

COURSE ID SHEET



Course No.	5308	NTUA							
Semester:	8,10	Core		Elective		Specialization	X		
Title:	PROJECT MANAGEMENT								
Aim:	<p>The course aims at providing the basic knowledge and developing the skills and competences needed to successfully manage projects. Projects include designing and implementing a set of resource consuming complex activities under defined technical specifications and requirements, an agreed timetable and an estimated and approved budget. In addition, project design, organization and management constitute a basic career path for modern engineers as nowadays firms tend to adopt project-based operational models combined with the development of networks (widening the boundaries of their operation). Projects and networks co-exist with the conventional organizational structures / functions and the range of products and services they produce and offer.</p>								
Content:	<p>The course seeks to highlight the interactions between time, cost and quality in a project, the role of human factor and the environment in which the project is implemented, the importance of systematically monitoring progress and the need for risk-management. In particular, the objectives of the course are:</p> <ul style="list-style-type: none"> • Understanding the basic concepts and principles of project management. • Learning the methods and techniques used to analyze, plan and control projects. • Familiarizing with project management tools. 								
Hours per semester:	LECTURES	52	EXERCISES	-	LABORATORY	61	HOME-WORK	62	TOTAL HOURS: 175
Student performance/evaluation:	<p>Two-part examination to determine the final grade:</p> <p>-70% of the final grade concerns a written examination (with closed books) comprising two parts:</p> <p>a) Responding to questions related to the clarification of concepts and tools as well as questions referring to aspects and problems of organizing and managing projects.</p> <p>b) Solving computing exercises.</p> <p>-30% of the final grade concerns a laboratory examination (PC Lab) which includes the individualized solving of a computing exercise by using the MS-project software.</p>								