BLACKBIRD FOR TRAINING

IT Project Management

27 September – 1 October 2027
Kigali (Rwanda)



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Introduction

In the rapidly evolving landscape of technology, IT project management stands as a critical skill for ensuring project success and organizational growth. Managing IT projects requires a unique blend of technical knowledge, strategic thinking, and leadership skills. This course, “Advanced IT Project Management”, is designed to equip participants with the expertise needed to navigate the complexities of IT projects effectively.

Through case studies, role-plays, and interactive group exercises, participants will gain insights into the lifecycle of IT projects, from initiation to closeout. The course also incorporates pre-and post-testing to ensure comprehensive learning and measurable outcomes. Whether you are new to the field or seeking to advance your skills, this course offers a structured approach to mastering IT project management.

Course Objectives

By the end of this course, participants will be able to:

- Understand what IT project management is and the methodologies it employs.
- Apply advanced IT project management techniques to ensure project success.
- Develop a robust business case for IT projects, ensuring justification and feasibility.
- Master IT project manager skills needed to align project objectives with stakeholder needs.
- Gain proficiency in both predictive and agile methodologies for IT project planning and execution.
- Execute key activities across the project lifecycle, including design, implementation, and delivery.
- Understand the duties and responsibilities of an IT project manager during various project phases.
- Prepare for industry-recognized IT project management certifications to enhance career growth.

Course Outlines

Day 1: Overview of IT Project Management



- What is IT project management?
- Differences between IT projects and other types of projects.
- Common risks in IT project management.
- Understanding the system development life cycle SDLC.
- Exploration of models:
    - Waterfall model
    - Incremental model
    - Basic iterative model
    - Agile development model

Day 2: Project Concept

- Developing a compelling business case.
- Identifying and engaging stakeholders effectively.
- Establishing conceptual solutions for IT projects.
- Crafting a comprehensive project charter.
- Gathering and analyzing requirements:
    - Functional requirements
    - Technical requirements
    - Techniques for prioritizing and documenting requirements.

Day 3: Project Planning

- Building an effective work breakdown structure WBS.
- Conducting critical path analysis.
- Utilizing tools like Gantt charts for timeline visualization.
- Mastering agile project planning:
    - Developing a product roadmap.
    - Planning releases and iterations.
- Implementing risk management and disaster recovery planning.

Day 4: Project Design

- Crafting preliminary designs and IT solution prototypes.
- Evaluating design criteria and exploring alternatives:
    - Build vs. buy vs. outsource decisions.
- Ensuring alignment with organizational goals and technical needs.



Day 5: Project Implementation and Delivery

- Managing and motivating the project team effectively.
- Ensuring thorough system testing and acceptance testing.
- Implementing change management strategies.
- Developing a delivery conversion strategy and “go-live” processes.
- Finalizing the project with a structured project closeout.

Why Attend this Course? Wins & Losses!

- Gain in-depth knowledge of IT project management principles and methodologies.
- Learn the skills required for IT project managers to manage resources, risks, and timelines effectively.
- Understand the nuances of agile project management and how to apply them in real-world scenarios.
- Build proficiency in tools and techniques, such as critical path analysis and product roadmaps.
- Develop leadership capabilities aligned with the IT project manager’s responsibilities.
- Prepare for industry certifications like IT project management certifications, boosting your career prospects.

Conclusion

This IT project management course is designed to bridge the gap between theory and practice, ensuring participants are well-equipped to manage IT projects in today’s dynamic environment. By focusing on real-world applications, this course provides the foundation for mastering the art and science of IT project management.

Whether you’re aspiring to become an IT project manager or looking to refine your existing skills, this course offers the insights and tools to achieve your goals. Empower yourself with the knowledge of what IT project management is, explore IT project management certifications, and unlock your potential as a leader in this ever-evolving field. Join us and take the first step toward mastering IT project management!

