Earned Value Analysis (EVA) Deep Dive Training Course

Professional Development Training Course Outline

Category	Project Management	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Earned Value Analysis (EVA) has become a critical methodology for project managers seeking precise control over project performance, cost management, and schedule efficiency. Earned Value Analysis (EVA) Deep Dive Training Course offers a deep dive into EVA principles, enabling professionals to measure project progress with accuracy, forecast potential risks, and implement corrective actions proactively. Participants will gain hands-on experience with practical EVA applications, interpreting performance metrics, and integrating EVA techniques into existing project management frameworks.

The course leverages cutting-edge project management trends and best practices to enhance organizational decision-making. Through real-world case studies and interactive sessions, learners will develop the analytical skills required to optimize project performance, ensure financial accountability, and drive strategic outcomes. By the end of the program, participants will possess the capability to align project objectives with organizational goals while effectively monitoring and controlling project performance.

Programme Curriculum

Earned Value Analysis (EVA) Deep Dive Training Course

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Course Objectives

1. Understand the fundamentals and advanced concepts of Earned Value Analysis (EVA).
2. Master project performance measurement techniques using EVA metrics.
3. Learn to forecast project cost and schedule variances effectively.
4. Develop skills to integrate EVA into project management workflows.
5. Analyze project performance trends using critical EVA indicators.
6. Enhance decision-making through quantitative project data interpretation.
7. Identify project risks and implement corrective strategies using EVA.
8. Apply earned value management principles to complex project environments.
9. Utilize software tools for accurate EVA tracking and reporting.
10. Explore the relationship between scope, cost, and schedule in project management.
11. Improve resource allocation and efficiency with data-driven insights.
12. Strengthen stakeholder communication through EVA reporting techniques.
13. Implement organizational best practices to drive project success.

Organizational Benefits

- Increased project cost efficiency
- Improved schedule adherence
- Enhanced risk management
- Data-driven decision-making
- Greater accountability and transparency
- Optimized resource allocation
- Higher project success rates
- Consistent project performance tracking
- Alignment of projects with strategic goals
- Stronger stakeholder confidence

Target Audiences

1. Project Managers
2. Program Managers
3. Project Controllers
4. Portfolio Managers
5. PMO Staff
6. Cost Analysts
7. Project Coordinators
8. Senior Management

Course Duration: 10 days

Course Modules

Module 1: Introduction to Earned Value Analysis

- Fundamentals of EVA
- Key terminology and concepts
- Benefits of EVA in project management
- Historical development and evolution
- Common EVA misconceptions
- Case Study: EVA application in a construction project

Module 2: Planning and Baseline Setup

- Project baseline creation
- Work Breakdown Structure (WBS) integration
- Budget and resource allocation
- Schedule planning techniques
- Defining performance measurement baselines
- Case Study: Baseline setup in an IT deployment project

Module 3: Cost and Schedule Performance Measurement

- Cost Performance Index (CPI)
- Schedule Performance Index (SPI)
- Tracking actual vs. planned metrics
- Performance variance analysis

- Impact of performance deviations
- Case Study: Performance measurement in manufacturing

Module 4: Forecasting and Trend Analysis

- Estimate at Completion (EAC)
- Variance at Completion (VAC)
- Trend analysis for project forecasting
- Predictive modeling for project outcomes
- Mitigation strategies for forecasted risks
- Case Study: Forecasting in infrastructure projects

Module 5: EVA Metrics Interpretation

- Interpreting key EVA metrics
- Using metrics for decision-making
- Reporting to stakeholders effectively
- Performance reporting templates
- Actionable insights from EVA data
- Case Study: EVA metrics in software development

Module 6: Advanced EVA Applications

- Integrating EVA with agile frameworks
- EVA in multi-project environments
- Critical path and EVA correlation
- Custom EVA dashboards
- Advanced reporting techniques
- Case Study: EVA in complex energy projects

Module 7: Software Tools for EVA

- Overview of leading EVA software
- Data entry and tracking processes
- Generating automated reports
- Integrating EVA tools with PM software
- Best practices for tool utilization

- Case Study: EVA software implementation in a healthcare project

Module 8: Risk Management and Corrective Actions

- Identifying project risks through EVA
- Performance variance analysis
- Corrective action planning
- Stakeholder communication strategies
- Continuous improvement using EVA insights
- Case Study: Risk mitigation using EVA in a logistics project

Module 9: Reporting and Stakeholder Communication

- Standard EVA reporting formats
- Visual dashboards and charts
- Communicating performance effectively
- Customizing reports for different audiences
- Ensuring transparency and accountability
- Case Study: Stakeholder reporting in telecom projects

Module 10: EVA in Strategic Project Alignment

- Aligning project goals with business objectives
- Performance management frameworks
- Linking EVA metrics to strategic KPIs
- Evaluating organizational impact
- Enhancing project governance
- Case Study: Strategic alignment in government projects

Module 11: Auditing and Compliance in EVA

- EVA compliance standards
- Auditing project performance
- Maintaining records for audits
- Regulatory considerations
- Corrective measures post-audit
- Case Study: Compliance evaluation in defense projects

Module 12: Lessons Learned and Continuous Improvement

- Capturing lessons learned from EVA
- Continuous improvement frameworks
- Process optimization using EVA insights
- Building organizational EVA maturity
- Benchmarking performance across projects
- Case Study: Process improvement in engineering projects

Module 13: Integrating EVA with Project Portfolio Management

- Portfolio-level performance analysis
- Prioritizing projects using EVA data
- Resource allocation across portfolios
- Strategic portfolio adjustments
- Reporting portfolio performance to executives
- Case Study: EVA in a multi-project portfolio

Module 14: EVA in Agile and Hybrid Projects

- Adapting EVA to agile projects
- Hybrid project management frameworks
- Measuring incremental value
- Agile reporting using EVA principles
- Lessons learned from hybrid projects
- Case Study: Agile project performance evaluation

Module 15: Capstone Project and Simulation

- Comprehensive EVA simulation
- Real-world project scenarios
- Applying learned techniques across modules
- Performance analysis and forecasting
- Collaborative group exercises
- Case Study: End-to-end EVA simulation

Training Methodology

- Interactive instructor-led sessions
- Hands-on practical exercises
- Real-world case studies and simulations
- Group discussions and peer learning
- EVA software demonstrations
- Assessment quizzes and feedback sessions

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

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