SUPPLY CHAIN MANAGEMENT

- **Course code**

  8132

- **Type of course (compulsory, optional)**

  Compulsory or optional depending on the specialization

- **Level of course**

  First Cycle

- **Year of study**

  2013-2014

- **Semester**

  6th Semester

- **Number of credits allocated**

  6 ECTS Credits

- **Name of lecturer**

  Androutsopoulos Konstantinos, Lecturer

- **Learning outcomes**

  Competitiveness constitutes a key success factor for any contemporary business activity. However sustaining and enhancing business competitiveness involves producing and offering the right product, at the right time, the right place and at the right price and conditions. Supply Chain Management contributes substantially to this goal through managing the integrated process of delivering products and/or services to markets. This course presents the major operations involved in a supply chain, and elaborates on the methods, techniques and tools used for managing the supply chain for products and services. After completing this course the students will be able to:

  - understand concepts and methods regarding the planning, design and operation of Supply Chains,
  - understand the strategic role of Supply Chain Management in the Global Business Environment.
  - understand the Emerging Supply Chain Management (SCM) trends in the Global Business Environment, the modeling of SCM decisions, and the assessment of Supply Chain performance
  - understand the role of Information and Communication Technologies in Supply Chain Management
  - understand, analyze, and plan the primary and secondary (complementary) logistics processes
  - evaluate the effectiveness of logistical processes of a company / organization.

- **Mode of delivery (face-to-face, distance learning)**

Face-to-face

- **Prerequisites and co-requisites**

- Decision Making (3rd Semester)

- **Recommended optional programme components**

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- **Course contents**

The course contents cover the following sections:
- Current trends in Supply Chain Management, e-Logistics,
- Basic and Complementary functions of Logistics, Logistics for the wider service industry,
- Product / service characteristics and requirements for organizing and designing the Supply Chain,
- The order processing system and the customer service,
- Orders management,
- Natural product distribution, Product transportation and distribution processes,
- Location of warehouses and distribution centers,
- Logistics Management Information Systems, applications of telematics in Supply Chain Management
- 3rd party Logistics Providers (3PL's),
- Evaluation of logistical operations.

- **Recommended or required reading**

📖 Lectures' presentation material (uploaded to Eduportal)

📖 Ronald H. Ballou (2004), "Business Logistics / Supply Chain Management", 5th Edition, Prentice Hall, New Jersey.

📖 Sunil Chopra, Peter Meindl (2009), "Supply Chain Management: Strategy, Planning and Operation", Pearson Education, New Jersey.

- **Planned learning activities and teaching methods**
  - Course Lectures
  - Tutorials on LogWare software
- **Assessment methods and criteria**
  - Exam
  - Team Project
  - Homework
- **Language of instruction**

  Greek

- **Work placement(s)**

To increase the students' exposure to practical issues, homework and a Team Project is assigned to students. The objective of these assignments is to provide the students with the opportunity to apply tools and techniques for planning, organizing and evaluating basic processes of Supply Chain Management. The work performed in the team project is presented by students during the last week of the semester.