



Training Course	Inventory Management
Course Language	English / Arabic
Course Duration	Total Number of hours : 15 Days : 5 days , Sun - Thur Time : 5:00pm – 8:00pm
Course Objectives	Participants in this course will learn the purpose of maintaining inventory, approaches to determine appropriate levels, and methods of physical control.
Course Content	<p>This course includes presentations of the key elements of inventory control and management including: inventory cost components, types and uses of inventory, planning inventory levels, maintaining inventory accuracy, and metrics and roles associated with inventory management.</p> <p>Course Key Topic Area Includes:</p> <ul style="list-style-type: none">• Fundamentals of Inventory Management• ABC Analysis• Economic Order Quantity and Lot Sizing Methods• Introduction to Stochastic Inventory Management
Learning Outcomes	<p>At the end of the program the trainees will be able to:</p> <ol style="list-style-type: none">1-Identify and understand the main key element of inventory control including different roles of inventory, inventory cost structure, the different types of inventory control methods.2-Implement a Pareto/ABC inventory classification and derive related conclusions.3-Determine optimal replenishment strategy in case of known demand, this includes the Economic Order Quantity as well as diverse range of lot sizing techniques.



Learning Outcomes	4-Be familiar with stochastic inventory environment. This includes the different types of uncertainty that affect inventory control and possible ways to overcome it.
Course Material /Exams / Technology used/ Details Relevant to the course.	The course delivery will be based on a combination of PowerPoint notes / white board delivery /Case Studies as well as In-Class Hands-on learning.
Instructor Details & Brief Instructor Bio	Name: Dr. Adel Elomri Title/Dept: Assistant Professor in the Department of Mechanical and Industrial Engineering Dr. Adel Elomri is an Assistant Professor in the Department of Mechanical and Industrial Engineering at Qatar University. He holds a Ph.D. (2009) and a M.S degrees in Industrial Engineering from Ecole Centrale Paris (France) and a B.S degree in Industrial Engineering from the National Engineering School of Tunis (Tunisia). Prior to join Qatar University, he served as a postdoctoral researcher in the University of Minnesota (USA). Dr Elomri has consulted with several industries, including Textile, Retailing and Healthcare. His research interests and expertise include logistics and supply chain management, service system management, healthcare operations, project management, sustainability, and innovative business model.
Course Fees	QAR 1700 15% discount on online registration and payment.