



Where trainees meet real Support

SCRUM MASTER TRAINING COURSE OUTLINE

Course Structure

Course Duration	1 Month (4 Weeks)
Total Lectures	20 Lectures
Schedule	5 Lectures per Week
Mode	Instructor-led training with hands-on practice
Outcome	Scrum Master / Agile Project Management readiness

Course Content

- Introduction to SDLC
- What is Agile?
 - o Agile Manifesto
 - o Agile values and principles
 - o Types of Agile methodologies
- Classic life cycles Vs Agile methodologies
- Introduction to Scrum
 - o Approach
 - o Thought process
 - o Brief history
- Principles of Scrum
- Values of Scrum
- Introduction to Scrum Framework
- Sprint
- Scrum roles
 - o Product owner
 - o Scrum Master
 - o Team
- Scrum ceremonies
 - o Daily scrum
 - o Sprint planning
 - o Sprint review
 - o Sprint retrospective



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- Scrum Artefacts
 - o Product backlog
 - o Sprint backlog
 - o Burndown charts
- Project Management in Scrum
 - o Working with impediments
 - o Planning in Scrum
 - o Estimation in scrum
 - o Working with teams
 - o Working with co-located teams
 - o Working with distributed teams
- Product increment & DoD
- Motivating teams
- Collaboration
- Risks
- Estimation
- Leadership styles
- Closing the Sprint

SUPPORT ME
—BY THE DEVELOPERS' GROUP



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4-WEEK LECTURE PLAN (20 LECTURES)

WEEK 1 | Agile Foundations (Lectures 1 - 5)

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| Lecture 1 | Introduction to SDLC |
| Lecture 2 | What is Agile? Agile Manifesto |
| Lecture 3 | Agile values, principles & types of Agile methodologies |
| Lecture 4 | Classic life cycles Vs Agile methodologies |
| Lecture 5 | Introduction to Scrum: approach, thought process & brief history |

WEEK 2 | Scrum Framework & Roles (Lectures 6 - 10)

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| Lecture 6 | Principles of Scrum |
| Lecture 7 | Values of Scrum |
| Lecture 8 | Introduction to Scrum Framework |
| Lecture 9 | The Sprint |
| Lecture 10 | Scrum roles: Product Owner, Scrum Master & Team |

WEEK 3 | Ceremonies & Artefacts (Lectures 11 - 15)

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| Lecture 11 | Scrum ceremonies I: Daily Scrum & Sprint Planning |
| Lecture 12 | Scrum ceremonies II: Sprint Review & Sprint Retrospective |
| Lecture 13 | Scrum artefacts: Product backlog & Sprint backlog |
| Lecture 14 | Burndown charts & tracking progress |
| Lecture 15 | Product increment & Definition of Done (DoD) |

WEEK 4 | Project Management & Leadership (Lectures 16 - 20)

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| Lecture 16 | Project Management in Scrum: working with impediments & planning |
| Lecture 17 | Estimation in Scrum |
| Lecture 18 | Working with teams: co-located & distributed teams |
| Lecture 19 | Motivating teams, collaboration & leadership styles |
| Lecture 20 | Risks & Closing the Sprint |