Project Scheduling - 2 Day

PDUs - 14

PMI's Certification Breakdown
PMP - 14.00
PMI-SP - 14.00

PMI's Talent Triangle Breakdown
Ways of Working - 14.00

face-to-face

virtual instructor-led

Course Description: *Project Scheduling* is a two-day course which will review the basic concepts of the project management process with the emphasis content being on the planning and scheduling process. Participants will explore the Schedule Development Process as diagrammed by Project Management Institute. Areas include creating a WBS, defining activities, creating a network diagram, estimating activity durations and resources, developing the schedule, and creating a baseline. This course will follow one or more of Project Management Institute's knowledge areas of the *PMBOK® Guide*.

Method of teaching: Students will use discussion, cases, and group activities to facilitate the course.

Course Objectives:

Objective 1: Review the basic management process
- Construct the project planning and scheduling process
- Discuss reasons for not planning and scheduling
- Construct and detail the schedule development process

Objective 2: Define scheduling methods
- Define scheduling tools
- Define schedule model
- Examine the Work Breakdown Structure (WBS)
- Define and detail activity definition
- Discuss tools and techniques for activity definition
- Define and detail activity sequencing and creating the network diagram
- Compare precedence diagramming and arrow diagramming

Objective 3: Define and detail estimating
- Examine estimating tools and models
- Define and detail developing the schedule
- Discuss critical path, PERT, and GERT

Objective 4: Discuss duration compression - crashing and fast tracking
- Discuss simulation tools for schedule development
- Discuss resource leveling
- Discuss critical chain
- Define the baseline schedule
- Define and detail schedule control