



# Project Scheduling and Planning Skills Course

## Venue Information

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**Venue:** London UK

**Place:**

**Start Date:** 2026-07-07

**End Date:** 2026-07-11

## Course Details

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**Net Fee:** £4750.00

**Duration:** 1 Week

**Category ID:** P,PACC

**Course Code:** P,PACC-9

## Syllabus

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### Course Syllabus

#### Introduction

The late delivery of projects has become the scourge of project professionals worldwide. Countless numbers of projects undertaken by organizations in the private and public sectors significantly overrun the project schedule and budget, and as a consequence fail to achieve the organization's financial and strategic objectives. This is often accompanied by sizable increases in costs, reduction in quality and with substantial financial losses to the organization. Why? This is due mainly to the failure of many project professionals to successfully apply the tools and techniques of modern project planning, scheduling and control to their projects.

#### This course will feature:

- Practice in project planning techniques
- Understand the relationship between time and cost

## Objectives

- Apply techniques used in resource planning and control
- Understand the time-cost trade-offs
- Identify risk sources and minimize their impact and learn how to sustain project momentum
- Administer project documentation and reporting
- Develop effective performance monitoring and control systems

## Content

### Day One

#### Project Scope Planning and Definitions (Fundamentals)

- Introduction to Project Management
- Scope Planning
- Work Packages
- Scope Execution Plan
- Triple Constraints - Time Cost, Scope
- Project Delivery Systems

### Day Two

#### Project Schedule Planning

- Economic Evaluation and impact of interest rates
- Work Breakdown Structures (WBS)
- Project Estimating
- Gantt Chart - Schedule Baseline
- Precedence Network Diagramming
- Building schedule logic
- What is float?

### Day Three

#### Critical Path and Network Scheduling

- Activity development
- Network calculations
- Forward and backward pass
- Lead and Lag Scheduling
- Program Evaluation and Review Technique (PERT)
- Time-Cost-Scope Trade-off

### Day Four

#### Advanced Planning Methods and Project Control

- Preparing a Line of Balance Schedule (LSM)

- Time and Cost Tradeoff

## **Day Five**

### **Progress Reporting and Schedule Acceleration**

- Progress Tracking and Monitoring
- Options for Accelerating the Schedule
- Crashing the Schedule - How?
- Lean Approaches