

# EARNED VALUE MANAGEMENT COURSE

## OVERVIEW

Earned Value Management (EVM) is a leading methodology that integrates a project's scope, schedule, and resource measurements to assess performance and progress. This best practice is essential for effectively measuring and controlling projects.

The Earned Value Management course equips you with the skills needed to apply EVM principles and calculations.

Through this course, you will learn to develop quantitative performance data, enabling you to control projects and make informed decisions. Key learning outcomes include tracking past performance, forecasting project schedules and cost outcomes, and identifying when corrective actions are necessary to keep projects on track.

ONLINE

SELF-PACED

## SYLLABUS

- EVM Metrics
- EVM Theory
- Establishing an EVM System
- EVM Process
- Descriptive EVM
- Predictive EVM
- Contracting for EVM
- Scheduling for EVM
- Reporting for EVM

## BENEFITS

Upon completion, various benefits follow:

- The ability to calculate project schedule and cost variance and address unfavourable performance areas.
- The ability to forecast project outcomes scientifically.
- The knowledge to establish an Earned Value Management System for the organisation.
- Full exposure and understanding of the Earned Value and Earned Schedule.



## DURATION

### 5 WEEKS

6x 2 hour virtual contact sessions.

## WHAT IS INCLUDED

- Course workbook
- Course assignments
- Earned Value Management Reference Sheet
- A certificate of completion

## WHO SHOULD ATTEND?

- Program Managers
- PMO Managers and Personnel
- Project Managers
- Project Controls Managers
- Project Engineers
- Project Planners
- Schedulers
- Estimators
- Quantity Surveyors
- Cost Controllers
- Finance Managers
- Managers responsible for Projects
- Any person that performs Earned Value Management on projects and wish to know more about it.

## FORMAT

The course consists of 10 modules. Each of the ten e-learning modules facilitates a self-study opportunity. Some modules include assignments to be submitted to the facilitator.

The course facilitator is available to address questions on these assignments between virtual class sessions via email correspondence.

Individual, confidential feedback is provided per submitted assignment. Each module is concluded with a virtual contact session via Microsoft Teams to discuss general questions and for the facilitator to provide consolidated feedback from the assignments.

The course is practical and knowledge-based, and it covers the material in the AACE® International Earned Value Management Professional certification.

## PREREQUISITES

- Basic knowledge and experience in the following Project Management Areas is required to make the most of the course:
  - Developing Scope, Defining Risks, and Procurement Management
  - Decomposing project scope into a Work Breakdown Structure
  - Developing a project schedule and resource load activities.
- Some exposure to project progress measurement and earned value management will be beneficial.
- At least secondary/high school-level mathematics. (due to calculations done in the course)