

Agile (Scrum) Training Syllabus

Introduction:

- Why Agile
- Agile Manifesto
- Principles behind Agile Manifesto
- History of Agile
- Empirical Process
- Traditional Approach Vs Agile Approach
- Some Agile Facts and Figures

Overview of the Scrum Framework:

- Scrum roles and responsibilities – Scrum Master, Product Owner, Team
- Scrum events – Release/Sprint Planning, Review, Retrospective, Scrum meeting
- Scrum artefacts – Product Backlog, Sprint Backlog, Burndown charts and Task boards

Sprint:

- Scrum Pre-Planning Meeting
- Sprint Planning meeting
- A typical Sprint Calendar
- Defining DONE
- Getting to DONE – Good and BAD Ways
- The Sprint Backlog

How Sprint Works:

- Daily Scrum Meeting
- Updating Sprint Backlog
- Sprint Review
- Sprint Retrospective

Scrum and Metrics:

- Principles of Agile metrics
- Reflections
 - Reflection of each iteration
 - Business value Delivered
 - Velocity
 - Burn Down

Release Planning and Estimation in Scrum:

- Velocity – Based on historical Data
- How to plan a release in Scrum

Miscellaneous:

- Scrum dis-advantages
- Technical Best Practices for Teams