

# Kaizen | Interactive eLearning

**Kaizen - WXML307-XX01XEN-E1**

Objective 1: Define the Term Kaizen and Its Role in Lean Manufacturing

**Definition of Kaizen in Lean Manufacturing**

Kaizen is a Japanese word that translates as "to take apart" (kai) and "to make good" (zen). In lean manufacturing, kaizen means continuous improvement.

Kaizen is a methodology for improving a process by analyzing its fundamental elements in order to understand it better. Once this understanding is gained, continuous improvement occurs by implementing changes that gradually make the process incrementally better over time.

The changes that make the greatest impact on a process involve eliminating waste.

The diagram shows a circular process with seven steps: Observe and Gather Data, Identify Problem, Analyze Problem, Devise Solution, Implement Improvement, Evaluate Improvement, and Develop New Standard. The cycle is labeled 'Continuous Improvement'. In the center, the Japanese characters '改善' (Kaizen) are shown, with 'Kai (to take apart)' and 'Zen (to make good)' written below them.

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## eLearning Course: MXML307

Lean Manufacturing teaches learners ways to identify and eliminate waste in order to improve quality, reduce production time, and decrease cost: distilling down manufacturing processes to what is value added. This Lean Manufacturing Kaizen training course (MXML307) covers concepts such as the term Kaizen and its role in manufacturing; Kaizen event planning including selection of a team, training, preparation, scheduling, and communication; Kaizen event implementation including rules, collection of data, performing a time and motion study, methods used for identifying and analyzing waste, types of reports and application; Kaizen event conclusion; and Kaizen event examples including how to perform a 5S Kaizen event, a Bottleneck Kaizen event, and a Lead Time Reduction Kaizen event.

## Teach Lean Manufacturing Skills

### In-Depth, Comprehensive Kaizen Curriculum Connected to Real-World Skills

Amatrol's online training curriculum is unique in that it thoughtfully combines in-depth theoretical knowledge with practical, hands-on skills. This powerful combination of knowledge and skills solidifies understanding and creates a strong foundation for pursuing more advanced skills.

For example, the Kaizen eLearning course covers important topics, such as:

### Kaizen and Its Role in Lean Manufacturing

This segment covers an overview of Kaizen, Kaizen Events, and the phases of a Kaizen Event or a Kaizen Workshop.

### **Kaizen Event Planning**

This segment involves how to choose, schedule, and communicate a Kaizen Event; how to choose and train Kaizen Event members; and how to prepare a work area for a Kaizen Event.

### **Kaizen Event Implementation**

This segment begins by describing how to orient team members for a Kaizen Event, assign roles, and establish rules of conduct. The lesson progresses by discussing Kaizen Event data collection methods, how to perform time and motion studies, how to identify and analyze waste, how to formulate improvements, and how to create A3 reports.

### **Kaizen Event Conclusion**

This segment discusses how to create Kaizen Event presentations and how to implement Kaizen Event results.

### **Kaizen Event Examples**

This segment covers how to perform a 5S Kaizen Event, a Bottleneck Kaizen Event, and a Lead Time Reduction Kaizen Event.

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## **Highly-Interactive Multimedia**

### **Highly-Interactive Multimedia Format Appeals to All Learning Styles**

Amatrol's [eLearning curriculum](#) features a highly-interactive multimedia format. Stunning 3D animations, videos, pictures, voiceovers of all text, and interactive quizzes and exercises bring learning to life. Amatrol's multimedia curriculum contains elements that will appeal to every learning style, keeping learners motivated and engaged.

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