



London TDM

Project Management Training Courses

Course Venue: Malaysia - Kuala Lumpur

Course Date: From 02 November 2025 To 06 November 2025

Course Place: Royale Chulan Hotel

Course Fees: 6,000 USD

Introduction

Earned Value Management (EVM) is a project management technique that integrates project scope, schedule, and cost to assess project performance and progress. This 5-day course provides participants with a comprehensive understanding of EVM principles, techniques, and applications to enhance their project management skills and optimize project performance.

Objectives

- Understand the fundamental principles of Earned Value Management.
- Learn how to plan and implement EVM in project management.
- Analyze and interpret EVM metrics and performance data.
- Apply EVM methodologies to real-world project scenarios.
- Develop skills to manage projects effectively using EVM techniques.

Course Outlines

Day 1: Introduction to Earned Value Management

- Overview of Project Management and EVM
- Key Terminologies and Concepts in EVM
- Importance and Benefits of EVM in Project Management
- EVM Framework and Standards
- Integrating EVM with Project Management Processes

Day 2: Planning and Establishing an EVM System

- Defining Scope, Schedule, and Budget for EVM
- EVM Baseline Planning and Development
- Resource Allocation and Budgeting Techniques
- Setting Performance Measurement Baseline (PMB)
- Tools and Software for EVM Implementation

Day 3: Performance Measurement and Analysis

- Calculating Key EVM Metrics (EV, PV, AC)
- Analyzing Cost Performance Index (CPI) and Schedule Performance Index (SPI)
- Interpreting Variance Analysis (CV, SV)
- Using EVM Data for Performance Forecasting
- Case Study: EVM Analysis in a Sample Project

Day 4: Advanced EVM Techniques and Reporting

- Advanced Earned Value Techniques and Formulas
- Incorporating Risk Management in EVM
- EVM Reporting and Communication Strategies
- Developing EVM Dashboards and Visualizations
- Aligning EVM with Organizational Objectives

Day 5: Practical Application and Case Studies

- Real-world EVM Application Scenarios
- Group Exercise: Developing an EVM Plan for a Project
- Case Study Analysis and Lessons Learned
- Overcoming Common EVM Implementation Challenges
- Final Discussions and Course Wrap-up