



Effective Project Control Systems for Post Crisis Developments

Integrating the New Risks into Project Control Systems

► Upcoming Sessions

29 Jul-02 Aug 2024	Online	\$3,950
28 Oct-01 Nov 2024	Online	\$3,950
28 Jul-01 Aug 2025	Online	\$3,950
27-31 Oct 2025	Online	\$3,950

► Training Details

Online Training Course Overview

Even before the pandemic, projects encountered challenges such as scope changes, delays, and cost overruns, highlighting the necessity for an integrated project control system encompassing scope, schedule, budget, risk, workflow, and more at the enterprise level. With anticipated changes in the post-COVID-19 era, project control systems must adapt to advancements in digital transformation, cloud computing, and big data. These systems must also integrate new risks to offer a comprehensive yet flexible approach.

This training course on Effective Project Control Systems for Post-COVID Developments offers practical insights and hands-on training on designing and implementing these advanced systems.

This online training course will feature:

- Project control concepts and systems
- Planning techniques for post pandemic era
- Budgeting, controlling and progress measurements
- Analyzing and overcoming project delays and cost overruns
- Risk and contract management in the new normal

Online Training Course Objectives

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

- Understand the components and modules of an integrated Project Control System (PCS)
- Understand and collect the requirements of the business in post Pandemic era
- Select the appropriate level of details for ePCS
- Learn how to implement the ePCS including planning, scheduling, budgeting and controlling scope, schedule, cost/budget, risks, changes and records of the post COVID-19
- Ensure that the ePCS reports are conveying single version of the truth on project status to enable informed decision making by management

Designed for

The online training course is tailored for all personnel who are exposed to, involved in, or

responsible for, the establishing and/or the use of Project Control Systems for scope, schedule, cost, and change control. It is also most beneficial for senior managers having initiatives for post pandemic planning and control of projects.

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

- ▶ Project Sponsors and Senior Managers
- ▶ Project Controls Managers and Staff
- ▶ Project Planners and Schedulers
- ▶ Cost Estimators and Cost Controllers
- ▶ Project Directors / Project Managers
- ▶ PMO Managers and Staff

Learning Methods

This Anderson training course will utilise a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. To serve the program goals a mix of different techniques will be used to energize the trainees such as lectures, power-point presentation, application on portfolio analysis tools, structured discussions, brainstorming sessions and case studies.

▶ Training Details

Day One: Introduction and Concepts of Project Controls

- ▶ Project Life Cycle Stages and Gating Systems
- ▶ The need for an Enterprise Project Control System (ePCS)
- ▶ Enterprise Project Management Control System (ePCS) Modules
- ▶ The ePCS Team / Roles and Responsibilities
- ▶ The Role of ePCS in handling post COVID-19 challenges
- ▶ Day 1 Case Study presentation of an ePCS Tool

Day Two: Planning, Scheduling and Resource Planning

- ▶ Work Breakdown Structure (WBS) / Organization Breakdown Structure (OBS) and Control Accounts
- ▶ Developing the Project Schedule and baselining the schedule
- ▶ Different Methods of Schedule Updating (Physical, milestones, etc)
- ▶ Special Scheduling concepts for post pandemic project requirements
- ▶ Activity Resources Requirements and Develop the Resource Plan
- ▶ Day 2 Case Studies and Workshops

Day Three: Budget Planning and Control, and Progress Measurement System

- ▶ Type of Project Costs and Cost Breakdown Structure (CBS)
- ▶ Developing the Project Budget
- ▶ The Earned Value Method, definitions and history
- ▶ Earned value metrics, KPIs and Reports (SV, CV, SPI, CPI, TCPI, etc)
- ▶ Progress Measurement Systems
- ▶ Reporting during project phases
- ▶ Day 3 Case Studies and Workshops

Day Four: Delay Analysis, Disruption, Acceleration and Recovery Schedules

- ▶ Definition and Classification of Delays?
- ▶ Concurrent delays according to the new SCL Protocol (Society of Construction Law)
- ▶ Delay Analysis using Time Impact Analysis (TIA), Windows Analysis and other methods
- ▶ Delay Damages and Disruption Costs
- ▶ Acceleration, constructive acceleration and recovery plans and associated costs
- ▶ Day 4 Case Studies and Workshops

Day Five: Handling Risks, Contract Changes and Record Management

- ▶ Risk Assessment, Risk Analysis, Risk Treatment and Action Plans
- ▶ Monte Carlo Simulation and quantifying Risks
- ▶ Type of Project Contracts and Project Changes
- ▶ Managing Changes to the Contracts
- ▶ Day 5 Case Studies and Workshops
- ▶ Final Course Review and Assessment

▶ The Certificate

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

▶ INFO & IN-HOUSE SOLUTION

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

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

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