

Lean

Lean Fundamentals Course Descriptions

COURSE AGENDA

Day 1

- Lean Overview
- 7 Wastes
- 5S
- Hands-on Simulation
- Value Stream Mapping

Day 2

- Standardized Work
- Built in Quality
- Problem Solving
- Simulation
- Just-in-Time
- Kaizen



COURSE NUMBER: LEAN501

Course Purpose

This course provides you with an introduction to the fundamentals of Lean. Recognized as one of the most effective operating systems in business, the Toyota Production System (TPS) is the origin of what has become known as Lean. Incorporating an introduction to all the aspects of Lean, this course is designed to transfer knowledge in planning and implementation through interactive learning and examples to anyone who is leading and/or is on a Lean implementation team for an enterprise.

At the completion of this course, you will be able to:

- Describe the concept of a Lean operating system
- Define the tools supporting the Lean model
- Describe how Lean can improve the performance of an enterprise
- Understand the rollout process
- Explain how the Lean tools work together to create a Lean environment
- Recognize areas of improvement within a facility and identify the correct tool to use
- Understand how Lean needs to be launched/implemented in an enterprise and why “cherry picking” often fails

Who Should Attend

Anyone who will be involved in the planning, leading, or implementing of Lean systems processes and tools, from executive to shop floor personnel, should attend this course.

Prerequisites

None

Student Materials

To enhance and facilitate your learning experience, the following materials are provided as part of the course package:

- *Student Manual*, which contains the key concepts, definitions, and examples presented in the course and includes the hands-on exercises.

Hands-On Practice

Throughout this course, you will have the opportunity to practice the skills you have learned through a variety of class interaction and simulation exercises. The lessons are followed by simulation in the classroom. You will have the opportunity to practice what you have learned, and then discuss and debrief the situational exercises as they apply to the job environment.

You will capture the current state understanding where and when to apply Lean tools, brainstorm solutions, and design the future desired state presented as a group presentation.

Course Length

This is a two-day course.

Course Number

The course number is LEAN501.

IACET CEUs

CEUs Awarded: 1.4



To Register

To register for this or any other Rockwell Automation training course, contact your local authorized Allen-Bradley Distributor or your local Sales/Support office for a complete listing of courses, descriptions, prices, and schedules.

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