

Crafting High Quality Requirements HE555S (6311)

This course will help participants develop a proactive environment for requirements gathering and analysis. It explains ways to identify, document, analyze, and track requirements and discusses validation and verification.

HPE course number	HE555S
Course length	3 days
Delivery modes	ILT, VILT
View schedule, local pricing, and register	View now
View related courses	View now

Why HPE Education Services?

- IDC MarketScape leader 4 years running for IT education and training*
- Recognized by IDC for leading with global coverage, unmatched technical expertise, and targeted education consulting services*
- Key partnerships with industry leaders OpenStack®, VMware®, Linux®, Microsoft®, ITIL, PMI, CSA, and (ISC)²
- Complete continuum of training delivery options—self-paced eLearning, custom education consulting, traditional classroom, video on-demand instruction, live virtual instructor-led with hands-on lab, dedicated onsite training
- Simplified purchase option with HPE Training Credits

Course objectives

Upon completion of this course, you will be able to:

- Describe the responsibilities of the business analyst and the major deliverables in the business systems requirements analysis process
- Prepare an elicitation plan tailored to the project environment and the development lifecycle
- Analyze requirements using key-modeling techniques
- Recognize and compose clear requirements statements
- Create high-level models employing use cases to confirm project scope (First iteration)
- Create high-level models employing use cases to confirm user needs (Second iteration)
- Create high-level models employing use cases to specify user requirements (Third 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

*Realize Technology Value with Training, IDC Infographic 2037, Sponsored by HPE, January 2016

Detailed course outline

Key business solution concepts

- Key concepts overview
 - Project types
 - Classifications of requirements
 - Ways to represent requirements
 - System requirements overview
 - Software delivery lifecycles
 - Project vs. product lifecycle
 - Requirements practice
 - Planning for the requirements phase
 - Inputs into the requirements phase
 - Responsibility for requirements
 - Requirements phase exit
 - Project team
 - Requirements best practices
 - Requirements challenges
-

Eliciting requirements

- Requirements elicitation overview
 - Requirements elicitation process
 - Tailoring the elicitation process
 - Elicitation best practices
 - Overcoming common elicitation risks
-

Analyzing requirements

- Requirements analysis overview
 - Requirements analysis process
 - Analysis deliverables
 - Tailoring the analysis process
 - Analysis best practices
 - Analysis challenges
 - Iteration vs. phased approach
-

Writing requirements

- Written requirements overview
 - Guidelines for writing requirements
-

Confirming project scope with use cases (First iteration)

- Confirming project scope overview
 - First iteration-confirming scope process
 - First iteration deliverables
 - Use cases and risk reduction
 - Tailoring the use case process
 - First iteration best practices
 - First iteration challenges
-

Confirming user requirements with use cases (Second iteration)

- Confirming user requirements overview
 - Confirming user needs process
 - Second iteration deliverables
 - Second iteration results
 - Second iteration best practices
 - Second iteration challenges
-

Course data sheet

Specifying requirements with use cases (Third iteration)

- Specifying requirements overview
- Requirements specification (Third iteration) process
- Third iteration deliverables
- Tailoring the specification process
- Specification best practices
- Third iteration challenges

Documenting and validating requirements

- Documenting and validating requirements overview
- Documentation and validation deliverables
- Documentation best practices
- Documentation challenges
- Validation best practices
- Validation challenges
- Tailoring the documentation process
- What is the BRD?
- Importance of the BRD
- Preparation for requirements management

Course summary

- Lesson objectives
 - Quotable quote
 - BABOK guide knowledge areas
 - What is a requirement?
 - Software delivery lifecycles
 - Developing an action plan
-

Professional benefits

The following credits are available for this course:

- 21 PDU
- 24 CPE
- 21 CLP
- 2.1 CEU

Learn more at

hpe.com/ww/learnprojectmanagement

Follow us:



© Copyright 2015–2016 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Microsoft is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. The OpenStack Word Mark is either a registered trademark/service mark or trademark/service mark of the OpenStack Foundation, in the United States and other countries and is used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation or the OpenStack community. Pivotal and Cloud Foundry are trademarks and/or registered trademarks of Pivotal Software, Inc. in the United States and/or other countries. Linux is the registered trademark of Linus Torvalds in the U.S. and other countries. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions.