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Technology: PMI

Difficulty: Intermediate

Course Duration: 4 Days

# **PMI Scheduling Professional (PMI-SP)**



#### **About Course:**

Develop the expertise to manage project schedules better. The PMI-SP course trains professionals to create effective schedules, monitor them to optimize cost, and plan and manage communication with stakeholders. The course prepares professionals for Project Scheduling Professional certification.

### **Course Objectives:**

- Learning the concepts of scheduling domains
- Utilize all tools and techniques to more effectively manage projects
- Learn to develop and monitor a schedule with and without the need for software assistance
- Employ the various scheduling methods, tools and techniques, in addition to data from the various formats of schedule models
- Plan and structure project communications in an organized and efficient way

#### Audience:

- Project Manager
- Assistant Project Manager

## **Prerequisites:**

 Four-year degree, 3,500 hours project scheduling experience, 30 hours project scheduling education

#### **Course Outline:**

- Introduction to the PMI Scheduling Professional® course
- · Course Agenda
- Overview Schedule Strategy
- Plan Schedule Management
- Schedule Data Management
- Schedule Model Management Plan
- · Critical Path Method
- Float
- · Critical Chain Method
- Agile Release Planning
- On-Demand Scheduling
- Overview Schedule Planning and Development
- · Define Activities

- Sequence Activities
- Estimate Activity Durations
- Risk Analysis Using Statistical Models
- Develop Schedule
- Schedule Model Creation
- Overview Schedule Monitoring and Controlling
- Schedule Model Maintenance
- · Schedule Model Analysis and Control Schedule
- Earned Value Analysis
- Earned Schedule Management
- Schedule Compression
- Crashing Costs
- Drag Costs
- Fast Tracking Costs
- Overview Schedule Closeout
- Archiving Records