Project Execution Control & Monitoring 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

Effective project execution control and monitoring is critical to ensuring that organizational initiatives are delivered on time, within scope, and on budget. Project Execution Control & Monitoring Training Course equips participants with advanced knowledge and practical skills in project control techniques, monitoring tools, performance tracking, and risk management strategies. By focusing on real-time performance measurement, variance analysis, and decision-making frameworks, participants will learn how to proactively identify deviations, implement corrective actions, and optimize resource allocation. The course emphasizes the integration of digital tools, dashboards, and project management software to enhance transparency, accountability, and overall project success.

In today's complex project environments, organizations face challenges such as tight deadlines, budget constraints, multi-stakeholder coordination, and dynamic risk factors. This training provides a hands-on, practical approach to project control, enabling professionals to implement systematic monitoring mechanisms, improve reporting accuracy, and enhance decision-making. Participants will engage in case studies, simulations, and analytical exercises designed to strengthen their capacity to manage projects effectively, ensuring alignment with organizational objectives and strategic priorities.

Programme Curriculum

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Course Objectives

1. Understand the fundamentals of project execution control and monitoring.
2. Apply project planning, scheduling, and baseline management techniques.
3. Utilize performance measurement tools such as KPIs, dashboards, and scorecards.
4. Implement cost control and budget tracking methods.
5. Conduct risk assessment and develop mitigation strategies during execution.
6. Monitor quality and compliance in project deliverables.
7. Apply variance analysis to schedule, cost, and performance metrics.
8. Use project management software for real-time monitoring and reporting.
9. Develop corrective action plans based on monitoring outcomes.
10. Integrate stakeholder communication and reporting mechanisms.
11. Manage multi-project coordination and resource allocation.
12. Evaluate lessons learned and continuous improvement practices.
13. Strengthen governance and accountability in project execution.

Organizational Benefits

- Improved project delivery on time and within budget
- Enhanced alignment of project objectives with organizational goals
- Reduced project risks through proactive monitoring and control
- Increased efficiency in resource utilization
- Improved decision-making based on real-time data and KPIs
- Enhanced stakeholder communication and satisfaction
- Greater transparency in project performance reporting
- Standardized project governance and accountability frameworks
- Strengthened capacity for multi-project management
- Continuous improvement through lessons learned and feedback loops

Target Audiences

- Project managers and project coordinators
- Program managers and portfolio managers
- Project control officers and analysts

- Risk management professionals
- Project management office (PMO) staff
- Senior management and executives overseeing projects
- Project consultants and trainers
- Monitoring and evaluation specialists

Course Duration: 10 days

Course Modules

Module 1: Introduction to Project Execution Control

- Understanding project execution frameworks and principles
- Key success factors for execution control
- Roles and responsibilities in project monitoring
- Importance of aligning execution with organizational strategy
- Common challenges in project execution
- Case Study: Lessons from a delayed infrastructure project

Module 2: Project Planning & Scheduling Techniques

- Developing project schedules and timelines
- Defining project baselines and milestones
- Tools for planning and scheduling (Gantt, PERT, CPM)
- Resource allocation and leveling techniques
- Integrating planning with execution control processes
- Case Study: Scheduling challenges in a multi-stakeholder project

Module 3: Performance Measurement & KPIs

- Defining project KPIs and performance metrics
- Establishing benchmarks for schedule, cost, and quality
- Developing dashboards for real-time tracking
- Using scorecards to evaluate project health
- Continuous monitoring for performance improvements
- Case Study: KPI implementation for a large-scale IT project

Module 4: Cost Control & Budget Monitoring

- Tracking project costs against approved budgets
- Variance analysis and cost forecasting
- Controlling scope creep and cost overruns
- Budget reallocation strategies during execution

- Financial reporting for project stakeholders
- Case Study: Cost control measures in a construction project

Module 5: Risk Assessment & Mitigation

- Identifying potential risks during execution
- Quantitative and qualitative risk analysis techniques
- Developing risk mitigation and contingency plans
- Monitoring risk triggers and early warning signals
- Integrating risk management into project dashboards
- Case Study: Managing risks in a renewable energy project

Module 6: Quality Control & Compliance

- Defining quality standards for deliverables
- Monitoring compliance with project specifications
- Quality assurance techniques during execution
- Inspection, testing, and validation processes
- Reporting non-compliance and corrective actions
- Case Study: Quality failures in a manufacturing project

Module 7: Schedule & Cost Variance Analysis

- Understanding earned value management (EVM)
- Calculating schedule variance and cost variance
- Identifying deviations from baseline plans
- Techniques for corrective and preventive actions
- Reporting variance analysis to stakeholders
- Case Study: Schedule variance impact on a civil engineering project

Module 8: Project Monitoring Tools & Software

- Overview of project management software applications
- Real-time dashboards and automated monitoring systems
- Integration of monitoring tools with planning processes
- Customizing reports for project stakeholders
- Data-driven decision making in project execution
- Case Study: Implementation of PM software in a multi-location project

Module 9: Corrective Action & Change Management

- Identifying performance gaps and issues
- Developing corrective action plans
- Integrating change management into project execution
- Monitoring implementation of corrective measures
- Aligning corrective actions with strategic objectives
- Case Study: Change management in a corporate IT project

Module 10: Stakeholder Communication & Reporting

- Effective communication channels for project stakeholders
- Reporting formats and frequency for different audiences
- Integrating monitoring data into executive reports
- Feedback mechanisms for performance improvement
- Stakeholder engagement during deviations
- Case Study: Communication strategy in a government project

Module 11: Multi-Project Coordination & Resource Management

- Managing dependencies across multiple projects
- Resource allocation and optimization techniques
- Monitoring cross-project impacts and priorities
- Collaborative tools for multi-project management
- Addressing conflicts in resource scheduling
- Case Study: Resource conflicts in a construction portfolio

Module 12: Project Governance & Accountability

- Governance frameworks for project execution
- Defining roles, responsibilities, and decision rights
- Escalation procedures for execution issues
- Monitoring compliance with governance policies
- Reporting and accountability mechanisms
- Case Study: Governance lessons from a public infrastructure project

Module 13: Lessons Learned & Continuous Improvement

- Capturing insights from project successes and failures
- Knowledge management practices for future projects
- Applying lessons learned to project templates
- Implementing continuous improvement cycles
- Sharing best practices within the organization
- Case Study: Continuous improvement in a healthcare project

Module 14: Advanced Project Monitoring Techniques

- Predictive analytics for project performance
- Trend analysis and forecasting techniques
- Integrating KPIs, dashboards, and predictive models
- Advanced monitoring for high-risk projects
- Scenario analysis for decision support
- Case Study: Predictive monitoring in a technology rollout

Module 15: Integration of Project Control with Strategic Objectives

- Aligning project monitoring with organizational strategy
- Linking execution metrics to corporate performance indicators
- Strategic resource planning and prioritization
- Reporting strategic alignment to senior management
- Ensuring sustainability of project control practices
- Case Study: Strategic project control in a multi-national corporation

Training Methodology

- Instructor-led presentations and conceptual briefings
- Hands-on exercises using project monitoring tools and software
- Group case study discussions and practical problem-solving
- Simulations and scenario-based learning for decision-making
- Collaborative workshops on variance analysis and corrective actions
- Continuous assessment, interactive feedback, and reflection 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
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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