



Crafting High-Quality Requirements HE555S

Whether outsourced or in-house, every development project needs exceptional requirements management. This course provides the necessary information to develop a proactive environment for requirements gathering and analysis and explains how to introduce lean process thinking to right-size the requirements analysis process. Learn the practical skills required to succeed and grow in the business analyst role, effectively communicate requirements to the technical team before solutions are designed and implemented, and create key deliverable documents.

Crafting High-Quality Requirements

Links to local schedules, pricing and [US/Canada](#)

HP course # HE555S

Category Business Analysis

Duration 3 days

Special note

Thank you for considering HP Education Services for your Project Management/Business Analysis (PM/BA) training needs. We provide the following delivery options:

1. If you are an individual interested in attending this course, you may do so by clicking on the schedule link above. This will take you to the Management Concepts site where you can register for the class. You may also use your HP Care Pack Credits to pay for the class, in addition to standard payment options.
2. If your organization is interested in conducting a class at your location, or a virtual instructor led delivery for one of the courses listed below, please [contact us](#) to obtain a quote based on your delivery requirements.
(Note: Must have a minimum of 8 individuals for onsite deliveries)

Audience

- This course is intended for business analysts and related professionals such as Project Managers, QA Managers, Project Customers, Technical Leads, Systems Engineers or anyone with a substantive role in the success of projects

Course objectives

Learn how to:

- Describe the responsibilities of the Business Analyst (BA) and the major deliverables in the business systems requirements analysis process
- Prepare an elicitation plan tailored to the project environment and the development life cycle
- Analyze requirements using key modeling techniques
- Recognize and compose clear requirements statements
- Create high-level models employing use cases to confirm project scope (1st iteration), to confirm user needs (2nd iteration) and to specify user requirements (3rd iteration)
- Examine the value of both documenting requirements to aid project stakeholders in structuring requirements for use, and validating requirements to determine when a project can proceed to design

Benefits to you

- Identify, document, analyze, and track requirements throughout a project's life cycle
- Develop a proactive environment for requirements gathering and analysis
- Reduce requirements-driven causes of project failure
- Create best practice templates and documents to reduce requirements induced defects

Certification Value

On successful completion of this course, the student can claim 21 education units or PDUs that can be used to attain or maintain the PMI® PMP® credential. Students also can claim 24 education units or CDUs toward attaining or maintaining the IIBA® credential.

Next steps

- Advanced Business Analysis topics such as Verifying and Validating the Solution (HE556S)

Course outline

Key Business Solution Concepts

- Introduction to requirements
- Value and challenges of requirements
- Requirements and BA knowledge areas
- Projects and BA responsibilities

Eliciting Requirements

- The purpose of formal requirements elicitation
- Elicitation techniques for gathering requirements
- Overcoming common elicitation challenges

Analyze Requirements

- Requirements analysis activities
- Key model types
- Steps of the requirements analysis process
- Major analysis classifications

Writing Requirements

- The importance of good requirements
- Characteristics of a good requirement statement
- Writing good requirements

Confirming Project Scope with Use Cases

- Use Case Model and scope
- The first iteration of a model
- Key use case elements
- Key deliverables from the first iteration

Confirming User Requirements with Use Cases

- The second iteration of a model
- Elements needed to refine a use case
- Key deliverables from the second iteration

Specifying Requirements with Use Cases

- The specification process
- Key attributes for functional requirements
- Supplemental requirements and performance characteristics
- Specification techniques
- Wireframes
- Overcoming tailoring challenges

Documenting and Validating Requirements

- Requirements documentation
- Documentation and validation deliverables and best practices

Learn more at

hpe.com/us/training/businessanalysis