Strategic and Advanced IT Project Management Training Course



07 - 11 Dec 2026

Barcelona

5900 € (Per Person)

Ref: #IT8272_49203

Course Introduction / Overview:

Managing IT projects successfully is more complex than ever, requiring a blend of technical knowledge and strategic leadership. This Strategic and Advanced IT Project Management Training Course is designed to equip professionals with the advanced skills to lead complex IT projects to completion. The program provides a deep dive into strategic project planning, risk management, stakeholder communication, and agile methodologies. We will explore how to manage large-scale IT initiatives, from software development to infrastructure upgrades, and ensure that they deliver measurable business value. Participants will learn how to navigate common project pitfalls, manage budgets effectively, and build a high-performing project team. The course is also grounded in the principles outlined in "The Mythical Man-Month: Essays on Software Engineering" by Frederick Brooks Jr., which provides classic insights into managing complex software projects. BIG BEN Training Center believes that mastering advanced project management is essential for any organization aiming to accelerate innovation and achieve its strategic goals.

Target Audience / This training course is suitable for:

- IT Project Managers.
- Program and Portfolio Managers.
- IT Directors and Team Leaders.
- Agile Practitioners.
- Business Analysts.
- Senior IT Professionals.

Target Sectors and Industries:

- Technology and software.
- Financial services.
- Telecommunications.
- Manufacturing.
- Government agencies and public sector.
- Consulting and professional services.

Target Organizations Departments:

- Project Management Office (PMO).
- Information Technology.
- Software Development.
- Operations.
- Strategic Planning.
- Business Management.

Course Offerings:

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

- Lead complex IT projects from initiation to closure.
- Apply advanced planning and risk management techniques.
- Manage project budgets and resources effectively.
- Communicate with and manage project stakeholders.
- Implement agile and hybrid project methodologies.
- Measure project performance using key metrics.
- Build and lead a high-performing project team.

Course Methodology:

The training methodology for this course at BIG BEN Training Center is highly practical and focused on hands-on application. We use a combination of detailed case studies, collaborative workshops, and interactive sessions to simulate real-world project challenges. Participants will engage in exercises where they will practice developing a project charter, creating a risk management plan, and managing project scope changes. The course encourages peer-to-peer learning and knowledge sharing, allowing attendees to discuss best practices and common pitfalls. This approach ensures that participants can confidently apply the principles of advanced project management in their professional roles, preparing them to lead complex projects with confidence.

Course Agenda (Course Units):

Unit One: Strategic IT Project Planning.

- The role of the IT Project Manager.
- Aligning projects with business strategy.
- Advanced project planning techniques.
- Stakeholder analysis and management.
- Developing a project charter.
- The business case for IT projects.
- Managing project portfolios.

Unit Two: Advanced Project Execution and Control.

- Managing project scope and requirements.
- Effective resource and capacity planning.
- Budgeting and cost control for IT projects.
- Project monitoring and performance measurement.
- Advanced scheduling and timeline management.
- Change control processes.
- Report on project status.

Unit Three: Risk and Quality Management.

- Identifying and assessing project risks.
- Developing a comprehensive risk mitigation plan.
- Managing project issues and dependencies.
- The principles of quality assurance.
- Implementing quality control measures.
- Metrics for project success.
- Post-project review and lessons learned.

Unit Four: Leading Agile and Hybrid Projects.

- The principles of Agile and Scrum.
- Managing Agile IT projects.
- Combining Agile and traditional methods.
- Leading and motivating an Agile team.
- Iterative development and sprints.
- Managing requirements in an Agile environment.
- Scaling Agile for large organizations.

Unit Five: Leadership and Communication.

- The communication plan for IT projects.
- Managing difficult stakeholders.
- Conflict resolution and negotiation.
- Building a high-performing project team.
- The emotional intelligence of a project manager.
- Mentoring and coaching team members.
- The future of IT project management.

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 a rapidly changing technological landscape, how can IT project managers balance the need for agile flexibility with the requirements for structured planning and governance?

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

This training course provides a comprehensive and strategic approach to IT project management that goes beyond the basic principles. While other programs may focus on a single methodology or tool, this curriculum integrates both traditional and agile approaches, preparing professionals for the complexities of modern IT projects. We emphasize the critical role of leadership, communication, and strategic alignment, using real-world case studies to illustrate how to navigate project challenges. The course moves beyond theory to provide practical skills in all key areas, from risk management to stakeholder communication. BIG BEN Training Center's approach is to empower attendees to become strategic leaders who can successfully deliver IT projects that create tangible business value.