



المركز العالمي للتدريب والتطوير
International Centre For Training & Development



PMP106

Project Management in Oil and Gas Fields



IAS
ACCREDITED
Technical and Vocational
Education and Training

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



INTERNATIONAL ASSOCIATION FOR
HEALTH AND OCCUPATIONAL
SAFETY AND THE ENVIRONMENT



Project Management Institute
Registered Education Provider

EFQM
Member



Course Introduction:

This intensive five-day course will be about the application of Project Management techniques and knowledge for the effective estimating, planning, managing, and control of a project. This course will extend to the identification, assessment, and control of qualitative risks in the project-based enterprise. Uncertainty will be inherent in all projects and particularly in the aspects of technical, financial, schedule, legal, and quality (the latter includes safety, health, environment, and facility integrity) of performance. In addition, this course will explore quantitative risk analysis using the basics of probability.

The course will be delivered in a workshop style using a combination of review lectures and case studies focused on supporting the development of estimates, plans, and risk analysis of the case study project.

Course Objectives:

- How to properly define a project's scope
- Use project management tools to create a project schedule to meet goals, deliverables, and resource constraints
- Use practical tools to identify and manage a project's risks
- Manage a project team
- Organize your project to capture lessons learned

Who Should Attend?

- Professionals in various disciplines and non-technical support staff.

Course Outline:

Day 1 - Life Cycle and Estimating

- ✓ Overview of case study and options
- ✓ Overview of the capital value process and PMI process
- ✓ Financial appraisal review
- ✓ Appraisal of case study
- ✓ Scope management review
- ✓ WBS tools overview
- ✓ Estimating review and accuracy


The learning objectives of day one will be for participants to understand the application of the Capital Value Process in relation to a case study project. Then, for the participants to use the case study project and apply the other elements of project management, such as the financial appraisal of selected options, definition of the scope, and creation of the initial estimate.

Day 2 - Integrating Planning and Estimating

- ✓ Review network planning and scheduling
- ✓ Introduction to the Microsoft Project
- ✓ Review resource management
- ✓ Integrated baseline reviews

By the end of day two participants should be capable of applying network planning techniques to the case study project. Initially this will involve manual methods, but will then move on to the application of Microsoft Project and the addition of resources using the software to resolve any resource issues at the planning stage. Also, participants will develop an understanding of the use of Integrated Baseline Reviews.

Day 3 - Risk Analysis

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- ✓ Review qualitative risk
 - ✓ Qualitative contingency
 - ✓ Review risk monitoring
 - ✓ Introduction to quantitative risk analysis
 - ✓ Overview of @Risk™ for Excel

On day three participants will review qualitative risk analysis and apply the whole qualitative cycle to the case study project. They will also review the risk monitoring aspects and the key issues that will need to be addressed during the execution phase of the project. Learning objectives will also include moving into the quantitative aspect of risk and using software to quantitatively assess the budget risks for the case study.

Day 4 - Risk Analysis and Controls

- ✓ Overview of @Risk™ for project
- ✓ Overview of project controls
- ✓ Cash flow and cost control

The learning objectives of day four will be for participants to understand and apply quantitative risk assessments to the schedule of a project using suitable software tools. Other learning objectives will include the understanding of key techniques for monitoring and controlling both the schedule

and budget during the execution phase of the project, as well as understanding the need to effectively manage cash flow.

Day 5 - Project Reviews

- ✓ Review stakeholder analysis
- ✓ Principles of project reviews
- ✓ Case study presentations

By the end of day five participants should be able to effectively carry out a review of a project and then present the results of those reviews to senior 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 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

