

Project Management: Essentials

1 day

Description

This ILT Series course teaches the fundamentals of project management. Students learn how to identify project participants, goals, objectives, activities, and constraints. Course activities also cover activity dependencies, activity analysis, project schedules and budgets, network diagrams, Gantt charts, CPM scheduling, and activity duration compression. Students will also learn how to optimize project activities, estimate costs, control project changes, measure project performance, use project performance reports, accommodate change, control the project schedule and budget, and close a project.

Prerequisites

- *None*

Course Outline

Unit 1: Define the project

Topic A: Project participants

Topic B: Project objectives and planning

Unit 2: Activities and dependencies

Topic A: Project activities

Topic B: Sequence activities

Topic C: Analyze activities

Topic D: Estimate activities

Topic E: Sequence dependencies

Unit 3: Project scheduling

Topic A: Develop the project schedule

Topic B: Techniques for schedule development

Topic C: The CPM and PERT

Unit 4: Project change control

Topic A: Define project change control

Unit 5: Financial issues

Topic A: Estimate costs

Unit 6: Project performance

Topic A: Measure project performance

Topic B: Report project performance