

**Course Name: Earned Value Project Management**

Area of Study	Classroom Hours:
Project Management <b>Professional</b>	14

**Description:**

“Earned value” is a project management technique that is emerging as a valuable tool in the management of all projects, including and, in particular, software projects. In its most simple form, earned value equates to fundamental project management.

This course in earned value (EV) project management is the go-to choice for both corporate and government professionals. The course offers a general overview of basic project management best practices and then delves into detailed information on EV metrics and criteria, EV reporting mechanisms, and the 32 criteria of earned value management systems (EVMS) promulgated by the American National Standards Institute and the Electronic Industries Alliance and adopted by the Department of Defense.

Students will discover insights into the mechanics of EVMS for a thorough understanding of the processes and a practical presentation of how to best implement EVMS practices.

- The Basics of Earned Value
  - Earned Value Metrics
  - The Earned Value Management System
- It's All in the Plan
  - The Project Plan (Criterion 1)
  - The Organization (Criteria 2-5)
  - The Schedule (Criteria 6-8)
  - The Budget (Criteria 9-15)
- Project Status
  - Tracking Performance (Criteria 16-21)
  - Reporting Variances (Criteria 22-27)
  - Handling a Projects Changes and Termination
  - Time for a Change (Criteria 28-32)
  - Project Termination
- Earned Value Implementations
  - Implementing EVMS
  - Government Contracts
  - Partial EV Implementations
- Emerging Practices
  - Earned Schedule
  - Critical Chain Project Management

**Students enrolled for this course should have the following:**

Students should have practical experience with Project Management and a thorough understanding of PM principles