

**EVMI<sup>®</sup> - BUILDING & EDUCATING PROJECT STAFF MEMBERS  
WHO EXECUTE AND DELIVER PROJECTS & PROGRAMS  
SUCCESSFULLY ACROSS ALL INDUSTRIES**



**EVMi<sup>®</sup> 101: EARNED VALUE  
MANAGEMENT FUNDAMENTALS**

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Phone: 1.855.400.3864 Email: [info@evmi.com](mailto:info@evmi.com) Website: [www.evmi.com](http://www.evmi.com)  
Mailing: EVMI 25 CATOCTIN CIRCLE SE # 1965 LEESBURG VA 20177 USA

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**COURSE HIGHLIGHTS**

You Must Assume Full & Total Control Of Your Projects Now! Don't let your project tailspin into a disaster! Take full control of your project today. You can achieve this goal by being proactive in its monitoring and control rather than being reactive. Apply the use of Earned Value Management on your projects to enable and promote effective project planning, monitoring, and control. We will help you set up an early warning system that will give you early signs of trouble with your project health. Also discover techniques needed to compare actual work accomplished against baseline schedules and costs. Above all we will set up you on a path to recognize what must be done to successfully implement and use Earned Value in your organization utilizing the EIA-748-C EVMS standards and guidelines

**THIS CLASS WILL ENABLE YOU TO:**

- Discuss the importance and value of Earned Value Management (EVM) in today's organization
- Understand Project Management and EVM integration
- Understand and Implement EVM Analytics, EVM Methods, EVM Forecasting and ANSI-EIA industry standards on a Project
- Calculating and Managing Schedule Variances (SV); Cost Variances (CV), Variance at Completion (VAC), Schedule Performance Indices (SPI); Cost Performance Indices (CPI) and TCPI (To Complete Performance Index); Variance Analysis & Problem solving
- Identifying Variances and providing corrective actions on projects

**APPROVALS**

EVMI<sup>®</sup> 101: Earned Value Management Fundamentals course is approved by the United States Federal Government Federal Acquisition Institute (FAI) for Federal Acquisition Certification for Program and Project Managers (FAC-P/PM) certification for US Federal Government Program and Project Managers

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### EARNED VALUE MANAGEMENT FUNDAMENTALS

#### **SECTION 1:** PROJECT MANAGEMENT THEORY, APPLICATION AND PROJECT CONTROLS

- Project Management Theory and Earned Value Management (EVM)
- Project Management Processes; Project Life Cycle; Triple Constraints
- Project Scope Management & Project Scheduling, Work Breakdown Structure, (WBS) Establishment, WBS Dictionary, Work Authorization Document (WAD), Responsibility Assignment Matrix (RAM), Organization Breakdown Structure (OBS), Schedules, Critical paths, Milestones)
- Project Budgeting & Project Controls (Budgets; Contract budget baselines, Over target baselines; Undistributed budgets; Distributed budgets; Management Reserve (MR), Contingency; Control Accounts);
- Establishing Performance Measurement Baselines (PMB)



#### **SECTION 2:** EARNED VALUE MANAGEMENT THEORY & APPLICATION; EIA 748-C EVMS INDUSTRY STANDARDS

- Key Earned Value Management Concepts
- Earned Value Management Principles
- EVM Planning Process and Establishing the Performance Measurement Baseline (PMB)
- Preparing a Control Account Plan (CAP)
- Earned Value Management Definitions and Formulae (EV, AC, PV, CV, SV, SPI, CPI, TCPI, % start, % complete)
- Earned Value Management Forecasting (ETC, EAC)
- Earned Value Management Implementation & US Federal government guidelines (OMB; US Senate Bills; Weapons Systems Act and so on)
- Implementing EIA 748-c Earned Value Management Industry Standards (32 Criteria) On A Project and at an Organization



**EVM FUNDAMENTALS PRICE:** \$1,999 PER PARTICIPANT

**REGISTER AT:** <http://www.evmi.com/evm-fundamentals>

**ABOUT EVM FUNDAMENTALS:**  
<http://www.evmi.com/evm-fundamentals>

**\*\*CORPORATE ONSITE/ONLINE TRAINING:**

**ALL CORPORATE ONLINE TRAINING MUST BE PRE-APPROVED ONE MONTH IN ADVANCE OF TRAINING AND REQUIRES A MINIMUM OF 100 PARTICIPANTS. A MINIMUM OF 1000 (ONE THOUSAND) PARTICIPANTS IS REQUIRED FOR ONSITE TRAINING IN THE USA AND CANADA. ADDITIONAL COSTS SUCH AS INSTRUCTOR FLIGHT, PER DIEM, HOTEL AND OTHER DIRECT COSTS (ODC) MAY APPLY**

**CONTACT:**

**PHONE:** 1.855.400.3864

*(toll free in USA, Canada)*

**EMAIL** [info@evmi.com](mailto:info@evmi.com)

**INTERNET:** [www.evmi.com](http://www.evmi.com)



**MAILING:**

The EVM Fundamentals Program

Earned Value Management Institute

25 CATOCTIN CIRCLE SE #1965, LEESBURG VA 20177 USA

# **EVMI<sup>®</sup> – The Trusted Authority in Earned Value Management Training & Certification<sup>™</sup>**

EVMI<sup>®</sup> training programs enables Chief Earned Value Officer<sup>®</sup>s, Earned Value Management Professional<sup>®</sup>s, Project Control Officers (PCOs), Project Professionals, Project leaders and Project Management Staff members to develop leadership, accountability, oversight problem-solving skills, confidence, effectiveness in decision making, commitment, competence and increased Earned Value Management competencies required to ensure that their organizations are leveraging results-driven strategies that lead to top quality projects that are completed within authorized budgets and delivered on time.

**www.evmi.com**

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