing current issues in transportation, including increased regulation and security issues
3. Explain the political, economic, and social trends that impact the transportation and logistics industry.

Competency 2: The student will demonstrate an understanding of the strategic impact of transportation on the economy by:

1. Identifying the relationship between domestic transportation and the economy.
2. Explaining the relationship of international logistics with transportation modes, international terms of sale, free trade agreements, and security and insurance issues
3. Identifying the regulatory procedures and policies that impact transportation and how these impacts the economy.
4. Explaining the Import/export process.

Competency 3: The student will be able to describe the technology shaping transportation and logistics by:

1. Explaining logistics technology related to computer basics, automatic identification, and software solutions.

Competency 4: The student will be able to demonstrate an understanding of the financial issues shaping transportation and logistics by:

1. Identifying the procurement function
2. Identifying the functions of a warehouse and inventory management
3. Explaining supply chain management
4. Describing how transportation options and logistics drive delivery costs and pricing

Competency 5: The student will be able to identify the customer service issues for transportation and logistics by:

1. Describing customer service for transportation and logistics industries
2. Identifying how delivery methods impact
3. customer needs for reliable service and reasonable prices

Competency 6: The student will be able to discuss future transportation and logistics trends by:

1. Explaining outsourcing and how this impacts these industries.
2. Describing domestic and global security issues.
3. Understanding possible technological solutions.

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills.
- Use computer and emerging technologies effectively.
- Formulate strategies to locate, evaluate, and apply information.