

## Introduction to FMEAs Course Objectives

- Describe what an FMEA is and why an FMEA is used.
- Explain the differences between a Design-FMEA and a Process-FMEA.
- Explain how the systematic FMEA approach getting us to dig into the details of the product or process under study to identify potential risks.
- Define how an FMEA helps identify risks, prioritizes the risks relative to one another, and focuses efforts on an action plan to reduce the risks.
- Apply criteria to assemble an effective FMEA team.
- Describe the role of a Subject Matter Expert when conducting an FMEA study.
- List the 10 steps used to conduct an FMEA.
- Explain how the standard FMEA Analysis Worksheet is used to organize data and present the findings of an FMEA study.