

Project Introduction

This course will introduce you to Microsoft Project. You will learn how to create a new project, enter and work with tasks and resources, create a schedule, and print effective project information.

Snapshot

Duration: 1 day

Version: 2010, 2013, 2016

Level: Beginner

Prerequisites: Completion of MCI Project Management Fundamentals course or equivalent

Learning Outcomes

- Start Microsoft Project and identify how it works
- Explain some of the key concepts associated with project management
- Create a new project file in Project
- Enter tasks into a project file
- Create relationships between tasks in a project
- Add resources, including labour, materials and equipment to a project
- Understand and use resource assignment calculations
- Assign resources to tasks using a number of different methods
- Print various aspects of a project
- Obtain help for Project whenever you need it

Course Content

Getting to Know Project

- How Project Works
- Starting Project in Windows 10
- Understanding the Project Start Screen
- The Project Screen
- Project Operations
- Using the Ribbon
- Showing and Collapsing the Ribbon

- Understanding the Backstage
- The Project Work Area
- Working With Views
- Working With Split Screens
- Understanding Sheet Views
- Working With Tables
- Gantt Chart View
- Working With Gantt Charts
- Understanding the QAT
- Working With the QAT
- Working With Project Files
- Exiting From Project

Project Management

- Tasks and Resources
- The Importance of Planning
- Understanding the Gantt Chart
- Computers and Project Management

Creating a New Project

- Steps in Creating a Project
- Understanding Your Project
- Creating a New Project File
- Calendar Options
- Changing Calendar Options
- Working With Calendars
- Modifying the Standard Calendar
- Entering Public Holidays
- Creating a New Resource Calendar
- Creating a New Task Calendar
- Setting Up Project Information
- Entering File Properties

Creating Tasks

- Understanding Tasks
- Understanding Scheduling Icons
- Case Study Tasks
- Reviewing the Project
- Entering Tasks
- Creating Summary Tasks
- Assignment – Creating Summary Tasks
- Working in a Sheet View
- Working With Summary Tasks
- Working With Task Views
- Examining Task Information
- Understanding Task Durations
- Entering Task Durations
- Checking Progress
- Entering Milestones
- Assigning a Calendar to a Task

Scheduling

- Understanding Task Dependencies
- Creating Dependencies Automatically
- Creating Dependencies in Task Entry
- Creating Dependencies in Task Information
- Creating Dependencies in a Sheet View
- Modifying a Schedule Using Dependencies
- Auto Scheduling Tasks
- Critical Path and Project Slack
- Viewing the Critical Path
- Examining Task Slack
- Understanding Lag Time
- Entering Lag Time
- Understanding Lead Time
- Entering Lead Time
- Inactivating a Task

Resourcing a Project

- Understanding Resources
- Entering Work Resources
- Entering Material Resources
- Entering Cost Resources
- Assigning Calendars to Resources
- Understanding Resource Availability
- Adjusting Resource Availability
- Changing the Unit Display

Resourcing Concepts

- Resource Assignment Calculations
- Task Types and Work Effort
- Creating a Simple Assignment
- Working With Fixed Unit Tasks
- Working With Fixed Duration Tasks
- Making Multiple Assignments
- Adding Additional Resources
- Adding More of the Same Resource
- More Resources in Multiple Assignments
- Understanding Effort Driven Scheduling
- Working With Non Effort Driven Tasks
- Working With Effort Driven Tasks
- Resource Assignment Summary

Assigning Resources

- Simple Resource Assignments
- Assigning Part Time Resources
- Understanding Work Contouring
- Specifying Resource Usage
- Contouring Work Hours
- Assigning Specific Work Times
- Work Times for Multiple Assignments
- Problem Assignments
- Assigning Resources in Task Information
- Assigning Resources in a Sheet
- Assigning Resources You Do Not Have
- The Case Study Resources

Printing

- Understanding Printing
- Previewing Before You Print
- Selecting a Printer
- Printing a Gantt Chart
- Printing Sheet Views
- Printing Tasks for Resources
- Printing Resources for Tasks

Getting Help

- Understanding How Help Works
- Using Tell Me
- Accessing the Help Window
- Navigating the Help Window
- Using Google to Get Help
- Printing a Help Topic
- Other Sources of Assistance