

Failure Mode and Effects Analysis (Design and Development)

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 management system standard, such as ISO 9001, TS16949, and ISO 13485.

How You Will Benefit:

After completing this training session, you should be able to DO the following:

- 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 workshop exercises

Who Should Attend:

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

Prerequisites:

No prior knowledge is required to attend this course but bringing an application to the class for a Design and Development Failure Modes and Effects Analysis would be beneficial.

Instructor: Bethan Quillinan

Bethany Quillinan has 20 years experience in Process Management and Improvement and currently specializes in statistical methods, problem solving and Quality Management Systems based on ISO 9001. Her clients include Multnomah County, Freightliner Corporation, Hewlett Packard, Kaiser Permanente and Leupold & Stevens. An accomplished trainer and training course developer, Bethany holds a BS in Ceramic Engineering, an MA in Whole Systems Design for Organizational Systems Renewal, has passed the examination for Certified ISO 9001 Lead Auditor and is a Six Sigma Black Belt.

Course Fees

Cost is \$395 per person, which includes a comprehensive workbook and handouts for each participant.

More Information

For more information or to reserve your company's place please contact:

ETI GROUP: Tel: (503) 484-5979 or (360) 681-2188 or Email: jbenham@etigroupusa.com