



Solid Support
experience ahead of time

Training Portfolio



+61 2 9743 4666



experience@solidsupport.com.au



solidsupport.com.au

Overview

We provide training in planning software & construction planning, specifically for people working in the construction industry. Our courses are created and delivered by our team of experienced construction planning consultants, who have trained thousands of construction industry professionals.

Solid Support's training portfolio includes a construction planning stream and a software stream.

Construction Planning Training

Introduction to Planning & Technical Writing for Construction

Forensic Planning

Construction Software Training

Asta Powerproject

Microsoft (MS) Project

Primavera P6

Power BI

Our clients include:

AW EDWARDS



Buildcorp

Built

DEGNAN



HANSENYUNCKEN



MULTIPLEX

Renascent

RICHARD CROOKES CONSTRUCTIONS



SCENTRE GROUP

TAYLOR



+61 2 9743 4666



experience@solidsupport.com.au



solidsupport.com.au

Construction Planning Training [1 of 2]

Introduction to Programming | Module 1

Our Introduction to Programming module is designed for professionals to learning about construction planning. It covers both theoretical and applied knowledge. The module is 4 hours long.

Technical Writing | Module 2 & Module 3

This training covers the material related to technical communications in the construction / engineering project environment. The construction / engineering professionals learn about the writing process, preparing writing artefacts and presenting visual elements of the writing artefacts. Each module is 4 hours long.

Module 1	Module 2	Module 3
Introduction to Programming	Technical Writing I	Technical Writing II
• What is programming? • Planning Guidelines • Estimation Techniques • Understanding Network Diagrams & Programming Logic • Intro to MS Project / Asta Powerproject / P6 • Tutorials and practice questions	• Communication process • Effective communication • Research & documentation • Routine correspondence • Grammar, punctuation, mechanics and spelling	• Technical descriptions and process analyses • Technical summaries and reports • Instructions, user manuals and standard operating procedures • Oral communications • Document design and using visuals

This course is designed for:

Contracts Administrator, Project Coordinator / Engineer, Contracts Manager, Construction Manager, Project Manager / Director, Commercial / Design Manager

Construction Planning Training [2 of 2]

Forensic Planning Training

Our Forensic Planning Training focuses on reviewing programmes, performing quality checks, understanding and interpreting project delays and understanding the impact of project delays on your contractual obligations. In this module, the participant learns the theoretical and practical aspects of forensic analysis. The training is divided into 3 modules that is covered in a one-day seminar (7 - 8 hours).

Module 1	Module 2	Module 3
Basic / Beginner	Intermediate	Advanced
• Core principles of Forensic Planning • Forensic Planning / Programming checklist using MS Project or Asta Powerproject	• Different types of programmes • Record management • Types of delays • Analysis of delays • Demonstrating delays using MS Project or Asta Powerproject • Forensic Planning / Programming checklist for Asta Powerproject, MS Project or Primavera P6	• Contract types • Advanced delay analysis • Disputes: legal and financial ramification of delays • Delay reports, adjudications and expert testimonies

This course is designed for:

Contracts Administrator, Contracts Manager, Construction Manager, Project Manager / Director, Commercial / Design Manager



Construction Software Training [1 of 4]



Asta Powerproject

These modules are designed for those who are new to Asta |Powerproject and need a basic overview or are looking for a refresher and to catch up on the latest version. On completion of the Asta Powerproject Training modules, you will be able to create and track an entire project from start to completion.

You will learn to create and link tasks, reschedule the project, display progress, set up code libraries and print out a project. You will learn how to analyse the critical path, understand the concept of 'float' and create more detailed project reports.

Module 1	Module 2	Module 3	Module 4
Basic / Beginner	Intermediate	Advanced I	Advanced II (BIM)
• Calendars • Project Dates • Tasks, Summary Tasks, Milestones, Hammock Tasks • Durations • Dependency Logic • Code Libraries • Formatting • Printing	• Reviewing Programmes • Unique Task ID numbering • Views & Tables • Filters, Sorts & Groups • Baselines • Statusing & Progress • Delays & Programme Adjustments	• Creating and managing cost centres • Cost histograms • Creating and managing resources • Resource histograms • Resource usage view • Cost and income rates • Resource modelling	• Introduction to Asta Powerproject 4D • Upload multiple IFC files • Importing site objects • Working with new revisions of IFC files • Working with IFC model panes • Linking the model to the project timeline simulation

[Click here to take our free Asta skills assessment](#)

This course is designed for:

Cadet, Site Coordinator / Engineer, Contracts Administrator, Construction Coordinator / Supervisor, Project Coordinator / Engineer, Contracts Manager, Construction Manager, Planner, Project Manager / Director, Commercial / Design Manager

Construction Software Training [2 of 4]



Microsoft (MS) Project

MS Project for the Construction Industry is suitable for people currently working in project related roles or those who would like to extend their project management skills using MS Project 2013 or later or Project 365.

This course is designed to provide you with the necessary skills to plan and schedule a construction project. The course focuses on setting up a project in MS Project, updating and revising project schedules and assigning resources. You will be shown how to create time-scaled diagrams (bar charts) and update and monitor activity completion. This course consists of 3 different modules.

Module 1	Module 2	Module 3
Basic / Beginner	Intermediate	Advanced
• MS Project background features • Use of templates • Calendars • Tasks & durations • Dependency logic • Timelines • Formatting • Printing	• Reviewing Programmes • Views & Tables • Filters, Sorts & Groups • Baselines • Statusing & Progress • Delays & Programme Adjustments	• Resource types and assignments • Cost data entry • Resource and Cost Histograms • Project Reports

[Click here to take our free MSP skills assessment](#)

This course is designed for:

Cadet, Site Coordinator / Engineer, Contracts Administrator, Construction Coordinator / Supervisor, Project Coordinator / Engineer, Contracts Manager, Construction Manager, Planner, Project Manager / Director, Commercial / Design Manager

Construction Software Training [3 of 4]



Primavera P6

This training is designed for people who want to learn how to use the Primavera P6 planning software. It is designed for people who have used other planning software and need to get familiar with its functionalities.

In the training, you will be introduced to the P6 interface. You will learn how to create, import and export your projects. You will learn how to create and link activities. You will learn how to baseline and status your project to show progress on the project. You will learn how to assign resources and costs to your projects. Additionally, you will learn how to create reports and print your project.

Module 1	Module 2	Module 3	Module 4
Basic / Beginner	Intermediate	Advanced I	Advanced II
- Starting a new project - Developing the work breakdown structure - Activity types and % complete types - Project logic / linking activities - Working with calendars - Critical path and float - Project and activities constraints - Formatting and printing	- CPM Software basics - Filters and sorts - Managing progress - Setting the baseline - Establishing and displaying status date - Rescheduling a programme - Tracking and reporting progress - Working with reports - Remedial actions	- Creating and managing resources - Assigning and modelling resources - Updating projects with resources - Working with histograms - S-Curve reporting - Use Global Change	- Creating and managing costs - Assigning and modelling costs - Updating projects with costs - Working with histograms - S-curve reporting - Use Global Change

This course is designed for:

Cadet, Site Coordinator / Engineer, Contracts Administrator, Construction Coordinator / Supervisor, Project Coordinator / Engineer, Contracts Manager, Construction Manager, Planner, Project Manager / Director, Commercial / Design Manager

Construction Software Training [4 of 4]

Power BI

Are you ready to harness the power of data to transform your construction projects? Power BI for Construction is a comprehensive training program designed specifically for construction professionals in Australia and New Zealand. This course empowers you with the knowledge and skills to leverage Microsoft Power BI, a leading business intelligence tool, to gain valuable insights and make data-driven decisions.

In today's competitive construction landscape, the ability to effectively analyse project data and communicate key metrics is paramount. Power BI for Construction equips you with the essential tools and techniques to unlock the full potential of Power BI, enabling you to streamline processes, optimise resource allocation, and enhance project performance.

Module 1	Module 2	Module 3	Module 4
End User	Basic / Beginner	Intermediate	Advanced
• Introduction to Power BI and the data source • Accessing Power BI Service • Understanding the layout of a report • Using filters to navigate • Introduction to basic visuals This course is designed for end users of project reports. Duration is 2 hours.	• Overview of Power BI Desktop • Exporting the schedule to Excel • Importing project files • Introduction to Query editor • Table relationships • Building a project report • Create interactive visuals / filters • Calculated columns • Exporting to pdf	• Connecting P6, MSP and Asta Powerproject - methods and differences • Importing multiple project files • Working with Query editor • Creating table relationships • Building a project report • Custom visuals and slicers • Basic DAX measures	• Connecting to SQL / import data • Improve your project report • Creating more complex visuals • Advanced DAX formulas for calculations • Create a date table • Publish and sharing online (Service Portal)

This course is designed for:

Contracts Administrator, Project Coordinator / Engineer, Contracts Manager, Construction Manager, Planner, Project Manager / Director, Commercial / Design Manager