COURSE TABLE OF CONTENTS

Scrum of PI Planning and Sprint Execution

OEM: Koenig Original • Duration: 4 Days (32 hrs)

COURSE MODULES & TOPICS

Module 1: Agile Foundations and Lean Thinking

- Evolution of delivery models: predictive vs. adaptive approaches
- Cynefin complexity framework overview
- Agile Manifesto and 12 principles
- Lean software development principles and seven wastes
- Empirical process control: transparency, inspection, adaptation

Module 2: Scrum Framework: Roles, Events, and Artifacts

- Scrum theory and values
- Scrum accountabilities: Product Owner, Scrum Master, Developers
- Scrum events and timeboxing
- Scrum artifacts and commitments
- End-to-end Scrum simulation: backlog refinement, planning, review

Module 3: Agile Requirements, Estimation, and Release Planning

- Product vision and roadmapping
- User stories and backlog refinement
- Relative estimation techniques: story points, Planning Poker, T-shirt sizing
- Agile forecasting and release planning

Module 4: Kanban Method and Flow-Based Delivery

- Kanban principles and general practices
- Visualizing workflow and board design
- Limiting work in progress (WIP) and bottleneck identification
- Flow metrics: lead time, cycle time, throughput, CFD
- Scrumban hybrid model: combining Scrum and Kanban

Module 5: Scaled Agile Frameworks and Enterprise Agility

- Challenges of scaling Agile: dependencies, synchronization, portfolio alignment
- Scaled Agile Framework (SAFe) overview and PI Planning
- Large-Scale Scrum (LeSS) and Scrum@Scale
- Enterprise Kanban and Flight Levels
- PI Planning and dependency mapping workshop

Module 6: Agile Metrics, Governance, and Organizational Transformation

- Outcome vs. output metrics and Evidence-Based Management
- Agile contracts, budgeting, and governance
- Leading organizational change and building Communities of Practice

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