Newsletter 3 - Structure and Contents of LogMaster Project

The European Logistics Association (ELA), along with other Universities and entities, participates in LogMaster, an Erasmus + Project whose goal is to develop an innovative and modern Master's degree program in SCM aligned with the ELA Standards which features the use of digital educational tools. The program is mainly focused on providing a strategic perspective of SCM in the value chain for management positions.

This program will develop the analytical, managerial, and operational competencies necessary to manage and lead the complexity of tomorrow's supply chains and it is structured on the following modules:

Sourcing : This module is designed to provide future professionals with the necessary skills to manage sourcing strategies, procurement policies, supplier relationships, and sustainable sourcing practices transforming procurement from a transactional process into a strategic function.

 Warehousing : Tackling the challenges and opportunities of modern warehousing, such as technological advancements and sustainable practices, are the key elements to lead warehousing and distribution operations at a strategic level, contributing significantly to the efficiency and competitiveness of supply chains.

Customer Service : This module provides master's level knowledge about the role of customer service activities in today's logistics systems, in areas like strategic planning, management, development and innovation. Along this module, students will be able to prepare for system-level review, analysis, management, planning and control of customer service operations in logistics and supply chain processes.

Supply Chain Planning : Supply Chain Planning elements such as Demand Planning, Aggregate Planning and Sales and Operations Planning are presented through the perspective of a Senior Management audience. Additionally, the complex relationship with some interface processes like New Product Development, Inventory Optimization and Supply Chain Risk Management are also addressed.

Logistics and Supply Chain Design : This module addresses the importance of Supply Chain Design starting from a network approach, to considering the best combination of demand-driven and planned processes. Change and project management as well as digital techniques are presented.

Transportation : Getting a comprehensive knowledge of the transportation modes and which ones are most suitable depending on the situation, is an objective for this module. It also allows management positions to build a strong knowledge for the implementation of intermodal and sustainable transport solutions, as well as design criteria on setting up different transport policies and methodology to calculate transport costs and emissions.

In order to manage all the learning contents in a structured and organized way, the project consortium has chosen ILIAS as the Learning Management System.

ILIAS is a leading Open-source LMS which is very flexible and reliable. In the case of LogMaster it is important to remark on the different learning and teaching materials to download (lesson material, teaching notes) and the self assessment quizzes.

All learning content is set up in a learner centric way that provides students with lesson materials and enables them to proof their learning progress for every module section with quizzes that show a randomized set of questions at every attempt.

The LogMaster project is a result of the collaboration of the following entities: University of Craiova (Romania acting as Coordinator); University of Applied Sciences (Austria); University of Technology and Economics Budapest (Hungary); Romanian Logistics Association (Romania); European Logistics Association (Belgium); University of Lisbon (Portugal); Heilbronn University of Applied Sciences (Germany); Catholic University of Sacro Cuore (Italy)