



PMI-SP COURSE BLUEPRINT:

Objectives and Skills Expected:

- Identifying successful scheduling techniques.
- Analyzing the scheduling approach
- Constructing the project network diagram
- Developing a robust schedule estimate
- Establishing procedures for maintaining and updating the project schedule
- Updating and maintaining the plan
- Performing schedule-based Earned Value Analysis (EVA)
- Defining the frequency and detail for measuring performance
- Identifying alternative project delivery approaches and creating parallel schedules in order to determine the feasibility of proposed changes
- Distinguishing between fast-tracking the project and crashing the critical path
- Identifying reporting needs and interfacing project information with organizational reporting needs
- Generating and establishing project reports

Schedule Domains:

Schedule Mission Management:

Participant is required to have a good know-how to do successful scheduling of project, analyze scheduling approach and deliver a project. Must be able to:

- Configure the requirements for the project
- Perform proper scheduling of the projects
- Analyze the approach required for scheduling
- Deliver a good quality project

Schedule Creation:

Participant is required to have a good know-how of Schedule creation projects. Must be able to:

- Build the project Network Diagram
- Develop Robust schedule estimate
- Integrate the schedule and true path
- Develop schedules that make sense.

Schedule Maintenance:

The development and maintenance of the project schedule is the responsibility of a full time scheduler or team of schedulers, depending on the size of the project. They help to maintain the scheduling process by establishing communication requirements, collecting the status of activities, incorporating and documenting schedule changes, maintaining resource pool up to date, updating project schedule based on cost, updating the schedule activities regularly and updating the risk register. Participant must be able to:

- Establish procedures for maintaining and updating the project schedule
- Evaluate the schedule against the schedule conformance index.
- Define the frequency and format of activity status report
- Update and maintain the plan
- Collect activity status from activity owners
- Record actual durations

Schedule Analysis:

Schedule analysis is integral, a basic knowledge of schedule analysis is required. Must be aware of various schedule analysis techniques used while developing project:

- Perform schedule based Earned Value Analysis (EVA)
- Define the frequency and detail for measuring performance
- Determine the variance between planned and actual value
- Calculate schedule efficiency
- Forecast the impact to critical path and project duration.
- Identify alternative project delivery approaches and creating parallel schedules in order to determine the feasibility of proposed changes
- Distinguish between Fast tracking the project and crashing the critical path

Schedule Communication/Reports:

Participant is required to have a good know-how to communicate the schedules and reports. Must be able to:

- Identify reporting needs interfacing project information with organizations reporting needs
- Align project monitoring to project planning
- Generate and establish project reports
- Report project status using EVA, milestones and critical path

CLAIM CATEGORIES	PROGRAM MODULE	PDU's EARNED
Technical	<ul style="list-style-type: none"> ▪ Schedule Maintenance ▪ Schedule Analysis 	11
Leadership	<ul style="list-style-type: none"> ▪ Schedule Creation ▪ Schedule Communication/Reports 	10
Strategic	<ul style="list-style-type: none"> ▪ Schedule Mission Management 	6
TOTAL PDU's EARNED:		27