



# Design Failure Mode and Effects Analysis

*October 12-13, 2026 (8:00am – 12:30pm)*

## **Overview:**

This course provides a structured guide to the process of performing an effective Failure Mode and Effects Analysis for Design and Development (DFMEA). DFMEA can be performed during design and development on products to minimize risks and future costs of new products. It is also a highly effective technique to use in planning under any quality system standard, such as ISO 9001 and ISO 13485.

## **How You Will Benefit:**

On completion of this training course you will be able to:

- *Design and implement a process to perform Design Failure Mode and Effects Analysis*
- *Identify and select the appropriate participants for a FMEA Team*
- *Identify design failure modes and determine the relative ranking of failures using risk priority numbers*
- *Explain the different type of FMEA's and be able to choose the appropriate type*
- *Develop a Design FMEA for your organization through hands-on activities and exercises*

## **Who Should Attend:**

This course is for engineers, production managers, quality engineers and managers who are assigned to work on Failure Modes and Effects Analysis in Design and Development.

## **Course Prerequisites:**

No prior knowledge is required to attend this course but bringing a company assigned application to the class for a Design and Development Failure Modes and Effects Analysis would be beneficial. We request that people attending the DFMEA class come in with a design project in mind. Having people from your company organized into small groups (3-5 people or so) around a particular design project is best. The project doesn't need to be too complex, just having a product in mind that is within participant's normal sphere of work. Ideally participants will be taking a design view, looking forward for a new design but they can also look at it from a "de-bug" sense, where they start with some known failure modes and work backward from there.

## **Instructor Bio: [Bethany Quillinan](#)**

## **Course Fees:**

Your cost for this instructor-led, on-line training workshop, including a comprehensive digital workbook and handouts is \$375.00 per person .

**For more information or to reserve your place, please contact**

**ETI Group**

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