

Course Title	Inventory Management			
Course Code	LOGS304			
Course Type	Theoretical			
Level	Higher Diploma			
Year / Semester	3 rd Year/ 5 th Semester			
Teacher's Name	Konstantinou Marina			
ECTS	6	Lectures / week	3	Laboratories / week -
Course Purpose and Objectives	The purpose of this course is for students to comprehend the role of inventory in the supply chain and the key aspects of their management.			
	<p>Upon completion, students are expected to:</p> <ul style="list-style-type: none"> ▪ Understand the role of inventory in the supply chain management ▪ Know concepts of inventory ▪ Understand inventory control ▪ Be able to Implement procedures and concepts of inventory management ▪ Be able to manage supply chain inventory flows ▪ Understand the link between inventory management and forecasting ▪ Know the information systems applied in inventory management ▪ Be able to manage inventory problems ▪ Be able to analyse inventory costs ▪ Be able to use inventory performance measurements 			
Prerequisites	LOGS105	Required		
Course Content	<ul style="list-style-type: none"> ▪ The role of inventory in supply chain management ▪ Inventory management concepts ▪ ABC inventory classification ▪ Inventory and time ▪ Lead-time gap ▪ Inventory replenishment systems ▪ The economic order quantity (EOQ) method ▪ Supply chain inventory flows ▪ The link between inventory management and forecasting ▪ Information systems in inventory management ▪ Inventory problems ▪ Inventory Costs ▪ Inventory performance measurements 			
Teaching Methodology	The class involves lectures, videos, readings and small group exercises, case studies and discussions.			
Bibliography	<ul style="list-style-type: none"> • CSCMP, Waller M., Esper T. (2014) Definitive Guide to Inventory Management, The: Principles and Strategies for the Efficient Flow of Inventory across the Supply Chain, Pearson FT Press, ISBN: 978-0133448825. • Rushton A., Croucher P., Baker P. (2022) The handbook of Logistics and Distribution Management: Understanding the supply chain, Kogan Page, 6th Edition, ISBN: 9780749476786 eBook Academic Collection (EBSCOhost) • Muller M. (2019) Essentials of Inventory Management, HarperCollins Leadership, 3rd Edition, ISBN: 9781400212378 			

Assessment	<ul style="list-style-type: none">▪ Attendance and Participation 10%▪ Assignment 10%▪ Intermediate Written Examination 30%▪ Final Written Examination 50%
Language	English or Greek