

# *Understanding and Implementing Failure Mode and Effects Analysis (FMEA)*

Defy the odds and eliminate failures by understanding the impact they can have on your company and how you can reduce the risk by effectively using Failure Mode and Effects Analysis. Emphasizing the practical approach to the FMEA process, this course focuses on the enhanced linkage between the design and process FMEAs, as well as the alternative methods in the new manual. Learn to identify the benefits of FMEA as a preventative tool for both design and process, in addition to gaining the skills to complete and apply a Design FMEA (DFMEA) and a Process FMEA (PFMEA). Instruction covers the FMEA Reference Manual, providing you with an awareness of FMEA responsibilities and the skills to apply FMEA to ISO/TS 16949.

**Who should attend:** Recommended for quality managers, quality team leaders, third-party auditors of ISO/TS 16949, anyone involved in the implementation of ISO/TS 16949, individuals and cross functional teams interested in risk reduction and anyone who wants a better understanding of basic FMEA and risk management methodology.

## LEARNING OBJECTIVES

- Identify FMEA customers;
- Demonstrate an understanding of the relationships of FMEA to Advanced Product Quality Planning (APQP);
- Identify the specifics of Design and Process FMEAs;
- Demonstrate an understanding of the concept of risk and how to reduce the risk of Failure;
- Develop FMEAs for your company or products, including how to complete an FMEA and reasoning for specific parts of the FMEA;

## AGENDA

### Day 1

- Introduction
- What do Design and Process FMEAs Answer
- How do FMEAs Reduce Risk
- Defining Your Design and Process FMEAs Customers
- Developing Design and Process FMEAs

### Day 2

- Developing Design FMEAs (continued)
- Developing Process FMEAs (continued)
- Signs of a Successful FMEA
- Closure

**Fall 2019 TBA!**

**Hours:** 16hrs    **CEUs:** 1.6

**Cost:** \$1075 (Material Incl)

### More information contact:

John Suarez 281.542.2061

John.Suarez@sjcd.edu

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