

LookingGlass - Agile Certified Practitioner (ACP) Exam Prep

Course Overview

This course will help prepare students for the Agile Certified Practitioner exam, first by explaining the application process and test, then by looking at specific areas of Agile such as the Agile framework, value-driven delivery, stakeholder engagement, boosting team performance, adaptive planning, problem detection and resolution, and continuous improvement.

<u>Course Introduction</u>	2m
Course Introduction	
<u>Chapter 01 - Application Process and Test</u>	39m
Application Process and Test	
Application Process	
ACP Qualifications	
Scheduling Your Exam	
Rescheduling/Cancelling	
Exam Results	
Fees	
The Test	
Test Breakdown	
The Exam	
Test Breakdown (Cont.)	
Level 1 (33% of Total Examination Questions)	
Level 2 (12% of Total Examination Questions)	
Level 3 (5% of Total Examination Questions)	
Key Readings	
Key Domain Areas	
<u>Chapter 02 - Agile Framework</u>	1h 20m
Agile Framework	
PMBOK Guide vs. Agile	
Overview - Agile is Iterative and Incremental	
The Effects of WIP and “Best Resourcing”	
Overview - The Beginning of Agile	
Overview - Agile Development Values...	
Overview - The 12 Principles of Agile Software	
The Heartbeat of Agility	
Must, Wants and Needs	
Agile Methodologies	
Scrum Basics - Foundation	
Scrum Basics - The Scrum Roles	
Team Members	

Scrum
The Daily Sprint Schedule
Key Scrum Artifacts - Product Backlog
Scrum Board
Extreme Programming - Core Values
Extreme Programming - XP Core Practices
Extreme Programming - XP Is Customer Focused
Extreme Programming - Iteration 0
Extreme Programming - The Basic Steps
Feature-Driven Development
Feature-Driven Development (FDD)
Dynamic Systems Development Method
Dynamic Systems Development Method - DSDM Eight Principles
Crystal
Lean Software Development
Kanban Development
Task/Kanban Board
Kanban Development (Cont.)
Test Assumption

Chapter 03 - Value-Driven Delivery

1h 24m

Value-Driven Delivery
Assessing Value
Planning Value
Value Stream Mapping
A Sample Story Map
A Sample Product Roadmap
Types of Risks
Expected Monetary Value (EMV)
Decision Tree Analysis
Agile Contracting
Why Not Gantt Charts and Other Software?
Little's Law
Cumulative Cost Curve
Forecasting - ETC
Forecasting - EAC
Forecasting - TCPI
Burndown Chart

Chapter 04 - Stakeholder Engagement

47m

Stakeholder Engagement
Who is a Stakeholder?
Wireframes
Personas
User Stories
User Story Strengths
User Stories The 3 Cs
You Must INVEST in Your Stories
Definition of Done (DoD)
F2F is Best

Information Radiators Examples
Conflict Resolution
Speed B. Leas Conflict Model
Participatory Decision Models
Management vs. Leadership
Servant Leadership
12 Principles for Leading Agile Projects

Chapter 05 - Boosting Team Performance

22m

Boosting Team Performance
COCOMO
Adaptive Leadership
Leadership Styles
Theories of Management Style
Emotional Intelligence
Empowered Teams
High-Performance Teams
The Five Dysfunctions of a Team
The Daily Scrum
One-on-One Coaching & Mentoring
Brainstorming Techniques
Other Tools

Chapter 06 - Adaptive Planning

42m

Adaptive Planning
Timeboxing
Progressive Elaboration
Process Tailoring
The Agile Pyramid
Value-Based Analysis
Value-Based Decomposition and Prioritization
Agile Games
Wideband Delphi and Planning Poker
Estimation
Time, Budget and Cost Estimation
What Causes Project Delays?
Planning Differences

Chapter 07 - Problem Detection and Resolution

27m

Problem Detection and Resolution
Cost vs. Value of Change
Escaped Defects
Quality Standards
Failure Modes and Alternatives
Continuous Integration
Risk-Based Spike
Test-Driven Development
Acceptance Test-Driven Development
Problem Solving

Problem Solving - Gather Data
Problem Solving - Generate Insights
Problem Solving - Decide What to Do

Chapter 08 - Continuous Improvement

5m

Continuous Improvement
Retrospectives Are Key
Retrospectives Steps
Complexity Assessment
Course Closure

Total Duration: 5h 48m