Digital Project Management and IS Implementation Training Course



23 - 27 Nov 2026

Cape town

4600 € (Per Person)

Ref: #PRM7509_280379

Course Introduction / Overview:

This course provides a comprehensive framework for navigating the complexities of modern digital projects, with a specific focus on the successful implementation of information systems. In today's technology-driven landscape, the ability to manage digital initiatives and deploy new systems effectively is a critical organizational capability. This program bridges the gap between traditional project management principles and the unique challenges of the digital realm, including rapid technological change, evolving user expectations, and the need for agile adaptation. Drawing on foundational concepts from experts like Harold Kerzner in his seminal work, "Project Management: A Systems Approach to Planning, Scheduling, and Controlling," the course integrates proven methodologies with contemporary best practices. Participants will explore the entire information system implementation lifecycle, from initial requirements gathering and system design to data migration, user acceptance testing, and post-launch support. BIG BEN Training Center has designed this curriculum to be intensely practical, equipping attendees with the tools, techniques, and strategic mindset required to lead digital transformation projects, minimize implementation risks, and deliver tangible business value through technology.

Target Audience / This training course is suitable for:

- Project Managers and Project Leaders.
- IT Managers and IT Professionals.
- Information Systems Managers.
- Business Analysts and Systems Analysts.
- Implementation Consultants and Specialists.
- Operations Managers involved in technology projects.
- Team Leaders overseeing digital transformation initiatives.
- Professionals aspiring to a career in IT project management.

Target Sectors and Industries:

- Information Technology and Telecommunications.
- Banking, Finance, and Insurance Services.
- Healthcare and Pharmaceutical sectors.
- Governmental bodies and Public Sector agencies.
- Retail and E-commerce.
- Manufacturing and Engineering.
- Consulting and Professional Services.
- Education and Research Institutions.

Target Organizations Departments:

- Information Technology (IT) Department.
- Project Management Office (PMO).
- Operations and Business Process Management.
- Finance and Accounting Departments (for ERP/Financial Systems).
- Human Resources (for HRIS implementation).
- Customer Relationship Management (CRM) Teams.
- Strategy and Business Development Units.

Course Offerings:

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

- Develop a comprehensive project charter and scope statement for an IS implementation.
- Apply both Agile and Waterfall methodologies to digital project management scenarios.
- Conduct effective stakeholder analysis and create robust communication plans.
- Master techniques for requirements gathering, analysis, and validation for information systems.
- Evaluate and manage risks associated with digital projects and system deployments.
- Oversee the system development lifecycle, including design, testing, and integration phases.
- Plan and execute data migration and system cutover strategies with minimal disruption.
- Lead organizational change management efforts to ensure user adoption and system success.
- Develop key performance indicators (KPIs) to measure project success and system ROI.
- Conduct post-implementation reviews to capture lessons learned for future projects.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be immersive, interactive, and directly applicable to real-world challenges. We move beyond theoretical lectures to foster a dynamic learning environment where participants actively engage with the course material. The program is built upon a foundation of expert-led instruction, interactive presentations, and detailed case studies derived from actual digital project and IS implementation scenarios. A significant portion of the course is dedicated to hands-on workshops and practical exercises, allowing participants to apply concepts like risk assessment, project scheduling, and stakeholder mapping in a controlled setting. Collaborative group discussions and team-based problem-solving activities are central to our approach, encouraging the sharing of diverse experiences and perspectives. Participants will receive continuous, constructive feedback from the instructor and their peers, ensuring a deep and practical understanding of the subject matter. This blended learning approach ensures that attendees not only grasp the concepts but also build the confidence to implement them effectively within their own organizations.

Course Agenda (Course Units):

Unit One: Foundations of Digital Project and IS Management

- Introduction to Digital Project Management.
- The Role of Information Systems in Modern Organizations.
- Contrasting Digital Projects with Traditional Projects.
- The Project Management Lifecycle and Process Groups.
- Key Concepts of Systems Analysis and Design.
- Understanding the IS Implementation Lifecycle.
- Introduction to Agile, Scrum, Kanban, and Waterfall Methodologies.

Unit Two: Project Initiation and Strategic Planning

- Defining Project Goals and Objectives for IS Implementation.
- Conducting Feasibility Studies (Technical, Economic, Operational).
- Developing the Project Charter and Business Case.
- Identifying and Analyzing Project Stakeholders.
- Advanced Requirements Gathering Techniques for Information Systems.
- Defining and Managing Project Scope and Creating the WBS.
- Initial Risk Identification and Assessment.

Unit Three: Agile Execution and Project Control

- Applying Agile Principles to IS Projects.
- Managing Sprints, Backlogs, and User Stories in Scrum.
- Monitoring and Controlling Project Work and Progress.
- Techniques for Managing Project Budgets and Resources.
- Developing and Implementing a Project Communication Plan.
- Quality Assurance and Control in a Digital Context.
- Managing Project Teams and Fostering Collaboration.

Unit Four: Core IS Implementation Processes

- Vendor and Software Selection Strategies.
- System Design and Architecture Considerations.
- Managing System Development and Customization.
- Data Migration Planning and Execution Strategies.
- System Integration and Interface Management.
- Developing and Executing a User Acceptance Testing (UAT) Plan.
- Ensuring Cybersecurity and Data Privacy during Implementation.

Unit Five: Deployment, Change Management, and Closure

- Planning for System Go-Live and Deployment.
- Leading Organizational Change Management for User Adoption.
- Developing and Delivering Effective User Training Programs.
- Establishing Post-Implementation Support and Helpdesk Functions.
- Performance Monitoring and Benefits Realization.
- Formal Project Closure and Handover to Operations.
- Conducting a Post-Implementation Review and Documenting Lessons Learned.

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:

How can project managers effectively balance the rigid requirements of information system security and compliance with the flexibility and iterative nature of Agile methodologies?

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

This course distinguishes itself by offering a unique and integrated synthesis of two critical, yet often separately taught, disciplines: digital project management and information systems implementation. While many programs focus on one or the other, this curriculum recognizes that modern project success hinges on the seamless fusion of both. We move beyond generic project management theory to address the specific nuances of technology-driven projects, such as managing intangible deliverables, navigating rapid development cycles, and mitigating cybersecurity risks. The course places a strong emphasis on the human and organizational aspects of technological change, dedicating significant time to change management, stakeholder engagement, and user adoption strategies, which are frequently the root cause of IS project failure. Rather than just teaching how to use a particular software tool, our approach focuses on developing strategic thinking and a versatile methodological toolkit. Participants learn not just the "how" of Agile or Waterfall, but the "why" and "when," enabling them to select and adapt the best approach for any given IS implementation scenario. This holistic perspective, combining technical process with strategic leadership, equips participants with a comprehensive and highly practical skill set.