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## Mastering Earned Value Management Course Outline

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### Course Overview

Earned Value Management (EVM), widely adopted by many government agencies and organizations, provides numerous benefits to project management, sponsors, and customers alike. The use of earned value helps project members track and report metrics on scope, time, and cost; as well as providing early warnings of project difficulties that provide the foundation for corrective action. This course takes the sometimes challenging concepts of earned value and translates them into terms and concepts that help individuals unfamiliar with EVM quickly master the principles. This course also provides intermediate and advanced individuals gain new tools and techniques to improve their skills sets, as well as improve their project's performance. This course also guides participants on how to plan and manage a project in ways that facilitate the application of EVM principles. Perhaps most importantly, this course enables participants to apply earned value concepts directly to a real-world project of their choosing.

### Course Details

Class Duration	2 days (14 contact hours)
Course Materials Provided	Textbook and electronic files
Course Price	\$995 per participant. Special group pricing available.
PMI Course Number; PDUs	PPD6008; 14 PDUs

### Prerequisites

General familiarity of the *PMBOK® Guide* helpful.

### Instructors

We hand pick our instructors to ensure you receive a top-quality educational experience. Some of our instructors have over 20 years of experience in the field, as well as years of adult education experience. We require that our instructors have a minimum of 10 years of experience in the subject matter they deliver, as well as at least three years of adult education classroom experience. Your training class is only as good as your instructor.

Our founder, Brian Salk, PhD, PMP®, PMI-ACP®, personally hires and trains all of our instructors. Our instructors attend Dr. Brian's intensive train-the-trainer session, designed to help instructors deliver effective, interactive, and informative training sessions that are tailored to the unique learning styles of adult students. Dr. Brian's highly interactive teaching style is based on proven educational theory and over 25 years of practice. He has won the prestigious Worldwide Excellence in Training award four times.

Pinnacle Professional Development, LLC

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### Lesson 1: Earned Value Project Management

#### Overview

- EVM and the Project Management Process
- Basic EVM Terminology and Concepts
- Case Study and Practice

### Lesson 2: Key Organizing Documents Influencing

#### EVM

- The Project Charter
- The Stakeholder Management Strategy and Stakeholder Register
- Requirements Documentation
- The Project Scope Statement
- The WBS and WBS Dictionary
- Case Study and Practice

### Lesson 3: Assign Responsibility

- The Organizational Breakdown Structure and the WBS
- The Responsibility Assignment Matrix
- Case Study and Practice

### Lesson 4: Develop Schedule

- The Scope Baseline and the Resource Breakdown Structure
- The Schedule Baseline
- The Integrated Master Schedule
- Case Study and Practice

### Lesson 5: Establish Budget

- The Cost Estimates and the Cost Baseline
- The Project Funding Requirements
- The Control Account Plans
- Authorizing Work
- Updating the Project Budget Log
- Case Study and Practice

### Lesson 6: Determine Measurement Methods

- Discrete, Apportioned, and Level of Effort (LOE) Methods
- The Performance Measurement Methods
- Updating Control Account Plans
- Case Study and Practice

### Lesson 7: Establish Performance Measurement

- Baselines
- The Project Management Plan
- The Project Budget Base (PBB)
- Management Reserves
- The Performance Measurement Baseline
- Rolling Wave Planning
- Contract Decisions
- Formal Acceptance
- Case Study and Practice

### Lesson 8: Analyze Project Performance

- ETC
- EAC
- VAC
- TCPI
- Percentage Comparisons
- Trend Analysis
- Performance Measurement Methods
- Funding Forecasts and Trends
- Corrective and Preventative Actions
- Case Study and Practice

### Lesson 9: Maintain Performance Management

- Baselines
- Performance Measurement Baseline Updates
- Project Management Plan Updates
- Change Request Status