SAMC ScrumStudy Agile Master Certification

Course Overview

Rapid changes in technology, market demands, and expectations have paved the way for the conceptualization and implementation of agile methods and values in many organizations. Agile relies on adaptive planning, iterative development and incremental delivery. It focuses primarily on the value to be delivered to the customer frequently and as early as possible .This Workshop is appropriate for professionals interested in getting familiar with the concepts and practices of different Agile Project Management methodologies and how they can be integrated and adopted to accomplish tasks.

Who Should Attend

Project Managers; Program Managers; Business Analyst. Anyone who is interested in understanding Agile methodologies and how they can work in conjunction, to accomplish tasks.

Course Outline

Agile Domains
• Domain 1. Agile Principles and Mindset
• Domain 2. Value – driven Delivery
• Domain 3. Stakeholder Engagement
• Domain 4. Team Performance
• Domain 5. Adaptive Planning
Domain 6. Problem Detection and Resolution
Domain 7. Continuous Improvement
Sub Domain and related Tasks

Scrum
•Overview of Scrum
•Brief History of Scrum
•Why Use Scrum?
•Scalability of Scrum
•Scrum Principles
•Scrum Aspects
•Scrum Processes

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

Extreme Programming
Core Values
Roles
Practices
XP Release
XP Artifacts
Adopting XP
XP Events
iteration
Test Driven Development

DSDM (Dynamic System Development Methodology)
Philosophy , Principles and Project Variable
Preparing for Success (*Instrumental Success Factors -ISF; Level of Rigor ; Project Approach Questionnaire*)
DSDM Process (*Pre Project; Feasibility; Foundation; Evolutionary Development; Deployment ; Post Project*)
DSDM People – The Roles and Responsibilities
DSDM Products ; Key Practices – Prioritization and Time Boxing
Planning and Control throughout the Life Cycle