Scope & Requirements (REQ02)

Course Introduction	2m
Section 01 - Effective Listening Skills for Requirements Definition Effective Listening Skills Listening Is Good Business Listening vs. Hearing Causes for "Tune-Out" Communication Realities Exercise: Personal Listening Profile Listening Approaches Matching Listening Approaches Appreciative Listeners Empathic Listeners Comprehensive Listeners Discerning Listeners Evaluative Listeners Evaluative Listeners The Function of Listening	15m
Section 02 - Stakeholders Stakeholders Who is a Stakeholder? Responsibility Assignment Matrix (RAM) The RACI Matrix Steps in Stakeholder Management Key Stakeholder Questions IIBA BOK Stakeholder Questions Stakeholder Prioritization	11m
Section 03 - Scope Definition Scope Definition The Product vs. Project Scope The IIBA BOK Process Model Enterprise Analysis Requirements Planning & Management Requirements Elicitation Requirements Analysis Requirements Communication Solution Assessment & Validation Fundamentals Project Boundaries The PMI Scope Management Framework Real World Best Practice The LGd Process Project Sponsor Issues Charter Charter Environmental Factors to Consider The Project Data Sheet (PDS) Roles & Responsibilities Gold Plating Scope Creep	35m

Section 04 - Creating Effective Work Breakdown Structures 21m Creating Effective Work Breakdown Structures Scope Definition The Work Breakdown Structure Types of WBS Elements Components of the WBS **WBS Basic Structure** Code of Accounts **WBS** Dictionary Managing Change The What and The How **Key Questions** What's wrong with this WBS? Why use a WBS? Introduction to Displayed Thinking 17m Section 05 - Requirements Basics Requirements Basics Definition What is a Requirement? **IIBA BOK Requirements** Functional vs. Non-Functional What Makes A Good Requirement? **Examples of Poor Requirements** Business Requirements vs. System Requirement Requirements Written Individually Key Requirement Tests The Problem Pyramid Section 06 - Use Cases 11m **Use Cases** Overview Why Create Use Cases? The WBS and Use Cases The Basic Use Case Process Keys to Effective Use Cases Detailed Use Case - Section 1 Detailed Use Case - Section 2 Detailed Use Case - Section 3 Detailed Use Case - Section 4 Use Case Checklist Section 07 - Developmental Methodologies 29m **Developmental Methodologies** Methodologies, Frameworks and Processes Methodology Drivers The Volere Process Success with RUP The Basic RUP Process Inception Phase **Elaboration Phase** Construction Phase Transition Phase Key Modeling Elements of the RUP

Guidelines to Success with RUP

SCRUM Basics The Scrum Roles The Scrum Flow The Scrum Tools The Scrum Skeleton	
Section 08 - Testable Requirements	9m
Testable Requirements	
Standard Testing Activities Paguirements Record Testing (RRT)	
Requirements Based Testing (RBT) RBT Strategy	
RBT 12-Step Process	
Ambiguity Review	
Example Types of Testing	
Types of Testing Test Cases	
1001 04000	
Section 09 - The Software Requirements Specification (SRS)	12m
The SRS	
The SRS Defined SRS Goals	
The SRS Components	
Getting Started	
10 Quality Characteristics of an SRS	
Quality Measures Related to Individual SRS	
Continuances Directives	
Options	
Weak Phrases	
Section 10 - Business Domain Modeling	6m
Business Domain Modeling	OIII
BDM Defined	
BDM Roles - The Business Process Analyst	
BDM Roles - The Business Model Reviewer	
BDM Roles - The Software Architect BDM Artifacts	
BDM Model	
BDM Example	
BDM Example DB Schema	
Why is a Domain Model Needed? BDM Example - Continued	
Bow Example - Continued	
Section 11 - Other Advanced Tools	26m
Tools	
Key Techniques Definitions	
The Spectrum Diagram	
Activity Diagram	
Block/Swimlane Workflow Diagram	
Business Process Diagram (BPD)	
Cause & Effect Diagram Decision Tree Analysis	
Advanced Decision Tree	
Class Diagrams	

Class Diagrams – Key Terms
Class Diagram Example
Data Flow Diagrams (DFD)
Data Flow Diagram – Key Terms
FURPS+
Course Closure

Section 12 - Final Exam

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Final Exam

Total Duration: 3hrs 15min