

## Agile Project Management (Implementation)

Session No#	Session mode	Session Details	Week -Day	Duration Hrs
1	EL-Async	IU 1: Fundamentals of Agile Project Management and Scrum <ul style="list-style-type: none"> <li>Agile Manifesto: Principles and Values</li> <li>Scrum Framework: Roles, Events, and Artifacts</li> </ul> IU 2: Agile & Scrum Management Frameworks <ul style="list-style-type: none"> <li>Comparison of Agile Frameworks: Scrum, Kanban, Lean</li> <li>Backlog Management and Agile Estimation Techniques</li> </ul> Complete MCQ	1-1	2
2	FC-F2F	IU 1: Fundamentals of Agile Project Management and Scrum IU 2: Agile & Scrum Management Frameworks Explain assignment 1 & 2	1-2	3
3	AS-F2F	Assignment 1: Distinguishing agile from waterfall – Compare Agile and Waterfall approaches and explain the benefits of Agile in dynamic environments.  Assignment 2: Introducing Scrum Roles to a New Team – Present and clarify the roles of Product Owner, Scrum Master, and Development Team to new Agile team members.	1-3	3
4	EL-Async	IU 3: Building and Managing Agile Teams <ul style="list-style-type: none"> <li>Stages of Agile Team Formation and Dynamics</li> <li>Effective Communication and Conflict Resolution in Agile Teams</li> </ul> IU 4: Agile Planning, Implementation, and Risk Management <ul style="list-style-type: none"> <li>Sprint Planning, Reviews, and Feedback Loops</li> <li>Risk Identification and Mitigation in Agile Projects</li> </ul> Complete MCQ	1-4	2
5	FC- F2F	IU 3: Building and Managing Agile Teams IU 4: Agile Planning, Implementation, and Risk Management Explain assignment 3 & 4	1-5	3
6	AS- F2F	Assignment 3: Facilitating Communication in Distributed Agile Teams – Propose tools and practices to enhance communication and collaboration in remote Agile teams.  Assignment 4: Managing Scope Changes During a Sprint – Demonstrate how to address new high-priority requirements mid-sprint while maintaining focus on the sprint goal.	2-6	3
7	EL-Async	IU 5: Advanced Scrum Practices and Agile Project Execution <ul style="list-style-type: none"> <li>Advanced Scrum Metrics (Velocity, Burndown, Burnup)</li> </ul>	2-7	2

		<ul style="list-style-type: none"> <li>Stakeholder Engagement and Agile Leadership Techniques</li> </ul> Complete MCQ		
8	FC-F2F	IU 5: Advanced Scrum Practices and Agile Project Execution Explain assignment 5	2-8	3
9	AS-F2F	Assignment 5: Building Trust and Collaboration in Agile Teams – Create strategies and actions to develop team trust, transparency, and cross-functional collaboration.	2-9	3
10	EL-Async	IU 6: Agile Continuous Improvement and Growth <ul style="list-style-type: none"> <li>Conducting Effective Retrospectives</li> <li>Creating a Culture of Learning and Continuous Improvement</li> </ul> Complete MCQ	2-10	3
11	FC-F2F	IU 6: Agile Continuous Improvement and Growth Explain assignment 6	3-11	3
12	AS-F2F	Assignment 6: Following Up on Retrospective Action Items – Implement a process to track, document, and measure the effectiveness of actions from sprint retrospectives.	3-12	3
13	PM-F2F	Project Task 1: Agile Framework Adoption Plan Scenario: You have joined a company transitioning from Waterfall to Agile. Some team members are unfamiliar with Agile practices. Task: Create a comprehensive Agile adoption plan that: <ul style="list-style-type: none"> <li>Compares Agile vs. Waterfall in a team briefing document.</li> <li>Introduces Scrum roles (Product Owner, Scrum Master, Development Team).</li> <li>Proposes steps for onboarding and training team members</li> </ul>	3-13	3
14	PI-Async	Completion of the task	3-14	3
15	PM-F2F	Project Task 2: Sprint Planning and Execution Simulation Scenario: Your Agile team is preparing for its first Sprint. Task: Facilitate a sprint planning simulation that includes: <ul style="list-style-type: none"> <li>Estimating tasks using Planning Poker.</li> <li>Prioritizing backlog items based on business goals.</li> <li>Drafting a sprint backlog with a clear MVP definition.</li> </ul>	3-15	3
16	PI-Async	Completion of the task	4-16	3
17	PM-F2F	Project Task 3: Continuous Improvement Strategy Scenario: Your team has completed several sprints and needs to improve collaboration and delivery. Task: Design a strategy to enhance continuous improvement by: <ul style="list-style-type: none"> <li>Creating a retrospective report with improvement areas.</li> <li>Outlining follow-up actions and methods to track them.</li> </ul>	4-17	3

		<ul style="list-style-type: none"> <li>Proposing tools for communication in a distributed Agile team.</li> </ul>		
18	PI-Async	Completion of the task	4-18	3
19	PM-F2F	Completion of the Project tasks and prepare project report	4-19	3
20	PI-Async	Complete project report	4-20	3
21	SA-Sync	Summative Assessment (Each learner)	5-21	30 min

EL-E-Learning

FC-Flipped Class

AS-Assignment

PM-Project Mentoring

PI-Project Implementation

SA-Summative Assessment

Sync- Synchronous Session &

Async- Asynchronous Session