

Table of Contents

Revision History.....	3
Table of Contents	4
Acknowledgements	6
0 Introduction to this Syllabus.....	7
0.1 Purpose of the Document.....	7
0.2 Focus of the Syllabus	7
0.3 Business Outcomes.....	8
0.4 Examinable Learning Objectives	8
0.5 Recommended Training Times.....	9
0.6 Handling of Standards	9
0.7 Entry Requirements.....	9
0.8 Sources of Information.....	9
1 Introduction and Foundations – 80 mins.....	10
1.1 Fundamental Relationships	10
1.1.1 Business Goals, Business Needs and Requirements.....	10
1.1.2 Requirements / User Stories, Acceptance Criteria and Acceptance Tests	11
1.1.3 The Importance of the Quality of the Requirements	11
1.2 Business Analysis and Acceptance Testing	12
1.2.1 Relationship between Business Analysis and Testing Activities.....	12
1.2.2 Collaboration between Business Analysts and Testers in Acceptance Testing	
13	
1.2.3 How Acceptance Testing Can Drive the Development Process: ATDD and BDD	
14	
2 Acceptance Criteria, Acceptance Tests and Experience- Based Practices – 165 mins.	
15	
2.1 Writing Acceptance Criteria	15
2.2 Designing Acceptance Tests	16
2.2.1 Test Techniques for Acceptance Testing	16
2.2.2 Using the Gherkin Language to Write Test Cases	16
2.3 Experience-based Approaches for Acceptance Testing	17
2.3.1 Exploratory Testing.....	17
2.3.2 Beta Testing	18
3 Business Process and Business Rules Modeling – 150 mins.....	19
3.1 Modeling Business Processes and Rules.....	19
3.2 Deriving Acceptance Tests from Business Process/Rule Models.....	20
3.3 Business Process Modeling for Acceptance Testing	20
3.3.1 Good Practices for Business Process Modeling for Acceptance Testing	21
3.3.2 Using Business Process Models for ATDD	21
4 Acceptance Testing for Non-Functional Requirements – 95 mins.....	23
4.1 Non-functional Characteristics and Quality in Use.....	23
4.1.1 Non-functional Quality Characteristics and Sub-characteristics	24
4.1.2 Quality in Use	25

4.2 Usability and User Experience.....	26
4.2.1 UX Requirements Analysis.....	26
4.2.2 Usability Testing	27
4.3 Performance Efficiency.....	27
4.3.1 High-level Performance Acceptance Tests.....	27
4.3.2 Acceptance Criteria for Performance Acceptance Tests	28
4.4 Security.....	28
5 Collaborative Acceptance Testing – 110 mins.....	30
5.1 Collaboration	30
5.2 Activities	31
5.2.1 Defect Analysis.....	31
5.2.2 Reporting.....	31
5.2.3 QA Activities for Acceptance Testing.....	32
5.3 Tool Support.....	32
6 Abbreviations.....	34
7 Registered Trademarks	35
8 References	36
Standards	36
IQBBA® Documents.....	36
ISTQB® Documents	36
Referenced in this Syllabus	37
Appendix A – Subset of BPMN 2.0.1 and DMN 1.2.....	38
A.1 Subset of BPMN 2.0.1	38
A.2 Subset of DMN 1.2	39