

# PRIMAVERA

*Portfolio  
Management  
Solution*

**CREDO SYSTEMZ**

## **Primavera Course Curriculum**

Primavera is an effective portfolio management tool to plan, manage, execute projects of any size and complexity from diverse industries. Oracle Primavera project portfolio management tool is easy to use, risk reducing and highly used in enterprise and construction industry.



# Who We Are

Credo Systemz boasted as the Best IT Training institute in Chennai, aim in educating the workforce to the IT industry. Along with a team of highly experienced and qualified trainers, we offer state of the art training with excellent infrastructure to keep you above par for the emerging IT skill trends.

With individual attention to our Customers, unique mentorship from trainers with hands-on project training, career & placement guidance, we have 15000+ happy customers who have distinguished us from our competitors, with their satisfied reviews.

# Why Choose US

Be it an individual or a corporate collaboration, our dedicated team will serve and assist you for your needs to enhance the effectiveness of training with utmost commitment to your professional development. Also, with comprehensive course duration & Flexible schedule & training pattern, allowing candidates to choose between week day \ week end sessions, or online learning sessions or for our corporate friends to conduct the training in their office premises, we are committed to deliver as per the need of our customer.



## Real Time Projects

Advanced Primavera concepts can be learned with 5+ live projects based on the selected use cases.



## Hands-on Assignments

Practical exercises in all the theory classes to strength the knowledge with a minimum of 60-65 hours.



## Expert Faculty

Primavera expert faculty designed the course curriculum and handles the training to gain the professional experience.



## Lifetime Support & Access

Get clear ideas with clarification with the help of Technical Forum using 24x7 online support team and Lifetime access to our LMS with career guidance.



## Assured Placement

To find the right position, Our Placement Team works with HR's professional to provide job support.



## Certification

To become the Primavera Certified Professional at Credo Systemz, complete training with the final project.



*I strongly recommend Credo Systemz for learning Primavera, based on my training experience which helps me to develop knowledge, and skillset with hands-on training. My trainer explains every concept in detail using many examples to meet the industrial standard, I successfully cleared the primavera portfolio management essentials exam and am working as a Project management expert. Thanks to my trainer and Credo Systemz.*

**- Zechariah Varughese**  
*Project Planning Manager*

# 01 Introduction

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## Topics

- Introduction about Projects
- Introduction to Primavera
- Skills required for Planning
- Introduction to Project Management
- History of Planning
- Project Phases & Life Cycle

# 02 Primavera P6 Architecture

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## Topics

- Primavera P6 PPM vs EPPM vs Cloud
- Primavera Architecture in detail
- Database options in P6

# 03 Portfolio Program & Project Structure Creation

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## Topics

- Setting up Enterprise Project Structure (EPS)
- User control & Limited Access Provisions
- Defining Project Status
- Setting up Organizational Breakdown Structure (OBS)
- Setting User Preferences
- Setting up Project Dates
- User Administration
- Creating a Project
- Setting up Project Codes
- Project Parameters

## Hands-on Practicals:

- Creating Portfolio, Program and Project assigning responsible managers
- Understanding the project information and details in depth
- Primary settings to be done in P6 tool in User Preference and Admin Preferences





# 04 Project Code and Calendars

## Topics

- Project Codes
- Calendar
- Global Calendar
- Project Calendar
- Resource Calendar

## Hands-on Practicals:

- Creating Project Codes and performing it grouping option
- Creating all three types of Calendar – Work Week, Exception and Holiday setup

# 05 Project Time Management, Section 5.1: WBS & Activities

## Topics

- Creating Work Breakdown Structure (WBS)
- Defining Work Package & Creating Project Activities
- Activity Codes
- Activity Types
- Duration Types
- Percentage Completion Types
- Activity Resource units loading
- Applying activities relationships (Logical connection)
- Relationship Types
- Creating Activity Steps
- Feeding Activity information to Execution Team
- Activity Summary
- Notebooks

## Hands-on Practicals:

- Creating WBS, Work Package and activities – Understanding activity details
- Practicing on creating all types of activities
- Establishing relationship between activities – Four types
- Understanding duration types in activities and activity steps

## 5.2 Scheduling & Constraints

### Topics

- Scheduling Types
- Retained Logic
- Progress Override
- Actual Dates
- Scheduling Option
- Scheduling Logs
- Applying Constraint
- Types of Constraints

### Hands-on Practicals:

- Exercise for all scheduling types during out of sequence
- Applying different constraints in activities & understanding its behaviour

## 06 Project Resource management

### Topics

- Types of Resources
- Units of Measures
- Creating Resource
- Default & Maximum units per time
- Resource Price revisions
- Resource Shift Creation
- Assigning the resource to activities
- Resource Codes
- Creating Roles
- Assigning roles to resources
- Assigning roles to activities
- Resource Loading
- Resource Curves
- Bucket Loading
- Project Resources Levelling and it types

### Hands-on Practicals:

- Creating all three type of resources – Setting up appropriate units and maximum units
- Assigning roles to user
- Mapping or loading resources to project activities
- Applying resource curves based on working pattern expected
- Apply all types of resource levelling to avoid over allocation





# 07

## Project Cost Management



### Topics

- Project Funding Sources
- Activity Costing
- Expenses
- Estimating Budgeted and Actual cost for Activities
- Establishing budgets for Work Packages
- Estimating Project Budgets
- Preparing Project Cash Flow
- Cost Comparison Analysis
- Cost Monitoring & Revisions
- Project Budget revisions



### Hands-on Practicals:

- Creating Funding source and Cost accounts
- Working with Budget log, spending plan and summary
- Comparison of budgeted cost and actual cost of all activities during execution
- Monitoring and revising cost after the comparison

# 08

## Project Risk Management



### Topics

- Identifying Project Risk
- Categorizing Risk
- Risk Status
- Analysing Pre-Risk Impact
- Setting Risk control plan
- Post Risk Impact Analysis
- Finding Risk Cost
- Cause and Effect Analysis



### Hands-on Practicals:

- Creating Risk – Categorize it, Updating Pre-risk, Control plan and Post Risk Impact
- Mapping the risk to corresponding expected WBS or Activities



# 09 Project Monitoring & Control

## Topics

- Setting up & Assigning Baselines
- Apply Actuals
- Progress Update
- Look Ahead Schedule
- Delay Impact Analysis
- Earned Value Analysis
- S-Curve Analysis
- Usage of Project Thresholds
- Project Issue Register
- Working in Project Issues
- Project Tracking

## Hands-on Practicals:

- Baseline Creation & Assigning Baseline to the project – Comparison of baseline vs Actual
- Updating Project Progress – Manual, Update Progress and Apply Actuals
- Monitoring using Earned Value Graph and Tables – Percentage completion
- Setting Threshold through different parameter and triggering issues automatically
- Exercise for all four tracking layout views available in P6

# 10 Schedule Comparison

## Topics

- Importance of Schedule Comparison
- Visualizer Tool
- Comparing different version of projects
- Comparing different version of baselines
- Comparison general and advanced options in P6

## Hands-on Practicals:

- Creating new comparison
- Creating new comparison
- report version using existing version and opening the existing application version
- Analyzing the comparison report



# 11 Reflections

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## Topics

- Copying Project and Reflections
- Difference between Project Copying and reflection
- Merging the changes to Source Project

## Hands-on Practicals:

- Create reflection of existing project and make changes in the copy
- Merging the changed version to the source

# 12 Reporting

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## Topics

- Default Reports
- Global Reports
- Project reports
- Creating Report groups
- Creating Reports using Report Editor
- Creating Reports using Report Wizard
- Template Reporting
- Modifying existing reports
- Batch Reports – Creating and Running Batch Reports
- Procurement Report
- Project Progress Report
- Schedule Comparison Report
- Weekly Report
- Project Cost Report
- Project Closing Report
- Client Report

## Hands-on Practicals:

- Creating reports using both Report editor and Wizard
- Utilizing the default reports
- Customizing any type of report
- Creating and executing batch reports
- Generating reports in different file formats





# 13 Other Features

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## Topics

- Managing Multiple Projects
- Project Work Products & Documents
- Creating Layouts and Maintaining layouts
- User Defined Fields
- Global Change
- Store Period Performances
- Recalculate Assignment Cost
- Import & Export the project data

## Hands-on Practicals:

- Global change usage in Calendar, Activity codes and Status indicators.
- Creating and saving Layouts for Cost, Baseline, Earned Value etc
- Import and Export for single and multiple projects

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# 14 Projects

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## Topics

- Commercial Building Planning loaded with 50+ Activities
- Residential Building - Apartment Type
- Power Plant Construction
- Maintenance of Oil & Gas Plant
- Residential Building - Villa Type
- Bridge Construction



# Real Time Projects For - Case Studies



## Residential Apartment Construction Planning

During the P6 training, Residential Apartment 3 story construction project planning will be done the candidates with 9 to 10 WBS by creating the 50 + activities with relationships. Resources, Units and duration for each activity are clearly given the requirement document or project charter. Max duration / time, Resource Levelling, baseline, updating schedule and monitoring using Earned value to be done. All the training exercises can be practiced or applied and different schedule and cost reports will be generated for this project.



## Power Plant Construction

During the P6 training, Power Plant Construction project planning will be done the candidates with 8 to 10 WBS by creating the 60 + activities with relationships. Resources (Labour, Non-Labour and Material), Units and duration for each activity are clearly given the requirement document or project charter. WBS can be given as Infrastructure, Sub Structure, SuperStructure, Mechanical, Electrical, Testing and Commissioning. Enriching candidates to think about design, Costing, Risk involved and closure documents as well.



## Maintenance of Oil & Gas Plant Project

During the P6 training, Maintenance of Oil & Gas Plant Project planning will be done the candidates with 8 to 10 WBS by creating the 60 + activities with relationships. Resources (Labour, Non-Labour and Material), Units and duration for each activity are clearly given the requirement document or project charter. WBS can be given as Manifold facility, LNG Train, Utilities, Product Storage, Product Loading and Infrastructure. Enriching candidates to think about design, Costing, Risk involved and closure documents as well.

# All the way from skilling to placement end-to-end Career Support



## SESSIONS WITH INDUSTRY MENTORS

Attend sessions from top industry experts and get guidance on how to boost your career growth



## MOCK INTERVIEWS

Mock interviews to make you prepare for cracking interviews by top employers



## RESUME PREPARATION

Get assistance in creating a world-class resume from our career services team



## GUARANTEED INTERVIEWS & JOB SUPPORT

Get interviewed by our 400+ hiring partners

# Completion Certificate

*Credo Systemz's certificate is highly recognized by 1000 +Global companies around the world.*





**GET IN TOUCH**



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