Course Title	Warehouse Management Systems Software				
Course Code	LOGS205				
Course Type	Theoretical and Practical				
Level	Diploma/Higher Diploma				
Year / Semester	2nd Year / 4th Semester				
Teacher's Name	Vatalis Vasileios				
ECTS	4	Lectures / week	1	Laboratories / week	1
Course Purpose and Objectives	The aim of the course is to familiarize students with the use of new technologies-software applicable in Logistics. This course provides for a basic understanding of the practices and technologies used in a Warehousing Management System (WMS) software in order to optimize the warehouse operations within the supply chain network of an organization.				
Learning Outcomes	Upon completion, students are expected to: • Understand the meaning and explain the use of Warehouse Management Systems (WMS) for logistics • Understand the costs and overall benefits with regard to the implementation of a WMS software in an organization • Be able to use of a WMS software such as the LVS and evaluate its practicability for specific organizations in specific industries • Be able to practically apply their knowledge within the context of specific organizations, through the use of different WMS software elements such as: o Warehouse Automation o Routing o Scheduling and o Fleet tracking • Be able to evaluate and select the most suitable Warehouse Management System (WMS) for their business				
Prerequisites	LOGS201	Required			
Course Content	• Warehouse Management Systems (WMS): Introduction • WMS: Costs and Benefits • The use of WMS software throughout the daily warehousing operations: receiving orders, quality control, value added services, sorting • Practice on a WMS software such as the Logistics Vision Suite (LVS) Mantis Cyprus • Practice: Live scenarios using wireless handheld terminals and shelving systems • Practice: Warehouse Automation • Practice: Vehicle Routing • Practice: Scheduling • Practice: Fleet Management • Practice: Food and Beverage Industry				
Teaching Methodology	The course is delivered through a combination of: • In-class lectures				

	• WMS software application in computer laboratories • On-site visits
Bibliography	▪ Brandimarte, Paolo, Zotteri, Giulio (2007) Introduction to Distribution Logistics, Wiley, ISBN: 978-0-471-75044-4. ▪ 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. ▪ Richards, Gwynne (2014), Warehouse management: A complete guide to improving efficiency and minimizing costs in the modern warehouse, Kogan Page, ISBN: 9780749469344.
Assessment	• Attendance and Participation 10% • Assignement 10% • Intermediate Written Examination 15% • Intermediate Practical Examination 15% • Final Written Examination 25% • Final Practical Examination 25%
Language	English or Greek