IT Asset Management and Lifecycle Cost Optimization Training Course



28 Dec 2026 - 01 Jan 2027

Cairo

3700 € (Per Person)

Ref: #IT3320_287733

Course Introduction / Overview:

This comprehensive course provides a deep dive into the critical discipline of IT Asset Management (ITAM) and its direct impact on lifecycle cost optimization. In today's technology-driven business environment, managing IT assets effectively is no longer just an operational task but a strategic imperative that influences financial performance, risk management, and business agility. This program is designed to equip participants with the knowledge and skills to implement and manage a robust ITAM framework that minimizes costs and maximizes value throughout the entire asset lifecycle, from procurement to disposal. Drawing upon established industry best practices, such as those detailed in the IAITAM Best Practice Library championed by experts like Barbara Rembiesa, this course moves beyond theory. At BIG BEN Training Center, we focus on the practical application of ITAM principles, enabling you to build a business case for ITAM, analyze Total Cost of Ownership (TCO), ensure software license compliance, and develop sustainable disposal strategies. Participants will leave with a clear roadmap for transforming their organization's approach to IT assets, turning a significant cost center into a source of strategic advantage and operational efficiency.

Target Audience / This training course is suitable for:

- IT Managers and Directors.
- IT Asset Managers and Analysts.
- Procurement and Sourcing Professionals.
- Finance Managers and Controllers involved in IT budgeting.
- IT Auditors and Compliance Officers.
- Service Desk and IT Support Managers.
- Infrastructure and Operations Managers.
- Project Managers responsible for technology deployments.

Target Sectors and Industries:

- Financial Services and Banking.
- Healthcare and Pharmaceuticals.
- Information Technology and Telecommunications.
- Manufacturing and Engineering.
- Retail and Consumer Goods.
- Government Agencies and Public Sector Organizations.
- Education and Research Institutions.
- Consulting and Professional Services.

Target Organizations Departments:

- Information Technology (IT) Department.
- Finance and Accounting Department.
- Procurement and Purchasing Department.
- Legal and Compliance Department.
- Internal Audit Department.
- Operations Management.
- Risk Management Department.

Course Offerings:

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

- Develop and implement a strategic ITAM framework aligned with business objectives.
- Master the principles of the IT asset lifecycle, from acquisition to retirement.
- Conduct thorough Total Cost of Ownership (TCO) analysis for IT investments.
- Implement effective Software Asset Management (SAM) to ensure license compliance and reduce costs.
- Establish robust processes for hardware asset tracking, monitoring, and inventory management.
- Mitigate risks associated with IT assets, including security, legal, and financial exposures.
- Formulate and execute secure and environmentally responsible asset disposal strategies.
- Optimize vendor contracts and relationships for better value and performance.
- Integrate ITAM with other frameworks like ITIL and IT Financial Management (ITFM).
- Generate insightful reports to support strategic decision-making regarding IT assets.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be immersive, interactive, and directly applicable to the participant's professional environment. We believe that adult learning is most effective when it combines expert knowledge with practical, hands-on experience. This course utilizes a blended approach, featuring expert-led presentations on core ITAM concepts, principles of lifecycle cost optimization, and industry best practices. These sessions are complemented by interactive group discussions and workshops, allowing participants to share challenges and solutions with their peers. A significant portion of the course is dedicated to analyzing real-world case studies, which demonstrate the successful implementation of ITAM strategies in various industries. Participants will engage in practical exercises, such as calculating TCO, developing an ITAM policy, and mapping an asset disposal process. This active learning approach ensures that participants not only understand the theory but can also confidently apply the learned techniques and strategies to drive tangible results and financial benefits within their own organizations upon their return. Continuous feedback and Q&A sessions are integral to the learning process.

Course Agenda (Course Units):

Unit One: Foundations of IT Asset Management (ITAM)

- The strategic importance of ITAM in modern organizations.
- Core components of ITAM: Hardware Asset Management (HAM) and Software Asset Management (SAM).
- Understanding the complete IT asset lifecycle stages.
- Key ITAM processes, policies, and procedures.
- The relationship between ITAM, ITIL, and IT Service Management (ITSM).
- Establishing an ITAM program: building the business case and securing stakeholder buy-in.
- Introduction to ITAM standards and frameworks like ISO/IEC 19770.

Unit Two: Strategic Procurement and Total Cost of Ownership (TCO)

- Aligning IT procurement with business and IT strategy.
- Developing effective IT acquisition and sourcing strategies.
- Understanding and negotiating software licensing agreements.
- Principles of effective IT vendor and contract management.
- Introduction to Total Cost of Ownership (TCO) analysis.
- Calculating TCO for hardware and software assets.
- Using TCO for better investment decisions and budget forecasting.

Unit Three: Software and Hardware Asset Management in Practice

- Best practices for software license management and compliance.
- Conducting internal software audits and preparing for vendor audits.
- Tools and technologies for software discovery and inventory.
- Implementing effective hardware asset tracking and inventory systems.
- Managing the lifecycle of mobile devices and other endpoints.
- Integrating physical and virtual asset management.
- Data center asset management strategies.

Unit Four: Financial Optimization and Risk Management in ITAM

- Developing and managing the IT asset budget.
- Identifying cost-saving opportunities throughout the asset lifecycle.
- Understanding depreciation methods for IT assets.
- Managing maintenance contracts and support renewals effectively.
- Identifying and mitigating ITAM-related risks (financial, operational, security).
- Ensuring data security during asset deployment and use.
- The role of ITAM in cybersecurity and incident response.

Unit Five: Asset Retirement, Sustainability, and Future ITAM Trends

- Developing a secure IT Asset Disposition (ITAD) policy.
- Best practices for data sanitization and destruction.
- Environmentally responsible disposal and recycling (Green IT).
- Managing asset remarketing and value recovery.
- The impact of cloud computing on ITAM (SaaS, IaaS, PaaS).
- Managing assets in the age of IoT and remote work.
- Measuring ITAM performance with Key Performance Indicators (KPIs) and metrics.

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 might the principles of a circular economy reshape traditional IT asset disposal strategies, and what are the implications for long-term lifecycle cost optimization?

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

This course distinguishes itself by adopting a holistic, business-centric approach to IT Asset Management, moving beyond the conventional focus on inventory and compliance. We emphasize the strategic alignment of ITAM with core business functions such as finance, risk management, and corporate strategy. Unlike programs that concentrate solely on specific tools or software, our curriculum is built on a foundation of universal principles and best practices, empowering participants with adaptable skills applicable across any technological environment. The course uniquely integrates financial acumen with technical asset management, dedicating significant time to Total Cost of Ownership (TCO) analysis, budget optimization, and value realization. Furthermore, we place a strong emphasis on the complete asset lifecycle, with dedicated modules on secure, sustainable, and profitable asset disposition—an often-overlooked area that holds significant financial and reputational risk. The learning experience is rooted in practical application, using real-world case studies and interactive workshops to ensure that participants can translate theoretical knowledge into actionable strategies that deliver measurable cost savings and operational efficiencies for their organizations.