Earned Value Management® Courses Outline

WHAT IS EARNED VALUE MANAGEMENT (EVM)?

APMG International have developed the EVM qualification in partnership with the Association for Project Management (APM) Earned Value Specific Interest Group. Earned Value Management is a project control process based on a structured approach to planning, cost collection and performance measurement. It facilitates the integration of project scope, time and cost objectives and the establishment of a baseline plan for performance measurement. Earned Value Management concepts are included in the EVM handbook and are tested in the EVM APMG examinations. The establishment of a Performance Measurement Baseline (PMB) is essential to conducting successful EVM and consists of:

- Defined scope and assumptions
- Activities scheduled in logical sequence
- Resources / costs (labour and materials)
- Defined deliverables scheduled for delivery

Earned Value Management provides excellent insight into the controls, measurements, schedules and budgets needed to successfully implement projects at a variety of different levels and scales. The method ensures that project performance is closely monitored and assessed so that reports and predictions can be accurately produced. It is also applicable to programmes and portfolios, to ensure that there is tight control throughout all aspects of an organisation, resulting in high success rates. The course is incredibly valuable for the survival and success of projects or programmes as it establishes scope, time and cost objectives while any projects, programmes are being designed. Earned Value Management then teaches delegates about a performance measurement plan to monitor the implementation of plans for projects of programmes.

COURSE DESIGNED FOR?

Earned Value is aimed at all Project, Programme and Business Management Personnel who require an understanding of the principles, practices and issues of Earned Value Management.

COURSE OBJECTIVES:

After successful completion of the Foundation course, delegates will have a good understanding of the areas below. The Practitioner course builds on this understanding enabling the delegates to apply this knowledge to a given project situation.

- How to plan and set up projects using Earned Value tracking
- How to apply Earned Value to the current project performance
- Understanding the problems associated with the use of Earned Value
- Understanding the implications of using Earned Value as a contracting tool
- Using Earned Value to forecast time and cost based on performance

Earned Value Management®
Courses Outline

COURSE CONTENT:

The Foundation course covers the areas below. The Practitioner course builds on this understanding enabling the delegates to apply this knowledge to a project.
 Defining the Project Scope: Project vs. product scope, decomposition & work breakdown structures (WBS)
- Creating a Baseline: Developing a time-scaled network diagram & developing the project cost baseline
- Using Earned Value for Status Information: Earned value elements, measuring schedule performance, measuring cost performance, interpreting the formulae & management overview formulas
- Using Earned Value for Controlling Project Performance: Understanding variances.
- Forecasting Project Completion: Forecasting terminology, forecasting based on typical variances & forecasting based on atypical variances.
- Earned Value links to project risk management.
- Managing change in projects using Earned Value.
- Reviews of the project and Earned Value system.

PRE-REQUISITES:

There is no pre-requisite required for the foundation level, however in order to continue onto the Practitioner exam, a pass is required at Foundation. Pre-course study is recommended for classroom training approximately 10 hours for Foundation and 15 for combined to enable a depth of understanding and more than exams to be gained from the course.

DURATION AND EXAMS:

Classroom - The Foundation course lasts two days with the exam at the end of day two. The Practitioner course is also two days with the exam on the second day. A combined Foundation and Practitioner course lasts four consecutive days with exams on days two and four.
Online - The Foundation course is estimated to take 25-35 hours. The Practitioner course is estimated to take 10-20 hours study.
Exam – The Foundation exam is a one hour closed book exam, which requires 65% to pass. The Practitioner exam is a three hour open book exam, which requires 50% to pass.

INCLUDED IN THE COURSE:

- Pre course Study Materials & Email Support (classroom)
- Official Earned Value management ® Handbook (classroom)
- APMG Accredited Course Materials
- Official APMG Sample Exam Paper (s)
- Earned Value Management ® Foundation and Practitioner Exams (As applicable)
- Earned Value Management® Syllabus (e-learning)
- Tutor Support
- Earned Value Management Exam Guidance
- APMG Earned Value Management ® E-Certificate (for successful candidates)
- Shipping Costs (classroom)

CUPE INTERNATIONAL