



ENGINEERING EDUCATION AUSTRALIA

RELEVANT / FLEXIBLE / TRUSTED



INTRODUCTION TO INTEGRATED PROJECT PLANNING AND CONTROL

Course Duration: One Day

Target audience

Estimators, planners, schedulers, cost engineers, risk engineers, contract administrators, project managers, project control professionals and engineers who are involved with project planning and control.

Course overview

This course will provide attendees with an appreciation of integrated project planning, scheduling and control using earned value management. An overview will be provided for the key areas of integrated project controls including;

- Project organisation and breakdown structures
- Integrated planning, scheduling and budgeting
- Accounting considerations
- Analysis and management reports
- Change management and data maintenance

Course level

This course is suitable for engineers with skills and experience in project planning and control, and are interested in gaining AACE International certification and/or chartered status as a Cost Engineer.

Course topics

- Integrated Project Controls
- Project organisation and breakdown structures
- Integrated Planning, Scheduling and Budgeting
- Accounting considerations
- Analysis and Management reports
- Change management and Data Maintenance
- AACE International Certification Overview
- Engineers Australia Chartered Cost Engineer Overview

Learning outcomes

- Appreciation of integrated project controls
- Appreciation of project organisation and breakdown structures
- Appreciation of integrated planning, scheduling and budgeting
- Understanding of the accounting considerations for integrated project control
- Appreciation of performance analysis and management reports
- Appreciation and understanding of change management and data maintenance
- An understanding of the various types of certification available for project controls professionals through AACE International
- Awareness of the Knowledge and Skills required of a Certified Cost Professional (CCP), Earned Value Professional (EVP) and Planning and scheduling professional (PSP)
- An awareness of the importance to communicate effectively with all project stakeholders, internal and external
- An awareness of the requirements for chartered status as a Cost Engineer with Engineers Australia
- An awareness of how AACE International certification provides a pathway for Engineers interested in gaining chartered status.

Learning method

This course is delivered through face to face training to facilitate the student-to-student interaction and student-to-trainer discussions and knowledge sharing. There will be a number of exercises to be performed individually and in groups.