Healthcare Project Management and Implementation Training Course



25 - 29 Oct 2026

Amman

3800 € (Per Person)

Ref: #HSM2656_227089

Course Introduction / Overview:

This comprehensive training course provides a specialized framework for managing projects within the complex and highly regulated healthcare sector. Unlike generic project management programs, this course is meticulously designed to address the unique challenges and intricacies of healthcare initiatives, from electronic health record (EHR) implementations to new clinical service line launches and quality improvement projects. Participants will delve into the complete healthcare project lifecycle, mastering the tools and techniques necessary for successful planning, execution, and implementation. Drawing upon established principles from authorities like Harold Kerzner and his seminal work, "Project Management: A Systems Approach to Planning, Scheduling, and Controlling," the curriculum integrates core project management knowledge with critical healthcare-specific considerations such as regulatory compliance, patient safety protocols, and intricate stakeholder management involving clinicians, administrators, and patients. BIG BEN Training Center has developed this program to empower professionals to lead projects that not only meet budget and timeline constraints but also enhance patient care and organizational efficiency. This course equips attendees with the practical skills to navigate the demanding healthcare environment, ensuring projects are delivered successfully and contribute tangible value to the organization and its patients.

Target Audience / This training course is suitable for:

- Healthcare Project Managers.
- Hospital and Clinic Administrators.
- Clinical Department Heads and Team Leaders.
- Healthcare IT Professionals and Analysts.
- Quality Improvement Specialists.
- Pharmaceutical and Medical Device Project Leads.
- Public Health Program Managers.
- Healthcare Consultants.
- Clinical Research Coordinators.
- Nursing and Physician Leaders involved in projects.

Target Sectors and Industries:

- Hospitals and Healthcare Systems.
- Pharmaceutical and Biotechnology Companies.
- Medical Device Manufacturing.
- Health Insurance Providers.
- Public Health Organizations.
- Governmental Health Agencies and Ministries.
- Clinical Research Organizations (CROs).
- Healthcare IT and Software Vendors.
- Long-Term Care Facilities.
- Management Consulting Firms specializing in healthcare.

Target Organizations Departments:

- Project Management Office (PMO).
- Information Technology (IT).
- Clinical Operations and Services.
- Quality Management and Patient Safety.
- Administration and Finance.
- Strategy and Business Development.
- Research and Development (R&D).
- Regulatory Affairs and Compliance.
- Facilities Management.
- Human Resources.

Course Offerings:

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

- Develop a comprehensive project charter tailored to healthcare initiatives.
- Define project scope and objectives clearly to avoid scope creep in a clinical setting.
- Conduct thorough stakeholder analysis to manage the diverse needs of clinicians, patients, and administrators.
- Create a realistic work breakdown structure (WBS) for complex healthcare projects.
- Apply effective scheduling and cost estimation techniques within healthcare budget constraints.
- Implement risk management strategies focused on patient safety, data privacy, and regulatory compliance.
- Lead and motivate multidisciplinary project teams in a healthcare environment.
- Execute robust monitoring and control processes to ensure project success.
- Manage the unique challenges of healthcare project implementation and change management.
- Conduct effective project closeout and post-implementation reviews to capture lessons learned.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be highly interactive, experiential, and directly applicable to the participant's professional environment. This course moves beyond theoretical lectures to immerse attendees in the practical realities of healthcare project management. A cornerstone of our approach is the extensive use of real-world case studies, such as navigating an EHR system upgrade, launching a new telemedicine service, or managing a clinical trial. Participants will work in collaborative teams on hands-on exercises and simulations that mirror the project lifecycle, from initial scoping to final implementation. These activities facilitate a deep understanding of concepts like risk mitigation in patient care and stakeholder communication planning. The sessions will feature facilitated group discussions, allowing for the exchange of diverse experiences and perspectives. Our expert instructors provide continuous, constructive feedback, ensuring that participants can confidently apply the learned methodologies and tools to their own projects. The emphasis is on building practical skills and a strategic mindset, empowering attendees to lead healthcare projects with greater efficiency, compliance, and success upon returning to their organizations.

Course Agenda (Course Units):

Unit One: Foundations of Project Management in the Healthcare Context

- Introduction to healthcare project management principles.
- The unique characteristics of the healthcare environment.
- Key stakeholders in healthcare projects (clinicians, administrators, patients, regulators).
- Understanding the healthcare project lifecycle.
- Ethical considerations and professional responsibility in healthcare projects.
- Overview of regulatory landscapes (e.g., HIPAA, GDPR).
- The role and competencies of a healthcare project manager.

Unit Two: Project Initiation and Strategic Planning

- Defining project goals and objectives in alignment with organizational strategy.
- Developing the healthcare project charter.
- Conducting feasibility studies and needs assessments.
- Techniques for effective scope definition and management.
- Creating a Work Breakdown Structure (WBS) for healthcare initiatives.
- Identifying and analyzing key project stakeholders.
- Initial risk identification for clinical and operational projects.

Unit Three: Detailed Project Planning and Scheduling

- Developing a comprehensive project management plan.
- Estimating project timelines and durations.
- Activity sequencing and network diagrams (PERT/CPM).
- Resource planning and allocation for clinical and non-clinical staff.
- Budgeting and cost estimation in a healthcare setting.
- Developing a robust communication plan for diverse audiences.
- Planning for quality management and patient safety.

Unit Four: Project Execution, Monitoring, and Control

- Executing the project plan and directing project work.
- Managing multidisciplinary project teams effectively.
- Implementing quality assurance and control measures.
- Monitoring project performance using key metrics.
- Integrated change control in a dynamic healthcare environment.
- Managing project risks, issues, and dependencies.
- Effective status reporting and communication with stakeholders.

Unit Five: Implementation, Closeout, and Advanced Topics

- Managing the project implementation and transition to operations.
- User acceptance testing and clinical validation.
- Strategies for effective change management and user adoption.
- Formal project closure procedures and administrative closeout.
- Conducting post-implementation reviews and capturing lessons learned.
- Introduction to Agile and Lean methodologies in healthcare.
- Future trends in healthcare 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:

Considering the inherent conflict between standardized project management frameworks and the dynamic, patient-centric nature of healthcare, how can a project manager effectively balance process rigidity with clinical flexibility to ensure both project success and optimal patient outcomes?

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

This course distinguishes itself by moving beyond generic project management theory to provide a deeply contextualized learning experience tailored specifically for the healthcare industry. While other programs may teach standard methodologies, this training course focuses on their practical application within the unique ecosystem of healthcare, where patient safety, regulatory compliance, and complex stakeholder dynamics are paramount. We explore how to adapt frameworks like PMBOK or Agile to scenarios such as a hospital-wide IT system implementation or a public health initiative, where the definition of "success" extends far beyond time and budget to include clinical efficacy and patient well-being. The curriculum is enriched with case studies drawn from real-world healthcare challenges, forcing participants to grapple with ethical dilemmas and intricate communication needs between clinical and administrative teams. Rather than just providing tools, the course cultivates a strategic mindset, enabling participants to anticipate and mitigate risks unique to the sector, such as data privacy breaches under HIPAA or challenges in clinical workflow adoption. This specialized focus ensures that graduates are not just certified project managers, but competent healthcare leaders capable of delivering value-driven outcomes in a high-stakes environment.