



Inspiring growth and improvement

A large circular image with a white border, showing a close-up of a hand typing on a black keyboard. The image is in grayscale and has a soft, blurred effect.

Managing Projects with SCRUM

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Highlights

Experienced & qualified trainers

Approved training material

Prepares participants to
manage projects using SCRUM

Workshops and exercises

**Learn premium agile project management
model used very successfully by the various
industries across the globe.**

Introduction

Scrum is an agile process for managing various types of projects. With Scrum, projects progress via a series of iterations called sprints. Each sprint is typically 2-4 weeks long. Scrum is ideally suited for projects with rapidly changing or highly emergent requirements. The course teaches the concepts of short delivery cycles, working with changing requirements and empirical process control. Students will learn how to work in deliver results in time-boxed iterations, hold Scrum meetings, manage work backlogs and prioritize work to satisfy business need. They will also learn how, in a changing environment, to keep high quality design and discover requirements.

Learning Objectives

Participants will learn how to:

- › Follow Scrum processes, fulfill roles and responsibilities
- › Develop products in an Agile fashion using time-boxed iterations
- › Understand Agile values and principles
- › Participate in Scrum style meetings such as daily stand up, planning and retrospectives
- › Identify development impediments and take action to remove
- › Understand the technical practices common in Agile development and Scrum

Contents

> Introduction to Agile Project Management

- ▶ What is Agile?
- ▶ Agile Manifesto and Agile Principles
- ▶ Declaration of Interdependence (DOI)
- ▶ Different Agile Methods (Scrum, XP, FDD, DSDM, Crystal, LSD, ASD, AUP, Kanban, etc.) and their Adoption
- ▶ Business-Based Development

> Introduction to Scrum

- ▶ What is Scrum?
- ▶ Scrum's Area of Application
- ▶ Why Scrum Works?
- ▶ Defined Process Control
- ▶ Empirical Process Control

> Scrum Content

- ▶ Scrum Values
- ▶ Roles
- ▶ Time-Boxes
- ▶ Artifacts
- ▶ Rules

> Scrum Roles

- ▶ Scrum Master (SM)
- ▶ Product Owner (PO)
- ▶ Teams
- ▶ Stakeholders

> Scrum Flow

- ▶ Product Vision
- ▶ Release Planning Meeting
- ▶ Sprints
- ▶ Sprint Planning Meeting
- ▶ Agile Estimation using Planning Poker
- ▶ Daily Scrums
- ▶ Sprint Review
- ▶ Sprint Retrospective

> Scrum Artifacts

- ▶ Product Backlog
- ▶ Sprint Backlog
- ▶ Release Burndown Chart
- ▶ Sprint Burndown Chart
- ▶ Impediment List
- ▶ Kanban Boards / Task Boards

> Introduction to Extreme Programming (XP)

- ▶ Core Values
- ▶ Practices
- ▶ Process
- ▶ Events
- ▶ Roles
- ▶ Artifacts

> Combining Scrum with Extreme Programming

- ▶ Continuous Integration (CI) and Frequent Check-ins
- ▶ Refactoring
- ▶ Test-Driven Development (TDD)
- ▶ Pair Programming
- ▶ Collective Code Ownership
- ▶ Coding Standards

Recommended Participants

This course is highly valuable for:

- Software Engineers, Testers, Business Analysts, Product Managers and, Project, Program and Development Manager who plan to work in and with Scrum teams
- Whole teams who wish to transition to Scrum and other Agile development methods
- Business customers and users who work with software teams and want to understand the new paradigm of Agile development.

Prerequisites

Knowledge of agile project management would be preferable but not required.

Course Format

The course uses a stimulating mix of instructions, workshops, quizzes, discussions and a practice-exam.

Duration

2 days

Materials Provided

- Course reference manual containing copy of course slides, support documents, quizzes and answers
- Practice exam
- Course Certificate

About Business Beam

Business Beam is a top of the line Management consultancy, training and outsourcing firm that helps organizations solve problems in strategy, governance, operations, quality, services, projects, information security, business continuity, human resources, risks and internal audit.

Established in 2004 with a vision to drive organizations towards corporate excellence, Business Beam has served hundreds of organizations of various sizes, different domains and geographical regions.

Business Beam partners with customers to convert them into high-performance businesses and governments. We feel honored to help them grow!

Our training program has successfully reached to more than 7,000 professionals and executives, from 25+ different nationalities, and representing 1000+ organizations.

Business Beam is AXELOS certified partner and Accredited Training Organization (ATO) for COBIT, ITIL, PRINCE2, P3O and DevOps. We are also itsMF member, PECB partner, ISACA official licensee and CMMI Institute partner.

Contact Us

To find out more about how Business Beam can help you meet your growth objectives, visit www.businessbeam.com or contact us at training@businessbeam.com

