



المركز العالمي للتدريب والتطوير
International Centre For Training & Development



Project Planning Scheduling and Cost Control



ACTVET
Abu Dhabi Centre for
Technical and Vocational
Education and Training
مركز أبوظبي
للتعليم والتدريب
التقني والمهني

GInI GLOBAL
INNOVATION
INSTITUTE
Authorized Innovation Provider*

PMI Project
Management
Institute
Registered
Education
Provider



International Association
for Health and Occupational Safety
and the Environment

EFQM
Member



Course Introduction:

This course adds to your fundamental knowledge of project management by teaching you the details of the major contemporary tools and techniques that are used in planning, monitoring, and controlling projects. The appropriate technologies are used to give the participant a “best practices” approach to the effective and efficient management of project.

Course Objectives:

At the end of the course participants will be able to:

- Overview project management context
- Comprehend planning development
- Understand planning product
- Practice schedule development
- Master schedule maintenance and controlling
- Learn about essential and advanced skills and knowledge relevant to the PSP

Who Should Attend?

This course is designed for experienced project managers, engineers, planners, planning and scheduling specialists who desire to increase their skills and knowledge and apply a standards-based approach to planning and scheduling.

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Course Outline:

Lesson 1: Introduction and PSP Exam overview

- Learn about the PSP exam
- Overview the project management context
- Project Definitions and Characteristics
- Project Success requirements
- Project Stakeholders
- Project lifecycle
- Organization influence on project management
- General project management body of knowledge

Lesson 2: The Planning

- Planning Development
- Planning Input and Data
- Planning Considerations and Constraints
- Planning Product
- Planning Output and Deliverables

Lesson 3: The Scheduling

- Schedule Development
- Input and Data
- Creating Schedule
- Schedule Maintenance and Controlling
- Maintain Schedule
- Output and Deliverables

Lesson 4: Essential Skills and Knowledge

- Initiating a Project
- Project start-up details
- Decompose the Project Scope
- Work Breakdown Structure (WBS)
- Assign Responsibility
- Organizational Breakdown Structure (OBS)
- Control Accounts
- Scheduling the Work
- Defining Activities
- Milestones and key activities
- Sequencing Activities
- Resource Requirements
- Duration Estimating
- Scheduling & Schedule Compression
- Develop Time-Phased Budget
- Cost Breakdown Structure (CBS)
- S-Curve
- Identifying Communication Needs
- Performance Metrics
- Risk Identification
- Risk Assessment,

- Risk Response Plan
- Set the Performance Baseline Plan

Lesson 5: Advanced Skills and Knowledge

- Stakeholder Management
- Estimating Techniques
- CPM Techniques
- Earned Value Management
- Delay Analysis and Forecasting
- Risk Management
- Value Engineering
- Constructability
- Configuration management
- Change Management

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work
- Discussion
- Presentation

Course Fees:

To be advised as per the course location. This rate includes participant's manual, and-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session

