

# FUNDAMENTAL OF PROJECT MANAGEMENT & PRIMAVERA P6

3 Days | Kuala Lumpur

**EXCELLENT TRAINING  
AND GREAT  
EXPLANATION GIVEN  
BY THE INSTRUCTOR**

PROJECT ENGINEER,  
RANHILL WORLEY SDN BHD

## Program Overview

Fewer than a third of all projects were successfully completed on time and on budget over the past year according to Standish Group. An astounding 97% of organizations believe project management is critical to business performance and organizational success reported by PricewaterhouseCoopers.

An excellent project management is important for many companies to ensure the project can be delivered effectively, safely and economically. Without strong foundation of understanding towards project management, this will open up to higher exposure towards unfavorable risks in the projects which can cause major losses, incidents and inefficiency.

This course is aimed for industry professionals to empower the understanding of fundamental of project management, focusing on planning & scheduling and also to provide the hands-on training on the proven and widely used project management software, Primavera P6. Participants are given the flexibility to choose to attend individual course or strengthen their overall skills and knowledge in project management through both courses.

## Course Offering

- ▶ Fundamentals of Project Management: Planning & Scheduling (1 Day)
- ▶ Project & Planning Control Using Primavera P6 (2 Days)

## Who Should Attend?

- ▶ Project Manager
- ▶ Planning Engineers
- ▶ Project Controllers
- ▶ Schedulers
- ▶ Functional Implementers
- ▶ Project Analysts
- ▶ Project Team Members

## Course Methodology

- ▶ Interactive Lecture
- ▶ Group Dynamics
- ▶ Case Studies

## Trusted & Participated By



## FUNDAMENTALS OF PROJECT MANAGEMENT: PLANNING & SCHEDULING (1 DAY)

### Course Objective

- Understanding the importance of planning, resources, budget , scheduling to improve the project performance.
- To ensure the participant understand the main elements to develop working schedule
- To familiarize the planning tools software, determine the duration of the activities (Duration= Quantity/Productivity), fast tracking, cost estimation and CPM method.
- To ensure the participant understand the financial and physical S-Curve
- Participant can identify the systematic method in planning, executing, monitoring and controlling.
- To create the participant that can be able to develop, review and elaborate the work programme.

### Course Outline

- Definition of Project Management
- Project Control Principles
  - Planning
  - Scheduling
- Critical Path Method
  - Definition of CPM
  - Benefit of CPM
  - The CPM Approach
- S-Curve
- Planning Tools



## PROJECT & PLANNING CONTROL USING PRIMAVERA P6 (2 DAYS)

### Overview

ORACLE Primavera P6 is the recognized standard for high performance project management software designed to handle large scale, highly sophisticated and multifaceted projects.

This course is aimed at industry professionals on how to use Primavera P6 to a fundamental level. This course will provide hands-on training for Primavera P6 software. Participants will gain understanding in concepts of project planning, scheduling and controlling.

### Benefits

The delegates will benefit from the knowledge and understanding of:

- Data structure and learn how to create a work breakdown structure.
- Scheduling a project.
- Optimizing the project plan.

### What will you learn?

- Add a Project to the Enterprise Project Structure
- Create a Work Breakdown Structure
- Add Activities
- Add Steps and Codes to Activities
- Create Relationships
- Schedule a Project
- Add Constraints
- Organize Activities
- Assign Resources and Costs
- Analyze Resource/Cost Usage
- Status the Project
- Analyze the Updated Project

### Learning Outcome

- Create a project.
- Add activities.
- Schedule a project.
- Assign resources.
- Adjust project schedule.
- Create reports.

### Course Outline

- Primavera P6 Overall Architecture
- Interface and Navigation
- Creating Organization Breakdown Structure (OBS)
- Creating Enterprise Project Structure (EPS)
- Creating new Project
- Add Project Notebook, Budget Log, Spending Plan, Project Code, Funder
- Creating Calendar (Global, Project and Resources)
- Add Work Breakdown Structure (WBS)
- Add Activities
- Add Activities Relationships and other Constraints
- Critical Path Method (CPM) Scheduling
- User Define Field, Group, Sort and Filter
- Create custom Layouts
- Activities Network
- Creating and Assigning Roles and Resources
- Analysis and Optimization
- Global Change
- Project Constraint (Must Finish By)
- Create and Assign Baseline
- Updating
- Generating Performance Reports
- Earn Value
- Claim Digger



### RIZAL BIN MOHAMED

Rizal has more than 12 years of working experience in Project Management in various industries including EPCC, Energy, Petrochemical and Oil & Gas industry. He is a certified Master Project Manager (MPM) and Certified Planning Engineer (CPE) by American Academy Project Management.

Several key projects he was responsible for are:

- Engineering & Construction Management for REPLA – Lubricant Oil Blending Plant at Argentina,
- Synthomer MST 1.0bd Storage Terminal Upgrade Engineering & Construction Management – Johor Port Pasir Gudang, Johor
- APS & PF-2 Improvement Project- Petron, Port Dickson
- MLNG Condensate Polisher – MLNG Bintulu, Sarawak
- MLNG Boiler Rejuvenation – MLNG Bintulu, Sarawak
- 132KV Main Intake Sub Station (GPPA) – Petronas Gas Berhad, Ketih, Terengganu
- Power Station Plant – Siemen, Perai, Penang
- Propylene Oxide Plant Project – RAPID Pengerang, Johor

A highly experienced professional practitioner of Primavera P6 software himself, he is passionate in delivering structured trainings and consultancy since 2016.

### COMMENT AND REVIEW

“Mr Rizal shows he is really experienced and good knowledge sharing.”

*Scheduler Maintenance, PTTEP Sarawak Oil Limited*

“Overall is excellent. Trainer give exciting knowledge and two way sharing moment is interesting. Food is superb and overall surrounding is 5 stars. ”

*Project Controller, Ranhill Worley Sdn Bhd*