

COURSE OVERVIEW LM0107-3D
Digital Procurement & Automation

Course Title

Digital Procurement & Automation

Course Date/Venue

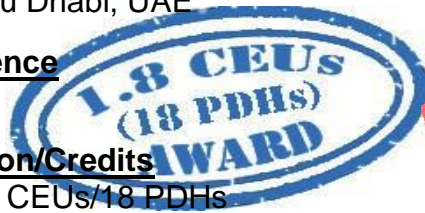
August 05-07, 2024/TBA Meeting Room, Royal Rose Hotel, Abu Dhabi, UAE

Course Reference

LM0107-3D

Course Duration/Credits

Three days/1.8 CEUs/18 PDHs



Course Description



This practical and highly-interactive course includes real-life case studies and exercises where participants will be engaged in a series of interactive small groups and class workshops.



This course is designed to provide participants with a detailed and up-to-date overview of Digital Procurement & Automation. It covers the impact of digital transformation in procurement; the technologies in digital procurement like AI, machine learning and blockchain in procurement; the components of a digital procurement system including e-sourcing, e-tendering, e-catalogs and e-invoicing; the benefits of digital transformation and the common challenges faced during digital transformation and strategies to overcome them; and the procurement processes and integrating enterprise resource planning (ERP) systems with digital procurement solutions.



During this interactive course, participants will learn the importance of data quality in digital procurement and strategies for effective data management; the supplier relationship management (SRM) technology to enhance supplier engagement and performance monitoring; the data security, privacy and compliance with regulations in digital setups; the analytics to predict trends, manage risks and improve procurement decisions; and the blockchain for transparency and efficiency, AI and machine learning application including sustainability and digital procurement.

Course Objectives

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

- Apply and gain a fundamental knowledge on digital procurement and automation
- Discuss the impact of digital transformation in procurement as well as the technologies in digital procurement like AI, machine learning and blockchain in procurement
- Identify the components of a digital procurement system including e-sourcing, e-tendering, e-catalogs and e-invoicing
- Recognize the benefits of digital transformation including the common challenges faced during digital transformation and strategies to overcome them
- Automate procurement processes and integrate enterprise resource planning (ERP) systems with digital procurement solutions
- Discuss the importance of data quality in digital procurement and strategies for effective data management
- Use supplier relationship management (SRM) technology to enhance supplier engagement and performance monitoring
- Ensure data security, privacy and compliance with regulations in digital setups
- Use analytics to predict trends, manage risks, and improve procurement decisions
- Recognize blockchain for transparency and efficiency, AI and machine learning application including sustainability and digital procurement

Exclusive Smart Training Kit - H-STK®



Participants of this course will receive the exclusive “Howard Smart Training Kit” (H-STK®). The H-STK® consists of a comprehensive set of technical content which includes **electronic version** of the course materials, sample video clips of the instructor’s actual lectures & practical sessions during the course conveniently saved in a **Tablet PC**.

Who Should Attend

This course provides a wide understanding and deeper appreciation of digital procurement and automation for supply chain and logistics managers, operational managers, senior management and executives and other technical staff.

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

Certificates are accredited by the following international accreditation organizations: -


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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 **1.8 CEUs** (Continuing Education Units) or **18 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.

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British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. 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.

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 Diasfalis 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's** degree in **Business Administration** from the **University of Kent, UK** and a **Bachelor's** 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\$ 3,750 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: Monday, 05th of August 2024

0730 - 0800	Registration & Coffee
0800 - 0815	Welcome & Introduction
0815 - 0830	PRE-TEST
0830 - 0930	Overview of Digital Procurement: Definition, Evolution, & the Impact of Digital Transformation in Procurement
0930 - 0945	Break
0945 - 1100	Key Technologies in Digital Procurement: Introduction to Technologies Like AI, Machine Learning, & Blockchain in Procurement
1100 - 1200	Digital Procurement Ecosystem: Understanding the Components of a Digital Procurement System, Including E-Sourcing, E-Tendering, E-Catalogs, & E-Invoicing
1200 - 1230	Benefits of Digital Transformation: Exploring the Advantages such as Increased Efficiency, Transparency, & Cost Savings
1230 - 1245	Break
1245 - 1330	Challenges & Barriers: Discussing Common Challenges Faced During Digital Transformation & Strategies to Overcome Them
1330 - 1420	Case Study Presentation: Analysis of Successful Digital Procurement Implementations in Various Sectors
1420 - 1430	Recap
1430	Lunch & End of Day One

Day 2: Tuesday, 06th of August 2024

0730 - 0830	Automating Procurement Processes: Detailed Discussion on How to Automate Order Processing, Vendor Management, & Contract Management
0830 - 0930	Integrating ERP Systems: How to Integrate Enterprise Resource Planning (ERP) Systems with Digital Procurement Solutions
0930 - 0945	Break
0945 - 1100	Data Management & Quality: Importance of Data Quality in Digital Procurement & Strategies for Effective Data Management
1100 - 1230	Supplier Relationship Management (SRM) Technology: Using Technology to Enhance Supplier Engagement & Performance Monitoring



1230 - 1245	Break
1245 - 1420	Security & Compliance in Digital Procurement: Ensuring Data Security, Privacy, & Compliance with Regulations in Digital Setups
1420 - 1430	Recap
1430	Lunch & End of Day Two

Day 3: Wednesday, 07th of August 2024

0730 - 0830	Predictive Analytics in Procurement: Using Analytics to Predict Trends, Manage Risks, & Improve Procurement Decisions
0830 - 0930	Blockchain for Transparency & Efficiency: How Blockchain Technology can Revolutionize Transparency & Efficiency in Procurement
0930 - 0945	Break
0945 - 1230	AI & Machine Learning Applications: Practical Applications of AI & ML for Enhancing Procurement Functions, such as Predictive Maintenance & Automated Negotiations
1230 - 1245	Break
1245 - 1345	Sustainability & Digital Procurement: Integrating Sustainability into Procurement through Digital Solutions
1345 - 1400	Course Conclusion
1400 - 1415	POST-TEST
1415 - 1430	Presentation of Course Certificates
1430	Lunch & End of Course

Practical Sessions

This practical and highly-interactive course includes real-life case studies and exercises:-



Course Coordinator

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