



### 4 – Principles of Quality, Sustainability, and Continuous Improvement

5 modules

#### ***About this Learning Plan***

Develop an appreciation for the importance of quality, sustainability, and continuous improvement in the Warehousing and Distribution industry. Learn about how companies in this sector of the economy work to meet ever-changing customer expectations while reducing their environmental footprint and protecting local habitats.

#### **Quality Control Principles**

This course provides an overview quality control in the supply chain. By the end of this course, you will be able to define quality control and explain the importance of quality control in the supply chain. You will also be to explain the key elements of quality control and name the types of quality control systems. Finally, you will be able to list nonconforming materials and explain their role in quality control.

E-Learning

Duration: 36m

#### **Lean Principles (Part 1)**

This course will introduce you to Lean and Six Sigma methodologies. It will describe the common principles and key benefits of these methodologies. The course will also demonstrate how you can implement these methodologies in warehouses and distribution centers. By the end of this course, you will be able to define Lean and Six Sigma methodologies and explain why they are used. You will also be able to describe key benefits and common terminology of these methodologies. Moreover, you will be able to identify ways to implement these methodologies in the distribution and logistics industry.

E-Learning

Duration: 50m



## Warehousing and Distribution Program Learning Plans

Contribute at a higher level throughout your career as a warehousing and distribution professional.

### Lean Principles (Part 2)

This course will provide an overview of the Lean principle and discuss the various tools for continuous improvement. By the end of this course, you will be able to describe Kaizen, the Lean principle of continuous improvement. You will also be able to describe PDCA, or Plan-Do-Check-Act, and DMAIC, or Define, Measure, Analyze, Improve, and Control, the tools for continuous improvement. Additionally, you will be able to explain how Lean and Six Sigma are implemented in warehouses and distribution centers.

E-Learning

Duration: 30m

### Environmental Impacts of the Warehousing and Distribution Industry

This course discusses the logistical activities in the supply chain and how to make workspaces and logistical activities greener. By the end of this course, you will know about the different activities related to logistics of a distribution center or a warehouse. You will understand the environmental impact of these activities. You will learn more about the laws and regulations that affect the supply chain. You will also understand why the physical layout and design of a distribution center or a warehouse is very important for efficiency and environmental sustainability.

E-Learning

Duration: 40m

### Environmental Sustainability in the Warehousing and Distribution Industry

This course will discuss environmental sustainability and its importance in the warehousing and distribution industry. By the end of this course, you will understand how environment-friendly measures can decrease operating costs and benefit customers and local communities as a whole. You will also be able to describe environmental sustainability best practices of the warehousing and distribution industry. You will understand how logistics companies measure their effectiveness in being sustainable. Finally, you will be able to follow environmentally sustainable work practices on the job.

E-Learning

Duration: 35m