

HP Education Services Course Description

Managing Project Quality (HE546S)



This intensive 3-day course focuses on fundamental quality management tenets of leading thinkers such as Deming, Juran, and Crosby. Learn how quality is related to virtually all areas of a project. Use proven tools and techniques for planning and implementing quality methods in a project environment. Discover valuable sampling and assessment techniques to guarantee project quality management. Gain expertise in quality standards of the Software Engineering Institute (SEI), International Organization for Standardization (ISO), Six Sigma, and Baldrige.

Audience

- This course is intended for project managers interested in best practices that apply to diverse projects in multiple industries. It is especially suited for people seeking project management certification
- By successfully completing this course, the participant earns 28 educational contact hours or PDUs which may be applied to meet PMI® requirements for initial or continuing certification requirements

Prerequisites

- Formal project management training such as that available in the Project Management Fundamentals (HC577S) course plus other core project management courses

Course title: Managing Project Quality

HP product number: HE546S

Category/Subcategory: Project Management / Advanced Project Management

Course length: 3 days - 21 PDUs

Level: Intermediate level of proficiency

Delivery language: Varies by country

To order: You can order this course online at <http://www.hp.com/learn>. At the site, select a country, then choose "registration" or "Book a course" and fill out the online registration form

Course objective

Learn how to:

- Apply concepts and philosophies from leading quality experts
- Implement a successful quality program in your organization
- Apply requirements analysis and management techniques
- Recognize how Six Sigma can lead to breakthroughs
- Conduct an inspection on project deliverables
- Develop proven techniques to calculate the cost of quality
- Use statistical process control tools and techniques

Benefits to you

- Improve your project processes to achieve higher quality products, services, or results
- Learn about quality concepts, philosophies and processes

Why education services from HP?

- **One-Stop Shopping**
Project management training from industry recognized experts who bring you PMO Services, Technical IT Training and ITSM/ITIL Training. Worldwide leader in numbers of qualified PMP® certificants
- **Global Training Locations**
State-of-the-art classroom and distance learning facilities at over 80 training locations from Seattle to Singapore that are consistent world-wide. Or setup and deliver training at your location. Localization for all major languages
- **Modular Offerings / Blended Learning**
Need work-sensitive preparation for the PMP® exam, or just review a specific topic? End-to-end delivery choices – traditional ILT, webinars, self paced WBT, Books or a solution customized to meet specific needs – all available globally
- **Engaging, Effective Courseware**
World-class reference materials – real case studies, example projects, individual and group exercises, fun and engaging simulations

- **Expertise**

Highest quality, most experienced instructors who have real world hands-on project experience. Feel safe with HP's award-winning world class service

Next steps

- Managing Multiple Projects (HE549S) or other advanced Project Management topics leading to recognition of your knowledge and skill by passing the Project Management certification examination appropriate to your country or region

Detailed course outline

Module 01

- Key Concepts

Module 02

- Quality Philosophies

Module 03

- TQM Concepts

Module 04

- Project Quality Management

Module 05

- Cost of Quality

Module 06

- Customer Focus

Module 07

- Requirements Management

Module 08

- Statistical Process Control Tools

Module 09

- Six Sigma

Module 10

- Inspections

Module 11

- Evaluations and Assessments

Module 12

- Quality Program Implementation

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