COURSE OVERVIEW LM0038
Inventory Planning & Controls Techniques

Course Title
Inventory Planning & Controls Techniques

Course Date/Venue
December 07-11, 2025/Tamra Meeting Room, Al Bandar Rotana Creek, Dubai, UAE

Course Reference
LM0038

Course Duration/Credits
Five days/3.0 CEUs/30 PDHs

Course Description

This practical and highly-interactive course includes various practical sessions and exercises. Theory learnt will be applied using our state-of-the-art simulators.

Inventory planning and control is a critical process within the Supply Chain Management (SCM) which ensures continuity of supply of the inventory at the lowest cost. Effective inventory planning will help the SCM team improve the accuracy of forecasts, ensure enough inventory levels at all times, and enhance profitability by optimizing the expenses. The control side of this process is to ensure that plans are being met and to take the necessary actions) when otherwise.

Inventory availability is the most important aspect of customer service, and the cost of inventory is one of the most important entries on a company's balance sheet. Demand planners are the "*behind the scenes professionals*" who are entrusted with this mega load. When they do their job right no one recognizes them, however, they will be noticed quickly when they fail to deliver given the negative impact this will have on customer service and the bottom line.

This course is designed to provide participants with a comprehensive knowledge on inventory planning and control. It will give them the tools needed in order to employ enough inventory to assure high levels of customer service, while avoiding excessive inventory levels that can create losses.

The course is focused on understanding how to efficiently provide the inventory necessary for good customer service while minimizing the inventory resulting from poor supply chain management. It will help participants in making decisions that balance current demand with future needs, while keeping overhead and operating costs to a minimum.

The course covers the role and impact of inventory management within the organization; the inventory classification and inventory record accuracy; the periodic and cycle counting, system and methodology counting, the inventory management roadmap and the effective audit trails and processes; the implementation of forecasting demand and lead time; the inventory systems; counting and controlling inventory; the statistical order model; the dynamic order model and forecasting; the reduction of inventory investing; the strategical inventory control; and the measurement of inventory management performance.

Course Objectives

Upon the successful completion of this course, each participant will be able to:-

- Apply and gain systematic techniques on inventory planning and control
- Discuss inventory management and the role and impact of inventory management within the organization
- Carryout proper customer service in inventory management in the Arab world and the global best practice including category management methodology
- Perform inventory classification and inventory and inventory record accuracy
- Illustrate periodic and cycle counting, system and methodology of counting, the inventory management roadmap and effective audit trails and processes
- Implement forecasting demand and lead time covering techniques of forecasting, peak demand planning, control of lead time and evaluation of forecasts
- Employ inventory systems comprising of inventory costs, the max-min system, when and how much to order, controlling safety stocks and how to deal with quantity discounts
- Establish strategic inventory cost reduction, implement leading edge strategies, apply obsolete and surplus stock management, establish key cost reduction and manage inventory risk effectively
- Implement counting and controlling inventory and illustrate the statistical order model and the dynamic order model and forecasting
- Reduce inventory investing through identification and disposal of surplus, material requirements planning, just-in-time (JIT) method, optimum safety stock levels, etc
- Perform strategical inventory control, multi-level inventory control, internal operation of a computer based reordering system and material requirements and inventory control
- Measure inventory management performance through identifying the key performance indicators (KPIs) and targets, establishing key performance metrics and effective KPI reporting

Exclusive Smart Training Kit - H-STK®

*Participants of this course will receive the exclusive "Haward Smart Training Kit" (**H-STK®**). The **H-STK®** consists of a comprehensive set of technical content which includes **electronic version** of the course materials conveniently saved in a **Tablet PC**.*

Who Should Attend

This course provides systematic techniques and methodologies on inventory planning and control for commercial management and inventory managers, senior procurement officers, senior medical store storekeepers, warehouse operations officers and procurement, warehouse and supply chain practitioners who are looking to obtain leading edge inventory efficiencies and competitive edge for both themselves and their organization.

Course Certificate(s)

Internationally recognized certificates will be issued to all participants of the course who completed a minimum of 80% of the total tuition hours.

Certificate Accreditations

Haward's certificates are accredited by the following international accreditation organizations: -

- British Accreditation Council (BAC)

  Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. Haward's certificates are internationally recognized and accredited by the British Accreditation Council (BAC). BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

- The International Accreditors for Continuing Education and Training (IACET - USA)

  Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

  Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units** (CEUs) in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

  Haward Technology Middle East will award **3.0 CEUs** (Continuing Education Units) or **30 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:

Mr. Pan Kidis, MBA, BSc, is a **Senior Logistics & Management Consultant** with over **30 years** of extensive experience in **Logistics & Transportation Planning** Methods, **Forecasting Logistics** Demands, Visual Network Model, **Logistics Operations**, **Strategic Transport Planning**, **Transport** System, **Fleet Planning**, Routing & Scheduling, **Transport** Cost Concepts & Elements, Costing Vehicles & Trips, Tariff Fixing, **Supply Chain & Operations** Management, **Logistics & Production** Planning, **Cost Reduction** Techniques, **Inventory** Management, **Business Analysis**, **Risk** Management, **Production** Management, **Warehouse** Management, **Production Planning, Material Requirement Planning**, **Budgeting**, Production & Shop Floor Scheduling, **Cost Analysis**, **Database** Design & Implementation, **Business Administration, Production Data** Acquisition & Analysis, Industrial **Logistics**, Process Improvement, Team Leadership & Training, Textile Manufacturing, Staff Reduction, **Warehouse** and **Shipping**. Further, he is also well-versed in **Cash Flow** Management, **Decision Making** Techniques, Production Planning & Scheduling, Production & Product Inventory Control, **Inventory** Analysis Tools, **Stock Management** Techniques, Material Handling, Process Improvement & Equipment Selection, **Costing & Budgeting**, Wastewater Treatment Plant Monitoring & Control, Volume Tank Measurements, Data Acquisition and Energy Conservation. He is currently the **Business Analyst** of Diasfalisis Ltd. wherein he is responsible in the design of the proposed business model and develop and evaluate new applications.

Mr. Kidis had occupied several significant positions as the Supply Chain Manager**,** Production Planning & Logistics Manager**,** Purchasing Office Manager**,** Project Manager**,** Assistant Dyeing Manager**,** Production Supervisor**,** Production Coordinator **and Design & Analysis Intern for various international companies such as the Hellenic Fabrics,** AKZO Chemicals Ltd. **and** EKO Refinery **and Greek Navy Force.**

Mr. Kidis has a **Master** degree in **Business Administration** from the **University of Kent**, **UK** and a **Bachelor** degree in **Chemical Engineering** from the **Aristotle University of Thessaloniki**, **Greece**. Further, he is a **Certified Instructor/Trainer** and has delivered numerous trainings, courses, workshops, seminars and conferences internationally.

Course Fee

US$ 5,500 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

30% Lectures
20% Practical Workshops & Work Presentations
30% Hands-on Practical Exercises & Case Studies
20% Simulators (Hardware & Software) & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the course for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1: ***Sunday, 07th of December 2025***

0730 – 0800	*Registration & Coffee*
0800 – 0815	*Welcome & Introduction*
0815 – 0830	***PRE-TEST***
0830 – 0930	***Introduction to Inventory Management*** *The Role & Impact of Inventory Management within the Organization • Objectives & Responsibilities of Inventory Management • The "Inventory Management Compass"- Ensuring SMART Objectives – Historic, Current State, Future State • Combining Effective Inventory Management with Excellent Customer Service – both Internal & External • Customer Service in Inventory Management • Inventory Management in the Arab World • Global Best Practice - including Category Management Methodology • Storage Methods*
0930 – 0945	*Break*
0945 – 1100	***Inventory Classification & Inventory Record Accuracy*** *ABC Classification • Effectively Classifying Inventory – Strategic versus Tactical, Rotation Speed • Aligning Inventory Classifications with Organizational & Stakeholder Needs*
1100 – 1230	***Inventory Classification & Inventory Record Accuracy (cont'd)*** *Ensuring Accurate Records of Inventory • Periodic & Cycle Counting • System & Methodology of Counting*
1230 - 1245	*Break*
1245 – 1420	***Inventory Classification & Inventory Record Accuracy (cont'd)*** *The Inventory Management Roadmap – Full End to End Process Map • Establishing Effective Audit Trails & Processes*
1420 - 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day One*

Day 2: ***Monday, 08th of December 2025***

0730 – 0930	***Forecasting Demand & Lead Time*** *Forecasting Objectives • Techniques of Forecasting • Effectively Forecasting Demand – Utilizing Supply Chain Data Mining & Category Management Approaches • Peak Demand Planning • Seasonal Demand*

0930 – 0945	*Break*
0945 – 1100	***Forecasting Demand & Lead Time (cont'd)*** *Moving Average • Exponential Smoothing • Control of Lead Time • Evaluation of Forecasts • Influencing & Controlling Demand to Maximize Operational & Financial Resource Efficiency*
1100 – 1230	***Inventory Systems*** *Inventory Costs • The Max-Min System • When & How Much to Order • Controlling Safety Stocks • How to Deal with Quantity Discounts • Establishing Strategic Inventory Cost Reduction - Step Targeting Plus Continuous Improvement*
1230 - 1245	*Break*
1245 – 1420	***Inventory Systems (cont'd)*** *Implementing Leading Edge Strategies – MRP, JIT, Kaizen & Kanban • Obsolete & Surplus Stock Management – Establishing Data Business Cases • Establishing Key Cost Reduction Enablers within the Supply Chain – Pack Sizing , Identification Criteria, Process Cost Reduction • Effectively Managing Inventory Risk*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Two*

Day 3: ***Tuesday, 09th of December 2025***

0730 – 0930	***Counting & Controlling Inventory*** *Counting Methods & Accuracy • Periodic & Cycle Counting*
0930 – 0945	*Break*
0945 – 1100	***Counting & Controlling Inventory (cont'd)*** *Role of Stocks as Buffer Between Unequal Flows • Dependent vs Independent Demand*
1100 – 1230	***Counting & Controlling Inventory (cont'd)*** *Cost Elements of Inventory Control • The Optimal Order Quantity: EOQ*
1230 - 1245	*Break*
1245 – 1420	***The Statistic Order Model***
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Three*

Day 4: ***Wednesday, 10th of December 2025***

0730 – 0930	***The Dynamic Order Model & Forecasting***
0930 – 0945	*Break*
0945 – 1100	***Reducing Inventory Investing*** *Identification & Disposal of Surplus • Material Requirements Planning (MRP) • Just-in-Time (J.I.T) Method*
1100 – 1230	***Reducing Inventory Investing (cont'd)*** *Optimum Safety Stock Levels • Fill Rate & Service Levels*

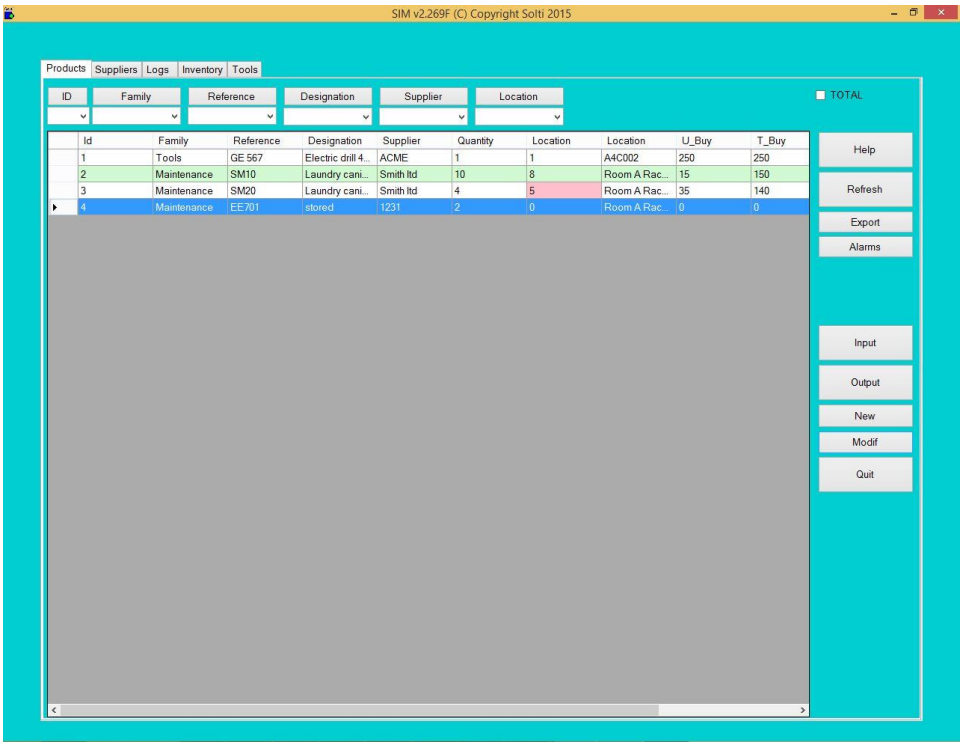
1230 - 1245	Break
1245 – 1420	***Reducing Inventory Investing (cont'd)*** Exponential Smoothing (Smoothing) Method • Double Exponential Smoothing (Trend) Method
1420 – 1430	***Recap*** Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day Four

Day 5: ***Thursday, 11th of December 2025***

0730 – 0930	***Strategical Inventory Control*** Multi-level Inventory Control: Optimisation of the Overall Stock Level • Synchronized Coverage • Internal Operation of a Computer Based Reordering System: Possibilities & Restrictions • Avoiding Bullwhips • The Importance of the Bill of Material & the Routing File & the Inventory within the Process of Planning
0930 – 0945	Break
0945 – 1100	***Strategical Inventory Control (cont'd)*** The Effect of Factors Planning • The Ways of Planning Storage • The Importance of Objectives Planning • Material Requirements & Inventory Control • Frozen Period • Inventory Control in the Industry
1100 – 1230	***Measuring Inventory Management Performance*** Key Performance Indicators (KPIs) & Targets • Establishing Key Performance Metrics – Operational, Financial, Compliance & Environmental • Effective KPI Reporting
1230 - 1245	Break
1245 - 1300	***Measuring Inventory Management Performance (cont'd)*** Engaging Staff Colleagues in Progress Reporting – Including Cascading, Visuals & Team Work • Qualities of the Inventory Specialist • Delegate Action Planning – Participants will Create Specific Departmental & Individual Action Plans to Implement the Learning Outcomes from the Course
1300 - 1315	***Course Conclusion*** Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course
1315 - 1415	***COMPETENCY EXAM***
1415 - 1430	Presentation of Course Certificates
1430	Lunch & End of Course

Simulator (Hands-on Practical Sessions)

Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using our state-of-the-art simulators "Simple Inventory Manager" software.



Course Coordinator

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