

## Course Outline - Agile Project Management Using Scrum

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| <b>Course Duration</b> | 2 days                            |
| <b>Pre-requisite</b>   | Basic Project Management Concepts |

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| <b>Course Description</b>   |
| <ul style="list-style-type: none"> <li>▪ This two-day course introduces concepts of Agile and SCRUM to practitioners of Agile principles.</li> <li>▪ The course is composed of lectures and class exercises, practices and examination with ample opportunity for participant questions and discussions. This course will also cover a complimentary e-learning on Agile project management using Scrum.</li> </ul> |

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| <b>Learning Outcome</b>   |
| <ul style="list-style-type: none"> <li>▪ Understanding challenges of traditional software development methodologies</li> <li>▪ Understand principles of Agile and SCRUM</li> <li>▪ Understanding Agile Project Management</li> <li>▪ Introduction to Extreme Programming</li> <li>▪ Agile Project Planning – SCRUM</li> <li>▪ Apply SCRUM principles in their project</li> <li>▪ Agile Estimation</li> <li>▪ Agile Monitoring and Measurements</li> </ul> |

### Course Outline

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| <p><b>Course Outline - Day 1</b></p> <p><b>Course introduction</b></p> <ul style="list-style-type: none"> <li>• Participant introduction</li> <li>• Expectation gathering</li> <li>• Introduction to Agile Project Management</li> <li>• Problems with traditional development practices</li> <li>• Agile Principles</li> </ul> | <b>2 Hours</b> |
| <p><b>2) Introduction to Agile Methodologies</b></p> <ul style="list-style-type: none"> <li>• Introduction to Extreme Programming</li> <li>• Test Driven Development</li> <li>• SCRUM</li> <li>• SCRUM Roles</li> <li>• SCRUM Events</li> <li>• SCRUM Artifacts</li> </ul>  | <b>3 Hours</b> |
| <p><b>3) Agile Estimation</b></p> <ul style="list-style-type: none"> <li>• Understanding Story Points</li> <li>• Estimating Story Points</li> <li>• Understanding Velocity</li> </ul>   | <b>3 Hours</b> |

| Course Outline - Day 2   |                |
|--|----------------|
| <b>1) Agile Planning</b> <ul style="list-style-type: none"> <li>• Planning Poker Game</li> <li>• Understanding Releases and Iterations</li> <li>• Release Planning</li> <li>• Iteration Planning</li> <li>• Release and Iteration Planning Game</li> </ul> | <b>3 Hours</b> |
| <b>2) Agile Monitoring and Measurements</b> <ul style="list-style-type: none"> <li>• Burndown Charts</li> <li>• Agile Metrics</li> </ul>   | <b>1 Hour</b>  |
| <b>3) Scrum Simulation Exercise</b>  | <b>2 Hours</b> |
| <b>4) Certification Examination</b>  | <b>1 Hour</b>  |
| <b>5) Q&amp;A and Feedback</b>   | <b>1 Hour</b>  |

**Workshop Benefits**

- Understanding of the project cost management concepts as per the industry requirements
- Case Study to provide a simulation of the implementation of the project cost management concepts
- A structured learning environment enhances learning process by a factor of 10
- Reduces effort of learning by at least 5 times
- Participants learn from faculty as well as from each other
- Faculty with 18+ years of professional experience in business analysis, project management, product development and consulting – North America, Asia, Europe - in several top-notch organizations such as IBM, Infosys, PwC, iGate etc.
- Many techniques developed which are from practical experience
- Exposure to industry best practices on software engineering and project management

**Employees of following companies have participated in our earlier workshops:**



**Sample Earlier Course Feedbacks**

1. I would definitely recommend this training to others in Accenture!! – Sukirti Sen, Accenture
2. Thanks for conducted wonderful session and shared your excellent knowledge with us. I felt this session was knowledge

enhancement for me. Hope it will increase my confidence and perform my roles well in my projects - Chandra Sekhar Challa (Value Labs)

3. Thanks for the class it was very interesting and informative. – Sheeja Abraham, Azkonobel

4. I am impressed and Appreciate work and efforts put by you, LN and team in making all participants take home the best with them. Would definitely recommend this program to any of my colleagues , Friends - Ashwin Baliga, Xora Inc

5. Well I really should say that the choice I made was an excellent one. Not just about the trainer and the quality of the course. But the best in all fronts. I guess the difference that it made was also the quality of participants that were involved.

It was really very knowledgeable and also would definitely recommend this. - Sai Ratnakar, CRM IT