IMPLEMENTING AND ADMINISTERING MICROSOFT® PROJECT SERVER 2016

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Implementing and Administering Microsoft® Project Server 2016 course is 5 Day / 40 Hours Instructor led training course which covers step by step instructions on Planning and implementation of Microsoft PPM / EPM. You will learn detailed step-by-step instructions for planning, installing, configuring, deploying and managing the Microsoft SharePoint 2016 and Microsoft Project Server 2016.

ABOUT COURSE

Course Name	Implementing & Administrating Microsoft Project Server 2016
Course Duration	5 Days / 40 Hours
Courseware	Custom Courseware
Practise on	Microsoft Project Server, Microsoft SharePoint, Microsoft Project Labs
Training Mode	Classroom, Online, Corporate

PREREQUISITES

1. Basic understanding of SharePoint.
2. Basic Knowledge of Microsoft Project
3. Basic Concepts of Project Management
4. Basic of Microsoft Windows Server / SharePoint Server administration

AUDIENCE

- Anyone responsible for Implementing, Managing, Maintaining Microsoft Project Server 2016 including
- IT Administrators, Project Server Administrators, SharePoint Administrators, System Architect, Consultants, Business Analysts, System Analysts

DELIVERABLES

- ✓ Slides Handout
- ✓ Practice Labs
- ✓ Reference Links
- ✓ Exam Blueprint
- ✓ Trial Software
- ✓ 1 year 360Skills email Support

MODULES

1. Introduction and Project Server
2. Understanding the Human Challenge
3. Applying a Deployment Process
4. Installing SharePoint / Project Server
5. Post-Installation Configuration
6. Understanding the Project Web App Interface
7. Creating System Metadata and Calendars
8. Configuring Portfolio and Project Governance
9. Building and Managing the Enterprise Resource Pool
10. Initial Project Server Configuration
11. Configuring Time and Task Tracking
12. Configuring Project Server Security
13. Building the Project Environment
14. Creating and Managing Views

15. Working with SharePoint and Project Sites
16. Configuring Business Intelligence and Reporting
17. Managing Project Server Day to Day

COURSE DETAIL

Module 01: Introduction and Project Server

- ✓ Introduction to Project Server
- ✓ Project Management available on Office 365
- ✓ New for Demand and Lifecycle Management
- ✓ New for Project Server in SharePoint
- ✓ New for Project Server Architecture
- ✓ Introducing the Microsoft PPM Platform
- ✓ Understanding Project Server Terminology
- ✓ Enterprise Resource Pool Overview
- ✓ Enterprise Global Overview
- ✓ Understanding the PPM Platform Technology Stack
- ✓ Project Server Installation Types
- ✓ Understanding Database in the Enterprise
- ✓ Understanding the Project Communications Lifecycle

Module 02: Understanding the Human Challenge

- ✓ Thinking Outside the Project
- ✓ Understanding the Formulas for Disaster
- ✓ Preparing Strategies for PPM Deployment Success

Module 03: Applying a Deployment Process

- ✓ Understanding the Deployment Process
- ✓ Managing the Discovery Phase
- ✓ Managing the Definition Phase
- ✓ Managing the Design Phase
- ✓ Managing the Pilot Phase
- ✓ Managing the Rollout Phase
- ✓ Managing the Post-deployment Support Phase

Module 04: Installing SharePoint / Project Server

- ✓ Installing Project Server - Overview
- ✓ Preparing the Evaluation Environment
- ✓ Prepare the Security Environment
- ✓ Prepare the Media for SharePoint Server and Project Server
- ✓ Install Windows Server
- ✓ Installing SQL Server
- ✓ SQL Server Post-Installation Procedures
- ✓ Prepare the Application Server for Installation
- ✓ Install SharePoint Server and Project Server
- ✓ Configure Your SharePoint Farm
- ✓ Create a Project Server Web App
- ✓ Create Additional Browser Bookmarks
- ✓ Creating a Service Application Manually (Reference)
- ✓ Upgrading and Migrating to Microsoft Project Server

Module 05: Post-Installation Configuration

- ✓ Introduction
- ✓ Configuring the Cube Building Service
- ✓ Verifying Project Server Functionality
- ✓ Creating Additional Project Web App Instances

Module 06: Understanding the Project Web App Interface

- ✓ Introducing Project Web App
- ✓ A Major Decision Point
- ✓ What's New in Project Web App Interface?
- ✓ Introducing SharePoint Permissions Mode
- ✓ Understanding the Default Project Web App Interface
- ✓ Using the Administration Interface for a PWA Instance
- ✓ Using Central Administration to Manage a PWA Instance

Module 07: Creating System Metadata and Calendars

- ✓ Understanding Project Server Metadata Architecture
- ✓ Working with Enterprise Custom Fields and Lookup Tables
- ✓ Creating Lookup Tables
- ✓ Modifying Built-In Lookup Tables

- ✓ Creating Custom Fields
- ✓ Creating Free Entry Custom Fields
- ✓ Creating a Custom Field with a Lookup Table
- ✓ Modifying Built-In Project and Resource Department Fields
- ✓ Creating a Custom Field Controlled by Workflow
- ✓ Creating a Custom Field with a Formula
- ✓ Importing a Local Field as an Enterprise Custom Field
- ✓ Displaying Graphical Indicators in Custom Fields
- ✓ Deleting a Custom Field or Lookup Table
- ✓ Planning for Matching Generic Resources
- ✓ Creating Enterprise Calendars

Module 08: Configuring Portfolio and Project Governance

- ✓ Portfolio Management and Project Governance Overview
- ✓ Understanding Project Governance: A Real-World Example
- ✓ Understanding Portfolio Management: A Real-World Example
- ✓ Configuring Portfolio Management
- ✓ Configuring Project Governance
- ✓ Configuring Demand Management
- ✓ Performing Portfolio Analyses

Module 09: Building and Managing the Enterprise Resource Pool

- ✓ Enterprise Resource Pool Overview
- ✓ Understanding Enterprise Resource Types
- ✓ Adding Resources Using Active Directory Synchronization
- ✓ Working with the Resource Center Data Grid
- ✓ Creating Work Resources Using Project Pro
- ✓ Creating Generic, Material, Cost, and Team Resources
- ✓ Editing Enterprise Resources Using Project Pro
- ✓ Using Project Web App to Create an Enterprise Resource
- ✓ Mass Editing Enterprise Resources
- ✓ Preparing to Import Enterprise Resources
- ✓ Importing Enterprise Resources
- ✓ Deactivating an Enterprise Resource using PWA
- ✓ Deactivating a Resource using Project Pro

Module 10: Initial Project Server Configuration

- ✓ Configuring Project Server
- ✓ Setting High-Level Enterprise Functionality
- ✓ Customizing the Quick Launch Menu
- ✓ Using SharePoint Central Administration for Configuration
- ✓ Configuring Alerts and Reminders
- ✓ Setting Options for the OLAP Cube
- ✓ Configuring Event Handlers

Module 11: Configuring Time and Task Tracking

- ✓ Understanding Tracking
- ✓ Defining Fiscal Periods
- ✓ Configuring Time and Task Tracking
- ✓ Configuring Project Server for Time Reporting
- ✓ Customizing the Timesheet Page
- ✓ Customizing the Tasks Page
- ✓ Tips for Using Tracking Methods
- ✓ Summary

Module 12: Configuring Project Server Security

- ✓ Project Server Security Overview
- ✓ Setting Organizational Permissions
- ✓ Understanding Users vs Resources
- ✓ Managing User Accounts
- ✓ Controlling Security with Groups and Categories
- ✓ Understanding Permissions
- ✓ Managing Permissions through Groups
- ✓ Managing Permissions through Categories
- ✓ Using and Managing Security Templates
- ✓ Managing AD Synchronization for Groups
- ✓ Resolving Common Security Requirements

Module 13: Building the Project Environment

- ✓ Building the Project Environment
- ✓ Importing Existing Projects and Templates
- ✓ Building the OLAP Cube

Module 14: Creating and Managing Views

- ✓ Understanding Views
- ✓ Creating Gantt Chart Formats
- ✓ Creating Grouping Formats
- ✓ Managing Project Web App Views
- ✓ Creating Custom Views in Project Web App
- ✓ Understanding Enterprise Views in Project Pro
- ✓ Creating Useful Enterprise Views

Module 15: Working with SharePoint and Project Sites

- ✓ SharePoint Concepts
- ✓ Managed Metadata and Enterprise Content Types
- ✓ Understanding Special Project Site Behaviors
- ✓ Managing the SharePoint/Project Server Connection

Module 16: Configuring Business Intelligence and Reporting

- ✓ Understanding project Server Business intelligence
- ✓ Reporting and Business Intelligence Overview
- ✓ Understanding Available Data
- ✓ Relational Data Overview
- ✓ Office Data Connections (ODC) Overview
- ✓ Preparing to View or Create Reports
- ✓ Accessing Sample Reports in the BI Center
- ✓ Built-In Reports Overview
- ✓ About Report Templates
- ✓ Interacting with Reports
- ✓ Working with Power BI

Module 17: Managing Project Server Day to Day

- ✓ Supporting Project Server
- ✓ Performing Common Application Administration
- ✓ Checking in Enterprise Objects
- ✓ Deleting Enterprise Objects
- ✓ Managing Queue Jobs
- ✓ Changing or Restarting Workflows
- ✓ Working with Administrative Backups
- ✓ Getting Started with Windows PowerShell
- ✓ Configuring the Queue

- ✓ Monitoring and Troubleshooting Project Server
- ✓ Using the Reliability and Performance Monitor
- ✓ Maintaining Your SQL Server Database
- ✓ Using the SharePoint Health Analyzer
- ✓ Managing Project Server SharePoint Timer Jobs
- ✓ Managing the Active Cache
- ✓ Using SharePoint Farm Backup and Recover

36O
SKILLS

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