

# Failure Modes and Effects Analysis (FMEA)

Course #1007

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## Course Details

**Length:** 1 day

**Prerequisite:** APM Framework - User

**Benefits:** You will learn to use the Meridium Failure Modes and Effects Analysis (FMEA) product.

**Audience:** General Users, Implementers, Administrators



## Overview

### Failure Modes and Effects Analysis

Failure Modes and Effects Analysis (FMEA) is a method used to identify potential equipment failures, describe the likely effect of each failure, and make recommendations for actions that might prevent such failures from occurring.

### Building an FMEA

You will use Meridium tools to build an FMEA consisting of Equipment, Failure Modes, Failure Effects and Recommendations.

### FMEA Templates

You will learn to build FMEA templates, which can streamline the analysis development process by reducing the amount of time you spend entering data.

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## Training Agenda

### Working with Existing FMEA's

- Navigating the FMEA Explorer
- Working with Analysis Tasks

### Creating an FMEA

- Defining the Analysis
- Defining the Analysis Team
- Specifying the Equipment to be analyzed
- Adding Failure Modes
- Adding Failure Effects
- Duplicating Analysis nodes

### Recommendations

- Creating Recommendations
- Grouping Recommendations into Tasks

### Analysis Re-evaluation

- Locating Existing Analyses
- Setting Conditional Criteria

### FMEA Templates

- Creating a template based on an existing FMEA
- Loading an FMEA Template
- Linking to Equipment in Meridium