

Agile Project Management Professional (16-Week Program)

Course Syllabus

Course Title: Agile Project Management Professional

Course Code: APM401

Duration: 16 Weeks (320 contact hours)

Format: Hybrid with Certification

Instructor: Certified Scrum Trainer with 15+ years experience

Prerequisites: Basic project understanding, team collaboration experience

Week 1-2: Traditional Project Management

- Topics: Waterfall methodology, project planning, risk management
- Learning Objectives: Understand traditional PM approaches
- Certification: PMP fundamentals
- Assignment: Project charter development
- Assessment: PMP practice exam (200 points)

Week 3-4: Agile Foundations

- Topics: Agile manifesto, Scrum framework, Kanban
- Learning Objectives: Master agile principles and practices
- Certification: Scrum Master fundamentals
- Assignment: Scrum implementation plan
- Assessment: Scrum mastery exam (200 points)

Week 5-6: Technical Team Leadership

- Topics: DevOps integration, CI/CD, technical team management
- Learning Objectives: Lead technical teams effectively
- Certification: DevOps fundamentals
- Assignment: CI/CD pipeline setup
- Assessment: Technical leadership case study (250 points)

Week 7-8: Scaling Agile

- Topics: SAFe framework, LeSS, enterprise transformation
- Learning Objectives: Implement agile at scale
- Certification: SAFe Agilist preparation
- Assignment: Enterprise agile transformation plan
- Assessment: Scaling strategy presentation (250 points)

Week 9-10: Tool Mastery & Automation

- Topics: Jira administration, workflow automation, reporting
- Learning Objectives: Master project management tools
- Certification: Tool-specific certifications
- Assignment: Automated workflow design
- Assessment: Tool implementation project (300 points)

Week 11-13: Capstone Project

- Topics: Real project simulation, team leadership, stakeholder management
- Learning Objectives: Lead complete project lifecycle
- Assignment: End-to-end project management
- Assessment: Capstone project (500 points)

Week 14-16: Internship & Certification

- Topics: Real company experience, certification preparation
- Learning Objectives: Apply skills in professional setting
- Certification: Final certification exams
- Assignment: Internship project
- Assessment: Professional performance (400 points)

Grading Policy:

- Attendance : 40%
- Capstone Project: 30%
- Internship Performance: 20%
- Participation: 10%
- Total: 100%