Project Controls Institute

Advanced Project Performance and Reporting

Course Brochure and Competency Matrix

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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: Advanced Project Performance and Reporting

Dedicated online training module in a structured and professional manner is essentially split into 2 components – 1st being the advanced EV concepts and 2nd will talk offer insight on new and innovative ways to discover and visualize critical data to produce insightful and actionable facts for better decision making. This is built based on our in-house capability of providing our customers with new and innovative ways to discover and visualize critical data to produce insightful and actionable facts for better decision making. It is done as a service (SaaS) platform and gives you real time, accurate and critical Project Analytics such as following at your fingertips.

The approach we have adopted in-house and considering sharing to project controls community is Integrate i.e., Link together any line of business on premise system or cloud system; Organize i.e., Translate, merge and sync data between multiple systems and finally, Analyze i.e., Get better insight from your data and convert it to intelligent action. Analytics are provided in any format including updated systems, timely notifications to personnel, dashboards, reports, and much more.

3. Expected Audience Profile/ Background

- Project Managers
- Project Control leads
- Cost controllers
- Planning Engineers
- Reporting analysts

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4. Eligibility Requirements

Prior experience in Project Controls and project performance reporting is mandatory.

5. Syllabus

Topic#	Name of the Topic
1	Milestone Reporting – Strategic, Integrated, Interface & Tactical
2	EVM – Cost & Schedule Performance (CPI & SPI – Trend & Scatter Plot)
3	Change Management – Baseline Comparison, Trend Report, Programme Level Resource Requirements shift & Impact on Milestones, Compensation Events and its associated drivers
4	Risk – RAID (Including Risk Register)
5	Resource Management/Forecasting –Forecasting based on Performance
6	KPI Scoring – Soft and Hard KPI's including Spider Chart
7	Data Quality Report
8	Cost Reallocation & Progress Rollback

6. 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.