



ABOUT EVMExpert™ EARNED VALUE MANAGEMENT EXPERT™ CERTIFICATION

EVMI®'s **EVMExpert™ Earned Value Management Expert™** program is the highest level certification in Earned Value Management across the globe and a top-level global based credential that recognizes Earned Value Management Experts, Earned Value Management Leads, Earned Value Management Professionals (EVMPs), Project Directors, Project Managers (PMs), Project Professionals, Earned Value Management Professionals (EVMPs), Project Management Professionals (PMPs), Project Control Officers (PCOs) and Project Control Professionals (PCPs) who have an advanced understanding and knowledge about the application, implementation, deployment, value and benefits derived from the use of project controls, planning and scheduling, risk management and Earned Value Management (EVM) for the effective management and oversight of projects and programs within their organizations.

The **EVMExpert™ Earned Value Management Expert™** credential certification is a unique senior management level and professional development program designed for Earned Value Management Experts, Earned Value Management Leads, Earned Value Management Professionals (EVMPs), Project Managers (PMs), Project Control Officers (PCOs) and Project Control Professionals (PCPs) who work in Government and Industry and are eager to achieve total project and program management, execution, and delivery successes.

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DURATION: 5 Days | **PRICE:** \$9,999.00 (USD) per participant | Requires 25 Participants per each Group

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The **EVMExpert™ Earned Value Management Expert™** certification program is aimed at the present and next generation of government and private sector project controls leaders and managers working for dynamic global companies and firms; international organizations and institutions; and government agencies/departments/ministries who need to broaden their horizons in the field and dimensions of project control, Earned Value Management (EVM), planning and scheduling, risk management, project management and effective program governance that enhances the prospects of overall project execution and delivery success.

The **EVMExpert™ Earned Value Management Expert™** credential certification training program offers the participant with intensive level training in Project controls; estimating, planning, scheduling, and budgeting; risk management, quality management, Earned Value Management Systems (EVMS), EIA 748-D Earned Value Management (EVM) Industry standards; fraud prevention; managing dispute and claims; and contract management for projects and programs.

The **EVMExpert™ Earned Value Management Expert™** curriculum has been designed by internationally recognized professionals from the field of project controls, planning and scheduling, risk management, quality management, project management, earned value management (EVM), risk, economics, business, finance, information technology, contracts and procurement, engineering (all disciplines), and government.

With its newly revised program, the **EVMExpert™ Earned Value Management Expert™** formula is challenging, rewarding, and exciting for all Earned Value Management Experts, Earned Value Management Leads, Earned Value Management Professionals (EVMPs), Project Managers, Project Control Officers (PCOs), Project Control Professionals (PCPs) and Project Control Leads regardless of their industry domain or solution.

An Earned Value Management (EVM) subject matter expert has expertise in areas such as: Planned Value, Earned Value, Actual Cost, performance metrics (CPI, SPI), variance analysis, project baseline development, WBS integration, schedule management, change control processes, data collection and reporting, EVMS compliance and surveillance, applying forecasting techniques, risk assessment related to EVM, and best practices for implementing EVM across different project types; essentially, all aspects of using EVM to effectively track and manage project performance against budget and schedule goals.

EVMExpert™ IS DELIVERED ONLINE VIA ZOOM IN ALL TIME ZONES



The **EVMExpert™** credential certification is delivered online using ZOOM online technology and is interactive with a **world-class Live EVMExpert™ Instructor**

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EVMExpert™ OUTLINE & CURRICULUM – COVERS **TEN MODULES**:

The EVMExpert™ Earned Value Management Expert™ credential certification consists of **TEN modules**, namely:

Module 1: Advanced EVM Fundamentals and Evolution. Role & Functions of the EVMExpert™ Earned Value Management Expert™

- Historical development of EVM and EVMS standards
- Comparison of global standards (e.g., EIA-748, ISO, PMI practices)
- Emerging trends in EVM
- My EVMExpert™ Earned Value Management Expert™ Top Ten Tasks & Scorecard
- My EVMExpert™ Earned Value Management Expert™ Organization
- Organizational Breakdown Structure (OBS) and Organizational Chart

Module 2: Organizational Structures and Work Breakdown Structures

- Developing and Designing Work Breakdown Structures (WBS)
- Developing and Designing Organizational Breakdown Structures (OBS)

Module 3: Advanced Planning, Schedule Management, Budgeting and EVMS Implementation

- Developing Scope, Schedule and Cost
- Cost breakdown structure (CBS) and budget allocation
- Control Account Management at expert level
- Integrating EVMS into enterprise project management
- Integrated baseline development for complex programs
- Resource-loaded scheduling and risk-adjusted baselines
- Performance Measurement Baseline (PMB) establishment and optimization
- Scheduling Theory
- Schedule Management Plan (SMP) Development
- Schedule Control
- Cost breakdown structure (CBS) and budget allocation
- Control Accounts, Work Packages, Planning Packages

Module 4: Earned Value Management Techniques, Calculations, Metrics and Measurement Methods

- Advanced earned value techniques (e.g., percent complete, milestones, LOE)
- Planned Value (PV), Earned Value (EV), Actual Cost (AC), Cost Variance (CV), Schedule Variance (SV), Cost Performance Index (CPI), Schedule Performance Index (SPI), Budget at Completion (BAC), Variance at Completion (VAC), To-Complete Performance Index (TCPI), Percent Spent, Percent Complete, Estimate at Completion (EAC), Independent EAC (IEAC), Estimate to Complete (ETC)
- Objective vs. subjective measurement
- Customizing EV methods for different project types

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Module 5: Accounting Considerations and Data Integrity

- Indirect cost allocation and material accounting in EVMS
- Data traceability and reconciliation with financial systems
- Ensuring compliance with accounting standards

Module 6: Performance Analysis, Forecasting, and Variance Management

- Deep dive into variance analysis (cost, schedule, at-completion)
- Advanced forecasting techniques (e.g., Earned Schedule, statistical methods)
- Root cause analysis and corrective action planning
- Variance analysis (cost and schedule) and Trend analysis. Identifying areas of concern and potential issues, Problem-solving and resolution
- Generating EVM reports for stakeholders. Earned Value Management Forecasting

Module 7: Reporting, Management Insights, and Dashboards

- Designing executive-level reports (e.g., IPMR/IPMDAR formats)
- Data visualization and KPI development
- Tailoring reports for stakeholders

Module 8: Revisions, Changes, and Baseline Maintenance

- Integrated change control in EVMS
- Managing scope changes, re-baselining, and retroactive adjustments
- Over-target baseline (OTB) and over-target schedule (OTS) strategies
- Change management process and Change Control Board
- Impact analysis of changes on project baseline
- Updating EVM data to reflect changes

Module 9: Risk, Opportunity, and Quality Integration with EVM

- Quantitative risk analysis linked to EVM forecasts
- Integrating quality management and opportunity management
- Agile and hybrid project applications of EVM
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Module 10: EVMS Surveillance, Leadership, and Expert Practices

- Leading EVMS compliance reviews and surveillance
- Mentoring and training in EVM
- System Description Documentation (SDD)
- Risk Management and Control, Quality Management and Control
- Data quality control and validation
- EVMS Architecture (Inputs, Outputs, Tools, Techniques)
- EVMS Certification and Compliance with EIA 748 industry standards EVM and EVMS Surveillance
- EVMATOM® Earned Value Management Accountability Transparency and Oversight Matrix®
- Fraud Detection, Prevention and Control
- Contract Management, Claims & Disputes
- Case studies in EVMS implementation success/failure; certification exam preparation

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EVMExpert™ DAILY SCHEDULE OF TRAINING AND EXAM ON DAY 5:

Days 1, 2 and 3: EVMExpert™ Earned Value Management Expert™ Instruction for Modules 1 through 10

Day 4: EVMExpert™ Earned Value Management Expert™ Independent Study and EVMExpert™ examination preparation

Day 5: On Day 5, all EVMExpert™ participants will complete a **four**-hour examination comprising of 10 questions.

A passing grade of 80% is required to become EVMExpert™ certified

EVMExpert™ – INDUSTRIES SERVED & WHERE WE WORK:

All major industries from Oil and Gas to Aerospace & Defense to Heavy Construction to Retail to Pharma to Information. EVMExpert™'s work across all industries: Governments, Aerospace & Defense, Cyber Security, Management Consulting, Transportation, Infrastructure, Utilities, Energy & Nuclear Power, Oil & Gas, Telecommunications, Information Technology, Computer Hardware, Heavy Construction, Aviation, Banking & Finance, Automotive Technology to Agriculture to Mining to Energy to Nuclear Power to Aviation and numerous more

EVMExpert™ – WHO MAY APPLY

All Earned Value Management Professionals (EVMPs), Earned Value Management Leads, Project Directors, Project Managers, Project Control Officers, Project Control Professionals, PMPs, IT Professionals, Engineers, Control Account Managers (CAMS), Project Engineers, Managers, Senior Project Managers and Senior Engineers

EVMExpert™ – 60 PROFESSIONAL DEVELOPMENT UNITS (PDUs):

60 PDUs is awarded upon completion of EVMExpert™ Earned Value Management Expert™ certification program.

EVMExpert™ – LIFE-TIME AWARDED CERTIFICATION:

The EVMExpert™ Earned Value Management Expert™ certification is a life-time award that never expires.

EVMExpert™ – MINIMUM CLASS SIZE

The EVMExpert™ Earned Value Management Expert™ certification online minimum class size is **25** participants

EVMExpert™ – MAXIMUM CLASS SIZE

The EVMExpert™ Earned Value Management Expert™ certification online maximum class size is **5,000** participants

EVMExpert™ – ENGLISH LANGUAGE REQUIREMENT

*The EVMExpert™ certification program is given in the English language only.

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Benefits of the EVMExpert™ Certification

Achieving the EVMExpert™ Earned Value Management Expert™ certification provides significant professional and organizational advantages:

- **Global Recognition and Credibility:** As one of the leading advanced EVM credentials, it positions holders as experts in the field, highly valued across industries and governments.
- **Enhanced Career Opportunities:** Certified experts are sought after for senior roles in project controls, program management, and EVMS oversight, often leading to promotions and leadership positions.
- **Increased Earning Potential:** Demonstrated expertise correlates with higher salaries and consulting opportunities.
- **Improved Project Outcomes:** Holders apply advanced techniques to drive better performance measurement, early issue detection, and successful project delivery.
- **Competitive Advantage in Contracts:** Certification signals competency in EIA-748 standards, increasing chances of winning contracts requiring robust EVMS.
- **Professional Development and Networking:** Access to cutting-edge practices, leadership skills, and a community of EVM professionals.
- **Organizational Impact:** EVMExperts contribute to EVMS maturity, maintenance, certification and compliance, transparency and accountability, reducing and mitigating project risks and enhancing the overall project success rates.

This EVMExpert™ Earned Value Management Expert™ certification is ideal for experienced professionals aiming to excel in complex, high-stakes environments where precise project performance management is critical.

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