Target Audience
Geared towards Quality, Engineering, and Program Management associates that work on new programs or programs with significant changes.

Course Description
Provides an overview of the AIAG APQP core tool requirements, including the ISO 9001:2000 and TS 16949 specifics. This training gives employees an understanding of APQP requirements and implementation strategies.

Prerequisites
No prior knowledge of APQP is necessary for participants in this class.

Course Objectives
• What is Advanced Product Quality Planning (APQP)?
• APQP Key Definitions
• Product Quality Planning Cycle
• Product Quality Planning Responsibility Matrix
• Fundamentals of Product Quality Planning
  Organize Team
  Define the Scope
  Team to Team Communication
  Training
  Customer and Supplier Involvement
  Simultaneous Engineering
  Control Plans
  Concern Resolution
  Product Quality Timing Plan
  Plans Relative to Timing Chart
  Integration of APQP Timing into Customer Program Timing
• Detained Inputs and Outputs of the Five APQP Gates
  Plan and Define Program
  Product Design and Development
  Process Design and Development
  Product and Process Validation (DVP&R)
  Feedback, Assessment, and Corrective Action
• Key Forms Required for APQP
  DFMEA
  PFMEA
  MFMEA
  Control Plan
  Floor Plan
  Process Flow
  Design Information Checklist
  New Equipment, Tooling, & Test Equipment Checklist
• OEM Special Characteristics Symbols

Course Length
8 Hours

Hardware/Software Needs
None

Instructional Techniques
• Lecture
• Hand-outs
• PowerPoint Presentation
• Class Discussion