



PMI TRAINING

# Project Management For It Professionals

*Master project management principles tailored for IT, ensuring successful delivery of complex tech initiatives.*

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DURATION

**24 Hours**

LEVEL

**Intermediate**

FORMAT

**Instructor-Led**

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- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | [www.computer-pride.co.ke](http://www.computer-pride.co.ke)

## COURSE OVERVIEW

The "Project Management For IT Professionals" course, developed in alignment with PMI principles, is meticulously designed to equip IT personnel, team leads, and aspiring project managers with the essential skills and methodologies required to successfully initiate, plan, execute, monitor, control, and close IT projects. This intermediate-level program bridges the gap between general project management theory and the unique complexities inherent in information technology environments, covering everything from software development lifecycles to infrastructure upgrades and digital transformation initiatives. Participants will gain a robust understanding of how to apply industry best practices to manage scope, schedule, budget, resources, and risks specific to technology-driven projects, ensuring alignment with organizational strategic objectives.

Through this highly engaging curriculum, you will master core technologies and frameworks such as Agile, Scrum, and Waterfall, learning when and how to apply each effectively to diverse IT challenges. The course emphasizes practical application, providing tools and techniques to navigate rapidly evolving technical requirements, stakeholder expectations, and team dynamics. By completing this certification, you will not only enhance your project delivery capabilities but also significantly boost your career trajectory, enabling you to lead complex IT initiatives with confidence, mitigate common project pitfalls, and consistently deliver high-value outcomes within the dynamic ICT landscape.

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|----------|--------------|
| Duration | 24 Hours     |
| Level    | Intermediate |
| Vendor   | PMI          |

## COURSE CURRICULUM

### 01 Module 1: Foundations of IT Project Management

- Introduction to Project Management Body of Knowledge (PMBOK) for IT
- Understanding the Role of an IT Project Manager
- Project Lifecycle in IT Environments (e.g., SDLC)
- Key IT Project Methodologies: Waterfall vs. Agile Overview
- Stakeholder Identification and Analysis in IT Projects

### 02 Module 2: Project Planning & Scope Management for IT

- Defining IT Project Scope and Requirements Gathering Techniques
- Creating Work Breakdown Structures (WBS) for IT Deliverables
- Cost Estimation and Budgeting Strategies for IT Initiatives
- Activity Sequencing and Schedule Development for Software/Hardware Projects
- Resource Planning for IT Teams, Infrastructure, and Software

### 03 Module 3: Agile and Hybrid Approaches in IT Project Management

- Agile Principles and Mindset for IT Development
- Scrum Framework: Roles, Ceremonies, and Artifacts in Practice
- Kanban and Lean Principles for Optimizing IT Workflow
- Scaling Agile in Enterprise IT Environments (e.g., SAFe basics)
- Implementing Hybrid Methodologies (combining traditional and agile for IT)

### 04 Module 4: Risk, Quality, and Communication in IT Projects

- Identifying and Assessing Risks Unique to IT Projects (e.g., security, integration)

- Developing Risk Mitigation Strategies for Technology Dependencies
- IT Project Quality Management and Assurance Techniques
- Effective Communication Planning for Technical and Non-Technical Stakeholders
- Conflict Resolution and Team Motivation in IT Project Teams

## 05 Module 5: Project Execution, Monitoring, and Control

- Leading and Managing Diverse IT Project Teams
- Procurement Management for IT Vendors, Software, and Services
- Tracking Progress and Performance using IT-specific metrics (e.g., burn-down charts)
- Managing Change Requests and Scope Creep in IT Projects
- Reporting and Performance Reviews for IT Project Status

## 06 Module 6: Project Closure and Professional Responsibility

- Formal Project Closure Procedures for IT Initiatives
- Capturing Lessons Learned and Knowledge Transfer in IT Departments
- Contract Closure for IT Vendors and Service Providers
- Ethical Considerations and Professional Conduct in IT Project Management
- Continuous Improvement and Career Development Pathways

## CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **IT Project Manager**
- > **Technical Program Manager**
- > **Scrum Master / Agile Project Lead**

## FREQUENTLY ASKED QUESTIONS

### **Q: What specific challenges unique to IT projects does this course prepare participants to overcome?**

This course delves into common IT project pitfalls such as rapidly changing technology requirements, managing technical debt, integrating complex systems, and securing data. You'll learn strategies for effective scope management in dynamic environments, risk mitigation for technology dependencies, and leading diverse technical teams to successful outcomes, ensuring projects stay aligned with business goals amidst technological shifts.

### **Q: Is prior experience in IT required to effectively participate in and benefit from this Project Management course?**

While the course is tailored for IT professionals, a foundational understanding of IT concepts or general project experience is beneficial but not strictly mandatory. The curriculum is designed to bridge project management theory with practical IT applications, making it accessible to those looking to transition into IT project roles, current IT professionals aiming for leadership, or project managers seeking to specialize in the IT domain.

### **Q: How does this course integrate modern methodologies like Agile and Scrum, which are prevalent in IT development, with traditional PMI principles?**

This course emphasizes a balanced approach, beginning with core PMI (Project Management Institute) principles for

structured planning and control. It then extensively covers Agile and Scrum frameworks, demonstrating how to apply these iterative methodologies effectively within IT projects. Participants will learn to leverage hybrid models, combining the strengths of both traditional and agile approaches to suit varying IT project complexities and stakeholder needs, ensuring adaptability and efficiency in the modern IT landscape.

## 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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