Fundamentals of Earned Value Management

Course Brochure

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1. Company Introduction

Project Controls Institute (PCI) is World's first and most unique Project Controls learning platform offering blended education alongside a flexible framework of global accreditations and qualifications. PCI combines unique content with blended learning methods, mapped to major global frameworks that allows candidates to gain accreditations/certifications with AACE, PMI, APM, APMG, ECITB and Engineering Council UK. PCI is also supported by globally recognised professional bodies such as Engineers Australia and ACostE.

Through a simulated classroom experience, you'll be taught by industry experts to not only understand the Project Controls theory that's essential to your career development but how to use software systems in a real-world, operational setting. What's more, you'll also get access to the PCI Handbook for free. Learn with us and wherever you are in the world, we will help you achieve the qualifications that will set you apart.

2. Training Programme Description

Course Name: Fundamentals of Earned Value Management

Dedicated online training module in a structured and professional manner allows candidates to demonstrate knowledge of Earned Value Management tools and techniques from the breakdown structures, right through to successful delivery of regular earned value reports to aid decision making by senior management. It demonstrates that you understand the methodology and can apply the terminology correctly.

3. Course Development

Our course is prepared by the industry experts who helped Governmental and professional bodies to draft their national standards and certifications.

4. Certifications Offered

Upon successful completion of training and assessment, candidate will be eligible for PCI certificate.

5. Eligibility Requirements

No prior knowledge or experience is required for this certification.

6. Syllabus

Topic#	Name of the Topic
0	**Introduction to the Course**
0.1	Course Navigation
0.2	Overview of EVM Course
1	**Introduction to Earned Value Principles**
1.1	Fundamentals of EVM
1.2	EVM Intent Guide and Maturity
2	**Organisation**
2.1	Overview of Organization Module
2.2	Work Breakdown Structure
2.3	Organizational Breakdown Structure and Responsibility Assignment Matrix
2.4	Control Account, Work Authorization and Overhead Cost Organization
2.5	Summary of Organization Module
2.6	Knowledge Check Questions 2
3	**Planning, Scheduling and Budgeting**
3.1	Overview of Planning and Scheduling and Budgeting Module
3.2	Developing Performance Measurement Baseline
3.3	Estimating
3.4	Risk Assessment and Mitigation
3.5	Authorized Un-priced Work
3.6	Elements of Contract Price (PMB, MR, UB etc.)
3.7	Establishing Rules of Performance Measurement
3.8	Planning
3.9	Scheduling
3.10	Variance Analysis and Reporting
3.11	Knowledge Check Questions 3
4	**Accounting Considerations**
4.1	Overview of Accounting Considerations Module
4.2	System Identification
4.3	Organizing Costs - Direct and Indirect
4.4	Organizing Direct and Indirect Cost
4.5	Control Account Actuals
4.6	Accounting of Materials and Subcontractors
4.7	Summary of Accounting Consideration Module
5	**Analysis and Management Reports**
5.1	Overview of Analysis and Management Report Module
5.2	Implementing EVM
5.3	EVM Terminology and performance Measurement Metrics
5.4	Estimate to complete and estimate at completion
6	**Revisions and Data Maintenance**
6.1	Overview of Change Control Module
6.2	Change Control
6.3	Formal Reprogramming
6.4	Summary of Revisions and Data Maintenance Module

7. Programme Format

This programme will be delivered in an interactive, practical, E-learning video format along with knowledge check questions and assessment. Theory will be supported and illustrated through a combination of real-world examples.

The USP of our courses is that these are developed by experts working on real life projects and hence the course content reflects the practical aspects and challenges faced by the professionals and industry during the project delivery.

8. Expected Audience Profile/ Background

- ▶ Project Managers, managers, department heads, and others who need a better understanding of the elements of EVM.