

Introduction to Careers in Transportation, Distribution, and Logistics

Course Overview and Syllabus

Grade level: 9–12

Prerequisite Courses: None

Credits: 0.5

Course Description

This semester-long course introduces students to the complicated world of commercial transportation. Students undertake an overview of the fields of transportation, distribution, and logistics, learning the differences between the fields and the primary services provided in each. Students learn how warehousing, inventory, and other associated businesses impact the economy, which includes the advantages and disadvantages of automation on employment. Students learn about the history of transportation including. Students examine the fields that serve to support and manage transportation systems. Lastly, the role of technology and technological development on transportation-related businesses is addressed.

Course Objectives

Throughout the course, you will meet the following goals:

- Discuss modes of travel, shipping and warehousing
- Learn how warehousing, inventory, and other associated businesses impact the economy
- Discuss transportation-related businesses and the ways they shape and define all other aspects of domestic and international business
- Explore the role of automation in management, as well as advantages and disadvantages of automation on employment
- Learn the history of transportation in the United States, Europe, and Asia
- Examine the fields of supporting and managing transportation systems, and how these expedite the flow of people and goods
- Discuss the role of logistics, planning, warehousing, and inventory management in transportation fields
- Explore the role of technological development on transportation-related businesses, including the GPS, self-driving vehicles, drones, and robots

Student Expectations

This course requires the same level of commitment from you as a traditional classroom course. Throughout the course, you are expected to spend approximately 5–7 hours per week online on:

- Interactive lessons that include a mixture of videos, readings, and tasks
- Assignments in which you apply and extend learning in each lesson
- Assessments, including quizzes, tests, and cumulative exams

Communication

Your teacher will communicate with you regularly through discussions, email, chat, and system announcements. You will also communicate with classmates, either via online tools or face to face, as you collaborate on projects, ask and answer questions in your peer group, and develop your speaking and listening skills.

Grading Policy

You will be graded on the work you do online and the work you submit electronically to your teacher. The weighting for each category of graded activity is listed below.

Grading Category	Weight
Lesson Quizzes	20%
Unit Tests	20%
Cumulative Exams	20%
Assignments	10%
Projects	30%
Additional	0%

Scope and Sequence

When you log into Edgenuity, you can view the entire course map—an interactive scope and sequence of all topics you will study. The units of study are summarized below:

- Unit 1:** Transportation Overview
- Unit 2:** Distribution and Warehousing
- Unit 3:** Transportation Systems, Infrastructure Planning, Management & Regulation
- Unit 4:** Logistics & Logistics Services
- Unit 5:** Future Trends in Transportation, Distribution & Logistics