



## Project Scheduling & Cost Planning Skills

Project Estimation & Planning for your Organisation

### ► Upcoming Sessions

16-20 Sep 2024	Barcelona - Spain	\$5,950
18-22 Nov 2024	London - UK	\$5,950
05-09 May 2025	Dubai - UAE	\$5,950
30 Jun-04 Jul 2025	Amsterdam - The Netherlands	\$5,950
17-21 Nov 2025	London - UK	\$5,950

### ► Training Details

#### Why Choose this Training Course?

This Project Scheduling & Cost Planning Skills training course focuses on how to deliver comprehensive reliable plans with time and cost estimates that gives the owner or sponsor of projects, high levels of confidence for project delivery. The COVID 19 pandemic has brought many a project to its knees with schedule and cost overruns – but with lessons learned we should, as project professionals, understand that our plans need to be realistic with a full view of any risks faced during and after the project lifecycle.

The decision to proceed with a project is based on early, high level conceptual estimates. However, these can be wide ranging and therefore more detailed estimates need to provide the basis for the cash flow projections and schedule forecasts. Much more attention now is required on how the project work will be achieved, for example at home or on site; and if together, whether teams can work safely with distancing rules.

#### This Anderson training course will feature:

- Gaining knowledge of techniques used in project estimating, from the conceptual stage to the final detailed estimate
- Understanding the different types of estimates used to give confidence and progressively estimate project costs and schedule
- Identifying risk sources and minimize their impact and learn how to sustain project momentum
- Developing effective performance monitoring and control systems
- An integrated approach to scope, time, resources and cost management into a dynamic and manageable model

#### What are the Goals?

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

- Confidently estimate project timescales and costs with appropriate resource management plans
- Identify, assess and manage schedule, cost, scope and resource risks
- Understand project performance and control

- ▶ Measure, forecast and control project performance by employing earned value techniques
- ▶ Develop a project recovery plan for budget and schedule overruns

## Who is this Training Course for?

**This Anderson training course is suitable to a wide range of professionals but will greatly benefit:**

- ▶ Those who have a project role such as project managers, cost estimators, project schedulers, project designers, project planner, contract professionals, project procurement and purchasing staff, and project control and business services professionals who have the responsibility for preparing cost / schedule estimates and project proposals in client and contracting companies
- ▶ Senior managers who want to understand best practice in project management
- ▶ Those who are interested in knowing more about estimation and control in a project environment

## How will this Training Course be Presented?

This Anderson training course will utilise a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented.

This training course is highly interactive and presents knowledge through formal and interactive learning methods. This training course includes individual exercises, team projects, applicable case studies, video and group discussions. The material has been designed to enable delegates to apply all of the material with immediate effect at the office.

Additionally, this training course does not assume prior knowledge of the topics covered in the course. New concepts and tools are introduced gradually to enable delegates to progress from the fundamental to the advanced concepts of project risk management.

## ▶ Training Details

### Day One: Project Estimating Basics

- ▶ Basic project management definitions
- ▶ Triple constraints – Time, Cost, Scope
- ▶ Project selection methods
- ▶ Defining project scope
- ▶ Cost & schedule estimation, Cost budgeting & control
- ▶ Project schedule management using the Critical Path Method

### Day Two: Developing Project Budget & Schedule Control

- ▶ Resource requirements
- ▶ Direct & indirect project costs
- ▶ Planning and scheduling limited resources
- ▶ Options for accelerating the schedule
- ▶ Crashing the schedule - How?

### Day Three: Managing the Risk

- ▶ Risk identification, analysis & management
- ▶ Contingency reserve
- ▶ PERT, probability and standard deviation formulae
- ▶ Network activity risk profiles
- ▶ Application: Estimating project duration
- ▶ Project risk strategies

### Day Four: Measuring Project Performance

- ▶ Critical chain analysis and use of buffers
- ▶ Comparison of unbalanced with balanced schedules
- ▶ Measuring planned progress on schedule
- ▶ Risk distribution in contracting
- ▶ Actual progress and work conditions

- ▶ Managing variable conditions

## Day Five: Managing and Recovering Project Estimates

- ▶ Schedule variances & cost variances
- ▶ Progress control charts -trend analysis
- ▶ Schedule and cost variance forecasting
- ▶ Schedule and cost recovery analysis
- ▶ Schedule and cost recovery plan
- ▶ Project recovery baselines and controls

## ▶ The Certificate

Anderson Certificate of Completion will be provided to delegates who attend and complete the course

## ▶ INFO & IN-HOUSE SOLUTION

For more information about this course, call or email us at:

Call us: +971 4 365 8363

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Request for a Tailor-made training and educational experience for your organization now:

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