

Scrum Product Owner Certified

Course Overview

This course provides students with an introduction to Scrum. It also teaches students about roles and responsibilities, planning, managing quality, change, and risk, and sprints.

<u>Course Introduction</u>	3m
Course Introduction	
<u>Chapter 01 - Course Introduction</u>	8m
Lesson: Course Introduction	
Welcome to the Course!	
My Scrum/Agile Mentoring Community	
Why Are You Here?	
Using Bloom's Taxonomy	
What do you Expect?	
Housekeeping in the Classroom & Online	
Conventions Used	
Quizzes & Exercises	
Scrum Certification Exams	
Getting Started	
<u>Chapter 02 - Introduction to Scrum</u>	44m
Introduction to Scrum	
Learning Objectives	
Terms to Know	
Lesson: Scrum Overview	
Scrum Overview	
Project Management as a Discipline	
Software Development Lifecycle Management	
Traditional PM	
Agile History	
Agile Manifesto Principles 1-5	
Agile Manifesto Principles 6-12	
Agile Methods	
Scrum History	
Scrum Benefits	
Scrum Scalability	
Lesson: Scrum Concepts & Principles	
Scrum Principles	
Empirical Process Control	
Self-Organization	
Collaboration	

Value-Based Prioritization
Time-Boxing
Iterative Development
Scrum Aspects
Lesson: Scrum Phases & Processes
Scrum Phases
Initiate
Plan & Estimate
Implement
Review & Retrospect
Release
Lesson: Introduction to Scrum Summary
Introduction to Scrum Summary
Chapter Quiz

Chapter 03 - Roles and Responsibilities

23m

Roles and Responsibilities
Learning Objectives
Terms to Know
Lesson: The Product Owner
Identify the Product Owner
Product Owner Responsibilities
Product Owner Authorities
Lesson: The Scrum Master
Identify the Scrum Master
Scrum Master Responsibilities
Scrum Master Authority
Lesson: The Scrum Team
Forming the Scrum Team
Scrum Team Responsibilities
Scrum Team Authorities
Identify the Stakeholders
Fundamental Differences with Traditional PM
Lesson: Roles & Responsibility Summary
Roles & Responsibilities Summary
Chapter Quiz

Chapter 04 - Planning

1h 22m

Planning
Learning Objectives
Terms to Know
Lesson: The Project Vision
Importance of a Project Vision
Create the Project Vision
Project Vision Meeting
JAD Sessions
SWOT Analysis

Gap Analysis
Just Enough
Outputs of Project Vision Meeting
Lesson: User Group Meetings
Create the Prioritized Product Backlog
Develop Epic(s)
Epics & Personae
User Story Meetings and Workshops
Writing User Stories
User Story Acceptance Criteria
Lesson: Estimates
Estimating the Product Backlog
Accuracy vs Precision
Size vs Duration
Estimates vs Commitments
Lesson: Prioritized Product Backlog
Value-Driven Delivery
Factors
Product Backlog Essentials
Prioritized Product Backlog
Product Backlog Items
Prioritize the Product Backlog
Business Justification Techniques
MoSCow Analysis
100 Point Method
Kano Analysis
Continuous Value Justification
Definition of Done
Responsibilities
Lesson: Release Plan
Conduct Release Planning Meeting
Outputs of Release Planning
Piloting Plan
Organizational Deployment Methods
Communications Plan
Release Burndown Chart
Release Burndown Chart –Example
Lesson: Planning Summary
Planning Summary
Chapter Quiz

Chapter 05 - Manage Quality, Change, and Risk

31m

Manage Quality, Change, and Risk
Learning Objectives
Terms to Know
Lesson: Quality
Quality Definition

Acceptance Criteria
Definition of Done
Quality Management in Scrum
Lesson: Change
Supporting Change
Unapproved and Approved Change Requests
Flexibility vs. Stability
Integrate Change
Lesson: Risk
Risks vs. Issues
Risk Attitude
Risk Identification
Risk Assessment
Risk Prioritization
Risk Mitigation
Risk Burndown Chart
Minimizing Risk in Scrum
Lesson: Manage Quality, Change & Risk Summary
Manage Quality, Change & Risk Summary
Chapter Quiz

Chapter 06 – Sprints

42m

Sprints
Learning Objectives
Terms to Know
Lesson: Sprint Planning Meeting
Sprint Planning Meeting
Two Parts of a Task Planning Meeting
Planning Poker
Fist of Five
Points for Cost Estimation
Other Estimation Techniques
Use Index Cards
Decomposition
Determine Dependencies
Establishing Estimation Criteria
Creating the Sprint Backlog
Scrumboard
Sprint Burndown Chart
Velocity
Sprint Tracking Metrics
Outputs from Sprint Planning Meeting
Lesson: During the Sprint
The Daily Standup Meeting
Three Daily Questions
The War Room
Outputs from Conduct Daily Standup

Collaboration During a Sprint
Lesson: Groom the Prioritized Product Backlog
Product Backlog Review Meetings
Facilitate Communications
Lesson: Sprint Review Meeting
Sprint Review Meeting
Outputs of Sprint Review Meeting
Lesson: Ship Deliverables
Shipping Deliverables
Outputs from Ship Deliverables
Lesson: Sprints
Sprints Summary
Chapter Quiz
Course Closure

Total Duration: 3h 9m