

SCRUM Study Agile Master Certified (SAMC™) Course Outline

- Introduction
- Agile Overview
 - AGILE Defined
 - Why use Agile?
 - Adaptive Project Management
 - The Agile Manifesto
 - Principles of the Agile Manifesto
 - Declaration of Interdependence
 - What has changed?
 - Difference between Waterfall and Agile
- Domains of Agile Practices
 - Value-Driven Delivery
 - Adaptive Planning
 - Team Performance Practices
 - Agile Tools and Artifacts
 - Participatory Decision Models
 - Stakeholder Engagement
 - Continuous Improvement
- Lean Kanban Software Development
 - Introduction
 - Core Values
- Understanding Lean Software Development
 - Introduction
 - Core Values
 - Practices of Lean Software Development
 - Iterative Development
- Understanding Kanban
 - Kanban in software development
 - Kanban Values
 - Kanban Practices
 - Definition of Lean Kanban
 - Implementing Lean Kanban
- Scrum
 - Overview of Scrum
 - Brief History of Scrum
 - Why Use Scrum?
 - Scalability of Scrum
 - Scrum Principles
 - Scrum Aspects
 - Scrum Processes
 - Scrum and Kanban
- Extreme Programming
 - Core Values
 - Roles
 - Practices
 - XP release
 - XP Artifacts
 - Adopting XP
 - XP Events
 - Iteration
- Test-Driven Development
- DSDM
 - Core Values
 - Roles
 - Practices
- Crystal
 - Core Values
 - Roles
 - Practices
 - The Process
- Feature Driven Development
 - Core Values
 - Roles
 - Practices
 - The Process
- Comparison of Agile Methods
- Best Fit Analysis Tool