

Course Title: Introduction to Scrum

Course Description:

This course is an introduction to Scrum, an agile project management methodology. Scrum provides a framework for teams to work together to develop complex products in an iterative and incremental manner. Through this course, you will learn the fundamentals of Scrum, including its roles, events, artifacts, and principles.

Course Objectives:

Upon completion of this course, participants will be able to:

- Explain the principles and values of Scrum
- Understand the roles, responsibilities, and interactions of the Scrum Team, including the Scrum Master, Product Owner, and Development Team
- Describe the Scrum events, including Sprint Planning, Daily Scrum, Sprint Review, and Sprint Retrospective
- Understand the purpose and importance of Scrum artifacts, including Product Backlog, Sprint Backlog, and Increment
- Identify the benefits and challenges of using Scrum in software development projects

Course Outline:

Session 1: Introduction to Agile and Scrum

- Agile values and principles
- Scrum framework and its origins
- Scrum vs. traditional project management

Session 2: Scrum Roles

- Scrum Team
- Scrum Master
- Product Owner
- Development Team
- Responsibilities and interactions of Scrum roles

Session 3: Scrum Events

- Sprint Planning
- Daily Scrum
- Sprint Review
- Sprint Retrospective
- Purpose and outcomes of Scrum events

Session 4: Scrum Artifacts

- Product Backlog
- Sprint Backlog

- Increment
- Purpose and importance of Scrum artifacts

Session 5: Scrum Principles

- Empirical Process Control
- Self-Organization
- Collaboration
- Value-based Prioritization
- Time-boxing
- Iterative and Incremental development
- Importance of Scrum principles

Session 6: Benefits and Challenges of Scrum

- Benefits of using Scrum
- Challenges of adopting Scrum
- Key success factors for using Scrum

Course Delivery:

The course will be delivered in a mix of lecture, discussion, and interactive activities. Participants will have the opportunity to practice applying Scrum principles and practices through hands-on exercises. The course will also include real-world examples and case studies of Scrum in action.

Course Duration:

The course will be delivered over a period of four Saturdays, with each session lasting approximately 2 hours. The total course duration is 8 hours.

Prerequisites:

No prior knowledge of Scrum or agile is required. Your concentration is the only requirement.