

# Unit 7: RFID & Barcodes

## Syllabus

### OVERVIEW & PURPOSE

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

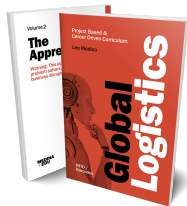


### COURSE LEARNING OBJECTIVES

1. Understand the basic concepts of RFID & Barcodes.
2. Understand the potential the technology 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
- Barcode Business Scenario Project
- Group Project Presentation

# Unit 7: RFID & Barcodes

## FOUR WEEK LESSON OUTLINE

### Week 1: Theory & Stimulating Discussion

- 7.1 What are RFID & Barcodes
- 7.2 The History of RFID and Barcodes
- 7.3 RFID and Barcodes Today and Its Role in Logistics
- 7.4 The Potential of RFID and Barcodes and the Need to Become Acquainted with them

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

- Research and investigate questions 1 & 2
- Write Research essay
- Case Study 1: Explain the difference between barcodes and RFID
- Case Study 2: Research one industry that uses barcodes or RFID technology

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

- Project 1: Barcode Business Scenario

### Week 4: Project Presentations

- Group presentations before classmates