

Primavera P6 Enterprise Project Portfolio Management Professional

Target Audience

This course is designed for professionals involved in project planning, scheduling, and project controls who want to develop expertise in Oracle Primavera P6 Enterprise Project Portfolio Management (EPPM) and prepare for the Oracle 1Z0-1129 certification exam..

Course Objective

By the end of this course, participants will be able to:

- Understand Oracle Primavera P6 EPPM concepts and features.
- Create and manage enterprise projects using EPS and WBS.
- Develop, schedule, and update project plans using CPM.
- Assign resources, costs, and baselines to projects.
- Monitor project performance through reports and dashboards.
- Prepare for the Oracle Primavera P6 EPPM Professional (1Z0-1129) certification exam

Course Outcome

Upon successful completion, participants will be able to:

- Configure and manage projects in Primavera P6 EPPM.
- Build and maintain professional project schedules.
- Perform resource, cost, and baseline management.
- Track project progress and analyze schedule performance.
- Generate reports and dashboards for project stakeholders.

- Demonstrate the knowledge required to pass the Oracle 1Z0-1129 certification exam.

Course Outline:

- The course consists of **40 hours** (Theory + Hands-on Labs) and is divided into 14 chapters. Each chapter includes practical exercises and real-world scenarios.

Chapter 1: Introduction to Primavera P6 EPPM

- Overview of Oracle Primavera P6
- P6 Professional vs. P6 EPPM (Web)
- Enterprise Project Management concepts
- User Interface and Navigation
- Dashboards and Portlets
- User Preferences
- Activity Views and Layouts

Chapter 2: Enterprise Project Structure (EPS) & Organizational Breakdown Structure (OBS)

- Understanding EPS
- Creating and Managing EPS
- OBS Structure
- User Access and Security
- Responsible Managers
- Project Ownership

Chapter 3: Creating and Configuring Projects

- Creating New Projects
- Project IDs and Naming Standards
- Project Dates
- Must Finish By Date
- Project Defaults
- Project Settings
- Importing and Exporting Projects

Chapter 4: Calendars

- Global Calendars
- Project Calendars
- Resource Calendars
- Working Time Configuration
- Holidays and Exceptions
- Calendar Assignments
- Multiple Calendar Usage

Chapter 5: Work Breakdown Structure (WBS)

- WBS Concepts
- Creating WBS Elements
- Parent–Child Relationships
- WBS Codes
- WBS Dictionary
- WBS Details

Chapter 6: Activities Management

- Creating Activities
- Activity Types
 - Task Dependent
 - Resource Dependent
 - Level of Effort
 - Start Milestone
 - Finish Milestone
 - WBS Summary
- Activity Details
- Notebook Topics
- Steps
- Activity Codes
- User Defined Fields

Chapter 7: Relationships and Scheduling Logic

- Predecessors and Successors
- Relationship Types
 - Finish-to-Start (FS)
 - Start-to-Start (SS)
 - Finish-to-Finish (FF)
 - Start-to-Finish (SF)
- Leads and Lags
- External Relationships
- Open Ends
- Scheduling Best Practices

Chapter 8: Scheduling

- Critical Path Method (CPM)
- Running the Schedule
- Forward Pass
- Backward Pass
- Float
- Critical Activities
- Longest Path
- Multiple Float Paths
- Schedule Options
- Schedule Check Report

Chapter 9: Constraints

- Constraint Types
 - Start On
 - Finish On
 - Start On or After
 - Finish On or Before
 - Mandatory Start
 - Mandatory Finish

- Constraint Impact
 - Best Practices

Chapter 10: Resources and Roles

- Resource Dictionary
- Labor Resources
- Non-Labor Resources
- Material Resources
- Roles
- Resource Assignment
- Resource Teams
- Resource Requests
- Resource Calendars

Chapter 11: Cost Management

- Resource Rates
- Expense Categories
- Expenses
- Cost Accounts
- Budgeted Cost
- Actual Cost
- Remaining Cost
- Earned Value Basics

Chapter 12: Baselines

- Creating Baselines
- Primary Baseline
- Secondary Baseline
- Tertiary Baseline
- Baseline Comparison
- Variance Analysis

Chapter 13: Layouts, Filters & Grouping

- Creating Layouts
- Saving Layouts

- Filters
- Global Filters
- Group and Sort
- Columns
- Bar Styles
- Gantt Chart Customization

Chapter 14: Reports and Dashboards

- Dashboards
- Portlets
- Project Reports
- Activity Reports
- Resource Reports
- Portfolio Dashboards
- Custom Reports