

## Scrum Developer Certified (SDC™) Course Outline

### Syllabus:

#### Chapter 1: Introduction

- Scrum Overview
- Scrum Principles
- Scrum Aspects
- Scrum Processes
- Scrum Summary
- Scrum Advantages

#### Chapter 2: Organization

- Core Roles
  - Core Role: Product Owner
  - Core Role: Scrum Master
  - Core Role: Scrum Team
- Non-core Roles

#### Chapter 3: Business Justification

- Responsibilities of Scrum Roles in Business Justification
- Factors used to Determine Business Justification
- Business Justification Evaluation Techniques
- Tools for Planning Value
- Continuous Value Justification
- Summary of Responsibilities

#### Chapter 4: Quality

- Quality Defined
- Acceptance Criteria and the Prioritized Product Backlog
- Quality Management in Scrum
- Quality Planning
- Continuous Integration and Sustainable Pace
- Quality Control and Quality Assurance
- Summary of Responsibilities

#### Chapter 5: Change

- Unapproved and Approved Change Requests
- Change in Scrum
- Balancing Flexibility and Stability
- Achieving Flexibility

- Changes to a Sprint
- Impact of Expected Change on the Length of Sprint
- Managing Changes through Prioritized Product Backlog Grooming
- Managing Changes During Demonstrate and Validate Sprint

#### Chapter 6: Risk

- What is Risk?
- Risks and Issues
- Risk Management Procedure
- Risk Identification
- Risk Assessment
- Risk Assessment Techniques:
- Risk Mitigation
- Risk Communication
- Minimizing Risks through Scrum
- Summary of Responsibilities

#### Chapter 7: Introduction to Scrum Project Phases 59

#### Chapter 8: Initiate Phase

- Process 1: Create Project Vision
- Process 2: Identify Scrum Master and Stakeholder(s)
- Process 3: Form Scrum Team
- Process 4: Develop Epic(s)
- Process 5: Create Prioritized Product Backlog
- Process 6: Conduct Release Planning

#### Chapter 9: Plan and Estimate Phase

- Process 1: Create User Stories
- Process 2: Approve, Estimate, and Commit User Stories
- Process 3: Create Tasks
- Process 4: Estimate Tasks
- Process 5: Create Sprint Backlog

#### Chapter 10: Implement Phase

- Process 1: Create Deliverables
- Process 2: Conduct Daily Standup
- Process 3: Groom Prioritized Product Backlog

#### Chapter 11: Review and Retrospect Phase

- Process 1: Convene Scrum of Scrums
- Process 2: Demonstrate and Validate Sprint
- Process 3: Retrospect Sprint

## Chapter 12: Release Phase

- Process 1: Ship Deliverables
- Process 2: Retrospect Project

## Chapter 13: Scaling Scrum

- Scalability of Scrum
- Transition to Scrum
- Resistance to Change
- Mapping Traditional Roles to Scrum
- Importance of Executive Support