PROJECT MANAGEMENT

- **Course code**

8121

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

Compulsory

- **Level of course**

First Cycle

- **Year of study**

2013-2014

- **Semester**

5th Semester

- **Number of credits allocated**

6 ECTS Credits

- **Name of lecturer**

Androutsopoulos Konstantinos, Lecturer

- **Learning outcomes**

Managing projects constitutes a major management operation in any contemporary company or organization. This course deals with the techniques, methods, and tools used for planning, controlling and assessing projects. After completing this course the students will be able to:

- understand methods and techniques related to project selection, organization, planning, scheduling, control, and evaluation
- select and evaluate projects
- schedule optimally the project evolution
- monitor and manage a project
- implement processes for project control.

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

Face-to-face.

- **Prerequisites and co-requisites**

- Statistics for Management Science (2nd Semester)
- Decision Making (3rd Semester)

- **Recommended optional programme components**

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- **Course contents**

The course includes the following sections:
- Introduction to Project Management: Project life cycle, Total Quality Management in project management,
- Project Selection and Evaluation: Cost-benefit analysis, Cost-effectiveness analysis, Multicriteria evaluation
- Project Scheduling: Definition, objectives, and constraints for project development, identification of activities, estimation of the duration and the resources required for the realization of the activities, construction of project network
- Methods for Project Scheduling: Methods for Project Scheduling (Critical Path Method, Programme Evaluation Review Technique),
- Project Cost and Resource Management: Cost estimation, time-cost trade-off analysis, resource management and allocation, Programme Management,
- Project Control: Techniques for project control.

- **Recommended or required reading**

📖 Lectures' presentation material (uploaded to Eduportal)

📖 Shtub, A., J.F. Bard, and S. Globerson, "Project Management: Engineering, Technology, and Implementation", Prentice Hall, 1994

📖 Rory Burke. "Project Management: Planning and Control Techniques", John Wiley and Sons Ltd, 2003.

- **Planned learning activities and teaching methods**

- Course lectures
- MS Project software tutorials

- **Assessment methods assessment methods and criteria**

- Exams
- Team Project

- **Language of instruction**

Greek

- **Work placement(s)**

To increase students' exposure to practical issues, a Team Project will be assigned to students. The objective of the team project is to provide the students with the opportunity to apply project management methods and techniques for planning and controlling a real world project.