

**FMEA 3<sup>rd</sup> Edition (AIAG)**  
**Failures Modes and Effects Analysis Course**  
**– a 2-day Workshop**



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**Course ID: P2150**

**GENERAL DESCRIPTION:**

In this two-day course, participants will learn the concepts of Design and Process FMEA with emphasis on the major changes that the 3<sup>rd</sup> edition introduces. This course is presented taking into consideration the AIAG model of Advanced Product Quality Planning (APQP). The students will gain an appreciation of APQP and how FMEAs fit into the total system of APQP.

At the end of the course, participants are expected to be able to develop and implement Design and Process FMEAs appropriate to their product and process technology and in line with the existing APQP methodology. The course is designed to enable compliance with the requirements of ISO/TS 16949 with respect to Design FMEAs and Process FMEAs. No prior ISO/TS 16949 experience on the part of students is required.

**DURATION/SCHEDULE:**

- 2 days of instruction, discussion, and assignments/workshops
- Classroom hours are typically 8:00 a.m. - 12:00 p.m. and 1:00 p.m. - 5:00 p.m.

**STUDENT MATERIALS:**

- AIAG Reference Manual: Failure Modes and Effects Analysis – 3<sup>rd</sup> Edition
- Student workbook
- Additional handouts as appropriate