

Unit 6: Artificial Intelligence

Syllabus

OVERVIEW & PURPOSE

This lesson briefly introduces the topic of artificial intelligence. Students should obtain a working knowledge of what it is, and how it works. Students should learn a brief history of artificial intelligence technology, the role the technology plays today, and its incredible potential for the future. Finally, students will learn about the role artificial intelligence plays in the logistics industry and their need to become well acquainted with this technology to succeed in the 21st century.

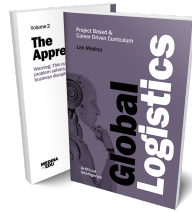


COURSE LEARNING OBJECTIVES

1. Understand the basic concepts of artificial intelligence.
2. Understand the potential that artificial intelligence has and the need to become well acquainted with it to succeed in the 21st-century industry of logistics.

MATERIALS NEEDED

- Computer
- Internet Access
- Text Book



DESCRIPTION OF ACTIVITIES

For each module please expect the following activities:

- Read through the lesson/session contents (including articles) and watch videos
- Stimulating Discussion
- Take a short quiz on the material presented
- Complete a written assignment with open-ended responses
- Introducing AI to a Large Grocery Chain Scenario Project
- Group Project Presentation

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FOUR WEEK LESSON OUTLINE

Week 1: Theory & Stimulating Discussion

- 6.1 What is Artificial Intelligence?
- 6.2 The History of Artificial Intelligence
- 6.3 Artificial Intelligence Today and Its Role in Logistics
- 6.4 The Potential Use of Artificial Intelligence and the Need to Become Acquainted with it

Week 2: Case Study Research, Data Mining & Research Essay

- Research and investigate questions 1 & 2
- Write Research essay
- Case Study 1: What are Three uses for Artificial Intelligence?
- Case Study 2: Two Types of AI Technology that already affect your life today

Week 3: Collaborative Project Idea, Creation & Development and Problem Solving

- Project 1: Introducing AI to a Large Grocery Chain Scenario

Week 4: Project Presentations

- Group presentations before classmates