



PMI TRAINING

It Project Management Course

Master IT project lifecycles, scope, and risk management following PMI principles. Lead successful IT projects from initiation to closure.

DURATION

16 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This Intermediate IT Project Management Course, aligned with PMI principles, is meticulously designed for technology professionals aiming to master the art and science of leading successful IT initiatives. You will delve into comprehensive project lifecycle management, from initiation and planning to execution, monitoring, control, and closure, specifically tailored for the dynamic landscape of information technology. The course emphasizes best practices, industry standards, and agile methodologies crucial for delivering complex software development, infrastructure upgrades, and digital transformation projects on time, within budget, and to stakeholder satisfaction. Participants will gain practical skills in defining project scope, developing detailed schedules, managing resources efficiently, mitigating risks, and ensuring robust quality assurance, all while leveraging modern IT project management tools and techniques. By understanding the core technologies and processes that drive IT projects, you will be equipped to navigate challenges inherent in tech-centric environments. This training provides a solid foundation for career advancement, enhancing your ability to contribute significantly to organizational goals through effective project leadership. Upon completion, you will not only be proficient in orchestrating intricate IT projects but also adept at fostering collaborative team environments and communicating effectively with technical and non-technical stakeholders alike. This skill set is invaluable for driving innovation and ensuring strategic alignment in today's fast-paced digital world.

Duration	16 hours
Level	Intermediate
Vendor	PMI

COURSE CURRICULUM

01 Module 1: Foundations of IT Project Management and PMI Principles

- Introduction to Project Management in the IT Sector
- Overview of PMI's Project Management Body of Knowledge (PMBOK® Guide)
- Understanding Project Life Cycles: Predictive, Adaptive, and Hybrid Approaches
- The Role and Responsibilities of an IT Project Manager
- Organizational Structures and Their Impact on IT Projects
- Project Governance and the Project Management Office (PMO) in IT

02 Module 2: Project Planning and Scope Management for IT

- Developing the Project Charter for Technology Initiatives
- Stakeholder Identification and Analysis in IT Projects
- Defining and Managing Project Scope (Scope Statement, WBS)
- Requirements Elicitation and Management for Software and Systems
- Agile Planning: Epics, User Stories, and Backlog Management
- Validation and Control of Project Scope in IT Environments

03 Module 3: Schedule, Cost, and Resource Management in IT Projects

- Activity Definition, Sequencing, and Estimation Techniques (PERT, Three-Point)
- Developing and Optimizing IT Project Schedules (Gantt Charts, Critical Path Method)
- Cost Estimation and Budgeting for Technology Resources
- Earned Value Management (EVM) for IT Project Control
- Resource Planning, Acquisition, and Team Development for IT Professionals
- Managing Virtual and Distributed IT Project Teams

Module 4: Risk, Quality, and Communications Management in IT

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- Identifying, Analyzing, and Prioritizing Risks specific to IT Projects
 - Developing and Implementing Risk Response Strategies
 - Quality Planning and Assurance for Software Development and IT Solutions
 - Effective Communication Planning and Stakeholder Engagement Strategies
 - Managing Project Communications and Information Distribution
 - Conflict Resolution and Negotiation Skills for IT Project Managers

05 **Module 5: Procurement, Integration, and Professional Conduct**

- Planning and Managing IT Procurement Processes
- Contract Types and Administration in Technology Acquisitions
- Project Integration Management: Coordinating All Project Aspects
- Managing Project Changes and Configuration Control in IT Systems
- Project Closure: Administrative and Contractual
- PMI Code of Ethics and Professional Conduct in IT Project Management

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **IT Project Manager (specializing in software development, infrastructure, or cybersecurity projects)**
- > **Agile Project Lead/Scrum Master (guiding agile teams in IT product delivery)**
- > **Technical Program Manager (overseeing multiple interconnected IT projects and initiatives)**

FREQUENTLY ASKED QUESTIONS

Q: What specific methodologies and frameworks will I master in this IT Project Management Course that are most relevant to current tech industry demands?

This course provides a robust foundation in both predictive (waterfall) and adaptive (agile, scrum) methodologies, emphasizing hybrid approaches commonly used in the tech industry. You will master techniques from the PMI PMBOK® Guide, learn practical agile concepts like sprint planning and backlog management, and understand how to integrate these for optimal project delivery in IT environments. We focus on frameworks that equip you to manage projects ranging from traditional system implementations to rapid software development cycles.

Q: How does this course specifically prepare me for managing complex software development or infrastructure projects, and what practical tools will I learn to use?

This course specifically addresses the unique challenges of software development and infrastructure projects by incorporating relevant case studies and examples. You will learn to define clear requirements for software, manage technical dependencies, oversee vendor relations for infrastructure, and control scope creep common in IT. Practically, you will gain proficiency in using tools and techniques for Work Breakdown Structures (WBS), Critical Path Method (CPM) scheduling, Earned Value Management (EVM) for tracking progress, and risk registers, all essential for successful complex IT project execution. While we won't teach specific software like Jira or MS Project, the underlying principles you learn are directly transferable to any industry-standard PM tool.

Q: What are the typical prerequisites or recommended experience levels for participants to get the most out of this Intermediate IT Project Management Course?

As an Intermediate-level course, participants are expected to have a foundational understanding of project management

concepts or some practical experience working on projects within an IT context. Ideally, you should have 1-2 years of experience in a project team role (e.g., business analyst, developer, team lead, or junior project coordinator) or have completed an introductory project management course. This background will enable you to fully engage with the advanced topics and practical scenarios covered, allowing for a deeper application of the learned principles to real-world IT project challenges.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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