

PROJECT PLANNING, SCHEDULING, ESTIMATING AND COST CONTROL TRAINING



PCM187

**Project &
Construction
Management**

COURSE TITLE**PROJECT PLANNING, SCHEDULING, ESTIMATING AND COST CONTROL TRAINING****COURSE DATE/VENUE**

09 – 13 August 2020

Dubai, UAE

COURSE REFERENCE

PCM187

COURSE DURATION

05 Days

DISCIPLINE

Project & Construction Management

COURSE INTRODUCTION

The practice of project management is now widely applied in business, industry, and all levels of government to meet organizational goals, increase productivity and optimize resource utilization. Supervisors, middle managers and executives in mature organizations are now actively involved in program and project management.

In recognition of this significant business trend and the highly specialized conceptual and managerial skills it demands for success, this intensive course is designed to provide professionals involved in project management with a powerful background and experience. Course content integrates the latest in academic and research findings, state of the art practices and technologies, along with valuable practical lessons and insights.

Participants will learn in an open and participative environment advanced techniques applicable to each stage of the project life cycle including initiation, planning, execution,

and control. They will apply the tools and techniques presented to case studies that simulate real projects.

COURSE OBJECTIVE

Providing the participants with advanced knowledge and skills necessary to:

1. Recognize and manage the phases of project life cycle
2. Analyze the project content
3. Accurately estimate activity durations and costs and develop activity schedules
4. Manage project resources
5. Manage project risk
6. Develop and manage the project team
7. Communicate effectively with project stakeholders assure quality in project deliverables

COURSE AUDIENCE

All professionals involved in project management and need to update their knowledge of project management best practices. The program is beneficial for project management staff from all industries and all disciplines including Engineering, Research and Development, IT, Construction, Maintenance and Overhauls, and all long-term service projects.

COURSE CONTENT

- I. How to evaluate project feasibility to build a winning project business case.
- II. Discounted cash flow calculations to estimate the value of the project.
- III. Scoring models to quantify project intangibles.
- IV. Risk assessment tools.
- V. Network diagram and critical path method to estimate project schedule.
- VI. How to overcome the real world obstacles and compress project schedules.
- VII. How to estimate the probability of completing a project within a specified time period and budget, and, conversely, the time/budget needed to complete a project for a specified probability.
- VIII. Earned Value Management technique to track, control, and manage costs.

IX. Effective techniques to adjust current plans by forecasting future resource and budget needs based on to-date project performance.

X. Management tools that help project manager analyze and quantify cost and schedule variances for appropriate corrective action.

XI. How to apply the quality assurance techniques in project management.

XII. CASE STUDY

XIII. Last Day Review & Discussions will be carried out

COURSE CERTIFICATE

TRAINIT ACADEMY will award an internationally recognized certificate(s) for each delegate on completion of training.

COURSE FEES

\$4,150 per Delegate. This rate includes participant's manual, Hand-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

COURSE METHODOLOGY

The training course will be highly participatory and the course leader will present, guide and facilitate learning, using a range of methods including formal presentation, discussions, sector-specific case studies and exercises. Above all, the course leader will make extensive use of real-life case examples in which he has been personally involved. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Case studies & Practical Exercises
- 10% Role Play
- 10% Videos, Software or Simulators (as applicable) & General Discussions