Network Project Management for Training towards IT Manager Position Training Course

14 - 18 Dec 2026

Cape town

4600 € (Per Person)

Ref: #NO6038_264144

Course Introduction / Overview:

This comprehensive training course is designed for IT professionals aspiring to transition into management roles by mastering network project management. In the rapidly evolving technology landscape, a technical background alone is not enough to lead successful projects. This course bridges the gap between technical expertise and strategic leadership, focusing on the unique challenges of managing network infrastructure projects. Participants will gain a deep understanding of the entire network project lifecycle, from initial planning and resource allocation to risk management and stakeholder communication. We will explore key methodologies like Agile and Waterfall, applying them to real-world network deployment, migration, and upgrade scenarios. The curriculum is built on foundational project management principles, drawing on the work of academics like Harold Kerzner and his book "Project Management: A Systems Approach to Planning, Scheduling, and Controlling." This program, offered by BIG BEN Training Center, emphasizes the practical application of project management concepts to ensure network projects are delivered on time, within budget, and to a high standard. By the end of this course, you will be equipped with the skills needed to lead a team effectively and steer complex network initiatives to a successful conclusion, preparing you for a future as an IT manager.

Target Audience / This training course is suitable for:

- Senior network engineers and administrators.
- IT team leads and supervisors.
- Aspiring IT managers.
- Project managers in the technology sector.
- Systems architects.
- Technical consultants.
- Professionals seeking to advance their careers in IT management.

Target Sectors and Industries:

- Information Technology (IT) and software development.
- Telecommunications and internet service providers.
- Financial services and banking.
- Healthcare and medical technology.
- Government agencies and defense.
- Manufacturing and engineering.
- Education and research.

Target Organizations Departments:

- IT and Network Operations.
- Project Management Office (PMO).
- Technology and Systems Integration.
- Infrastructure and Cloud Services.
- Research and Development.
- Corporate Strategy.
- Service Delivery.

Course Offerings:

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

- Plan and execute network projects using established methodologies.
- Effectively manage project scope, schedule, and budget.
- Identify and mitigate risks associated with network infrastructure projects.
- Develop strong leadership and team management skills for IT teams.
- Communicate effectively with technical and non-technical stakeholders.
- Master resource allocation and capacity planning for network projects.
- Transition from a technical expert to a strategic project manager.

Course Methodology:

The training methodology for this course is centered on a blend of theoretical knowledge and practical application, ensuring that participants can confidently apply project management principles to network-specific challenges. At BIG BEN Training Center, we use a mix of instructor-led sessions, interactive group discussions, and case studies based on real-world network project failures and successes. Participants will work on a simulated network project, from initiation to closure, allowing them to practice creating project charters, risk registers, and communication plans. This hands-on approach is complemented by peer-to-peer feedback sessions and constructive critiques from the instructor. The course encourages participants to share their own experiences and challenges, creating a collaborative learning environment. This methodology is designed to help technical experts think strategically and develop the managerial skills necessary for leadership roles, moving beyond the technical details to see the broader project goals.

Course Agenda (Course Units):

Unit One: Foundations of Network Project Management

- Introduction to project management principles.
- The network project lifecycle.
- Defining project scope and objectives.
- Creating a project charter and project plan.
- Identifying and managing project stakeholders.
- Introduction to project management tools.
- Case study: A small-scale network upgrade project.

Unit Two: Planning and Scheduling Network Projects

- Developing a work breakdown structure (WBS).
- Estimating project duration and cost.
- Creating a realistic project schedule.
- Resource planning and allocation.
- Managing dependencies and critical paths.
- Using Agile and Waterfall methodologies.
- Building a project budget.

Unit Three: Risk Management and Communication

- Identifying and analyzing project risks.
- Developing risk mitigation and contingency plans.
- Communication strategies for project teams and stakeholders.
- Managing expectations and reporting progress.
- Conflict resolution within project teams.
- Leading effective project meetings.
- Handling scope creep and change requests.

Unit Four: Project Execution and Quality Control

- Leading and motivating network teams.
- Monitoring project progress and performance.
- Implementing quality assurance in network projects.
- Testing and validation of network solutions.
- Managing vendor relationships and contracts.
- Ensuring project deliverables meet quality standards.
- Case study: A complex data center migration.

Unit Five: Project Closure and Transition to Management

- Formal project closure process.
- Post-implementation review and lessons learned.
- Transitioning from a project to a permanent operation.
- Developing leadership skills for IT managers.
- Building a personal career development plan.
- Strategic thinking for IT leaders.
- Final project presentation and evaluation.
- Frequently Asked Questions:

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

In what ways does the management of a network infrastructure project fundamentally differ from the management of a software development project, and what unique leadership skills are required as a result?

What unique qualities does this course offer compared to other courses?

This course stands out because it is specifically designed to equip technical professionals with the project management skills needed to become effective IT managers. Unlike generic project management training, this curriculum focuses on the distinct challenges and workflows of network infrastructure projects. It addresses the practical realities of managing hardware procurement, vendor timelines, and the complexities of network cutovers and migrations. The course goes beyond theoretical concepts by using network-specific case studies and a hands-on project simulation that allows participants to apply what they learn in a directly relevant context. We also place strong emphasis on developing soft skills, such as leadership, communication, and conflict resolution, which are crucial for transitioning from a technical role to a managerial one. This specialized approach ensures that participants do not just learn about project management but learn how to successfully lead network projects and teams, providing a clear pathway toward a leadership position in the IT field.