



PHARMACEUTICAL AND MEDICAL INVENTORY MANAGEMENT TRAINING COURSE

19 - 23 OCT 2026

KUALA LUMPUR

5200 € (PER PERSON)

REF: #HOS4602_67945



COURSE INTRODUCTION / OVERVIEW:

Effective management of pharmaceutical and medical inventory is a critical component of patient safety, operational efficiency, and financial health in any healthcare setting. This training course is designed to provide healthcare professionals with specialized knowledge and skills to optimize their inventory systems. It goes beyond basic stockkeeping to focus on strategic purchasing, cost control, and ensuring a secure and compliant supply chain. We will delve into the intricacies of demand forecasting for pharmaceuticals, managing controlled substances, and implementing technology to track inventory from receipt to dispensing. The curriculum is informed by the foundational work of global experts like Philip Kotler, whose principles on supply chain management are highly relevant to the healthcare sector's unique needs. This program provides a clear blueprint for building a resilient and cost-effective inventory system that minimizes waste and prevents stock-outs of essential medicines and supplies. BIG BEN Training Center is committed to empowering professionals to navigate the complexities of pharmaceutical logistics, ensuring their organizations can provide safe and continuous care to their patients.

TARGET AUDIENCE / THIS TRAINING COURSE IS SUITABLE FOR:

- Pharmacy managers and pharmacists.
- Supply chain and inventory managers.
- Hospital administrators and operations managers.
- Procurement and purchasing officers.
- Clinical and nursing staff involved in medication management.
- Medical warehouse staff.
- Auditors and compliance officers.

TARGET SECTORS AND INDUSTRIES:

- Hospitals and hospital systems.
- Retail and community pharmacies.
- Pharmaceutical manufacturing companies.
- Medical device manufacturers.
- Third-party logistics providers (3PLs) in healthcare.
- Government health agencies.
- Long-term care and rehabilitation facilities.

TARGET ORGANIZATIONS DEPARTMENTS:

- Pharmacy and pharmaceutical services.
- Supply chain and logistics.
- Procurement and purchasing.
- Materials management.
- Finance and accounting.
- Operations.
- Compliance and quality assurance.



COURSE OFFERINGS:

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

- Formulate and execute a strategic plan for pharmaceutical inventory management.
- Master demand forecasting and inventory control techniques.
- Implement cost-saving measures and optimize purchasing.
- Ensure compliance with regulations for controlled substances and hazardous materials.
- Use technology to track and manage inventory in real time.
- Reduce waste and manage expired products effectively.
- Implement a recall management system.
- Improve the security of the pharmaceutical supply chain.

COURSE METHODOLOGY:

This training course uses a practical, hands-on methodology to ensure that participants gain real-world skills in pharmaceutical and medical inventory management. The program incorporates case studies of common inventory challenges and successful optimization strategies, allowing participants to analyze key decisions and their outcomes. We will use interactive workshops where participants can practice demand forecasting, perform cost-benefit analysis of different ordering models, and design a more efficient warehouse layout. BIG BEN Training Center believes in a hands-on approach, providing tools and templates that participants can use to improve their own inventory operations. The course also includes group projects focused on developing a full-scale inventory management plan for a fictional pharmacy. Our expert facilitators will guide discussions, provide personalized feedback, and help participants develop actionable plans that they can take back to their organizations to drive efficiency and reduce costs.

COURSE AGENDA (COURSE UNITS):

UNIT ONE: FOUNDATIONS OF PHARMACEUTICAL INVENTORY MANAGEMENT

- The unique challenges of managing pharmaceutical inventory.
- Defining key inventory metrics and KPIs.
- The link between inventory management and patient safety.
- Understanding demand forecasting.
- Technology's role in inventory tracking.

UNIT TWO: PURCHASING AND STRATEGIC SOURCING

- Developing a strategic sourcing plan.
- Vendor management and contract negotiation.
- Optimizing order quantities and reorder points.
- Group purchasing organizations and their role.
- Evaluating bids and selecting suppliers.



UNIT THREE: INVENTORY CONTROL AND STORAGE

- Mastering inventory control techniques (e.g., ABC analysis).
- Best practices for storing and handling pharmaceuticals.
- Managing controlled substances and high-value drugs.
- Cold chain management.
- Reducing waste and managing expired products.

UNIT FOUR: DISTRIBUTION AND LOGISTICS

- Inbound and outbound logistics for pharmaceuticals.
- Ensuring a secure supply chain.
- Recall management and traceability.
- The role of technology in distribution.
- Reverse logistics and waste disposal.

UNIT FIVE: FINANCIAL AND COMPLIANCE MANAGEMENT

- The financial impact of inventory decisions.
- Cost reduction strategies and budget management.
- Compliance with regulatory bodies (e.g., FDA).
- Using data analytics for performance improvement.
- The future of pharmaceutical supply chain.

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 pharmaceutical landscape, how can a pharmacy manager use advanced inventory management techniques to ensure the availability of life-saving medications while also minimizing financial risk and waste?

WHAT UNIQUE QUALITIES DOES THIS COURSE OFFER COMPARED TO OTHER COURSES?



This training course is a highly specialized program that focuses on the intricate and mission-critical field of pharmaceutical and medical inventory management, with a skill set far from generic logistics courses. Our curriculum is tailored to address the unique demands of healthcare, where the accuracy of inventory directly impacts patient care and safety. We go beyond theoretical overviews to provide a practical, hands-on learning experience through realistic case studies and interactive exercises. The course distinguishes itself by emphasizing the critical importance of compliance, security, and ethical considerations in managing controlled substances and high-value drugs. By focusing on both the technical aspects of inventory management and the strategic leadership required to build a resilient supply chain, this program provides an invaluable skill set that is essential for any professional committed to a high-performing and safe healthcare organization.