



Transportation, Logistics, and Distribution Course Syllabus

WESTERN GOVERNORS UNIVERSITY

Transportation, Logistics, and Distribution

Hello, and welcome!

Imagine trucks, trains, ships, and planes all carrying materials around the world. They deliver crates, boxes, and shipping containers with goods for small businesses and huge corporations, as well as community agencies, schools, and families. Keeping track of all those items is no small task! In this course, you will learn about the planning and logistics needed to manage transportation and distribution. You will explore requirements and risks, oversight of facilities and inventory, warehouse management, and laws pertinent to transportation, logistics, and distribution. In addition, you will study supply chain synchronicity, strategy, costs, and efficiencies. This knowledge is invaluable and will support you as you pursue a supply chain career.

We invite you to take a minute to learn about the course by reviewing the information that follows. This way, you will be better able to understand the expectations of the course as a whole. Then you can determine how to manage your time and efforts as you navigate through it.

You are in the right place. You belong here. You can do this!

Course Description and Competencies

WHAT TO EXPECT

You will see that this course is delivered in a module-based learning platform. It incorporates readings, podcasts, videos, and various interactive learning components. These include ungraded module-level quizzes, knowledge checks, and case studies to help deepen your understanding of the content. Engaging with these activities reinforces new learning. It also complements the knowledge you bring to this area of study.

This course is aligned with the Certified in Logistics, Transportation, and Distribution (CLTD) certification from the Association for Supply Chain Management.

This course covers the following competencies:

1. The learner describes key elements of distribution, logistics, and transportation management.
2. The learner identifies laws and regulations within operations and supply chain with respect to transportation, logistics, and distribution.
3. The learner explains how total cost of ownership (TCO) management affects operations.
4. The learner describes key elements of distribution and warehouse management.

Assessment

The assessment provides an opportunity to demonstrate your mastery of the competencies in this course. You may attempt the assessment two times before additional support is necessary. If you require further attempts, please contact your Course Instructor or Student Experience Specialist.

◆ **1** final exam ◆ **3** competency units

Course Outline

Module	Upon completion of this module, you will be able to:
Fundamentals	A. Describe the scope, role, and modes of distribution and logistics. B. Describe the scope, role, and modes of freight transportation. C. Describe logistics planning, supply chain planning, and network planning. D. Describe forward, reverse, and sustainability logistics.
Laws and Regulations	A. Identify requirements, controls, and challenges of cross-border logistics operations. B. Identify trade compliance, custom administrations, tariffs, and taxes. C. Identify key elements of border control and supply chain management.
Total Cost of Ownership	A. Explain the relationship between inventory costs, inventory planning, and stock systems. B. Explain various components of operational management, including cost and performance, benchmarking logistics, communication systems, and humanitarian logistics. C. Explain considerations for outsourcing in operational management.
Warehousing	A. Describe the logistics of warehousing and storage. B. Describe the logistics of picking management and yard management. C. Describe aspects of warehouse design and warehouse management.

Technology Requirements

We want you to have the tools to succeed! Since this course includes at least one proctored test, please be sure to have a working microphone, speakers, and an external webcam. Unfortunately, an internal webcam (built into many laptops) is not acceptable. (Note: The

external webcam is required only for exams that have proctors. You do not need one for practice tests and other non-proctored assessments.)

If you haven't already, be sure to download the [Meazure Learning Guardian](#) browser, which you will need for the proctoring system.

For other details about the technology you'll need, review the [Computer System and Technology Requirements](#). If you have questions about your setup, contact support@academy.wgu.edu.

You will need Adobe Acrobat Reader DC. If you haven't already, [download this free software](#). You may encounter an interactive form that contains fields that you can select or fill in. Review [how to fill in a PDF form](#).

Key Contacts

Resource Hub

Check out the Course Lobby to take advantage of course resources, including videos and tips from our educators. There, you can ask and answer questions, provide feedback on your progress, and connect with fellow students. You will find this platform in the Student Resources section of the course. Log on and do some exploring!

Technical Support

If you encounter technical issues, be sure to contact the Help Desk. Just [submit a Support Request for assistance](#).

Program Support

Do you have questions about your account? Student Support has answers. They can help with billing, switching courses, and other requests. You can contact them at (888) 320-0540 or support@academy.wgu.edu.

Accommodations

WGU provides compliant and accessible learning experiences. If you require accommodation, please contact us at the start of the course. You can email support@academy.wgu.edu or call (888) 320-0540. We are committed to ensuring that all students with disabilities have equal access to WGU's services and materials. We strive to use best practices for accessibility. Our goal is to conform to existing U.S. laws. These include the Americans with Disabilities Act and Section 504 and Section 508 of the Rehabilitation Act. Our learning management system (LMS) platform is Open edX. Open edX's commitment to accessible content is published on their [Website Accessibility Policy](#).