

Advanced Product Quality Planning Syllabus Page

Week/Module	Topics
Week 0	<ul style="list-style-type: none"> • Demo Video • Welcome to the course • Course Schedule • Grading Policy • Exam Details • FAQ
Week 1: Description of APQP	<ul style="list-style-type: none"> • What is APQP? • The goal of APQP, • APQP Background, • APQP compliance • Weekend Assessment
Week 2: Plan and Define Program	<ul style="list-style-type: none"> • The Advanced Product Quality Planning process consists of four phases and five major activities. • PLAN AND DEFINE PROGRAM- The first activity. • Weekend Assessment
Week 3: Product Design and Development	<ul style="list-style-type: none"> • Design Failure Mode And Effects Analysis (DFMEA) • Design for Manufacturability and Assembly • Design Verification • Design Reviews • Prototype Build - Control Plan • CONTROL PLAN CHECKLIST • ENGINEERING DRAWINGS (Including Math Data) • Engineering Specifications • Material Specifications • Drawing And Specification Changes • New Equipment, Tooling and Facilities Requirements • Special Product and Process Characteristics • Gages/Testing Equipment Requirements • Team Feasibility Commitment and Management Support • Weekend Assessment

<p>Week 4: Process Design and Development</p>	<ul style="list-style-type: none"> • Packaging Standards • Product/Process Quality System Review • Process Flow Chart • Floor Plan Layout • Characteristics Matrix • Process Failure Mode And Effects Analysis • Pre-Launch Control Plan • Process Instructions • Measurement Systems Analysis Plan • Preliminary Process Capability Study Plan • Packaging Specifications • Management Support • Weekend Assessment
<p>Week 5: Product and Process Validation</p>	<ul style="list-style-type: none"> • Production Trial Run • Measurement Systems Evaluation • Preliminary Process Capability Study • Production Part Approval • Production Validation Testing • Packaging Evaluation • Production Control Plan • Quality Planning Sign-Off and Management Support. • Weekend Assessment
<p>Week 6: Feedback, Assessment, Corrective Action</p>	<ul style="list-style-type: none"> • Reduced variation • Customer Satisfaction • Delivery And Service • Weekend Assessment

Final Exam Details:

If you wish to obtain a certificate, you must register and take the proctored exam in person at one of the designated exam centres. The registration URL will be announced when the registration form is open. To obtain the certification, you need to fill out the online registration form and pay the exam fee. More details will be provided when the exam registration form is published, including any potential changes. For further information on the exam locations and the conditions associated with filling out the form, please refer to the form.

Grading Policy:

Assessment Type	Weightage
Weekend Assessment	25%
Final Exam	75%



Certificate Eligibility:

- 40% marks and above in weekend assessment
- 40% marks and above in the final proctored exam

Disclaimer: In order to be eligible for the certificate, you must register for enrolment and exams using the same email ID. If different email IDs are used, you will not be considered eligible for the certificate.