

COURSE DESCRIPTION

1. GENERAL

LEISURE PART	POLYTECHNIC		
	COMPUTER ENGINEERING AND INFORMATICS		
LEVEL OF EDUCATION	UNDERGRADUATE		
LESSON CODE	CEID_ E9OE	SEMESTER OF STUDIES	FALL (CORE ELECTIVE)
COURSE TITLE	INTRODUCTION TO ECONOMICS FOR ENGINEERS AND SCIENTISTS		
SELF TEACHING ACTIVITIES <i>in the case of credits being awarded in distinct parts of the course eg. Lectures, Laboratory Exercises, etc. If credit units are awarded uniformly for the whole course, indicate the weekly hours of teaching and the total number of credits</i>		WEEKS HOURS	CREDIT UNITS
Choose, Laboratory Exercises, Cram school		3/2	5
<i>Add rows if needed. The teaching organization and the teaching methods used are described in detail at 4.</i>		TOTAL	5
COURSE TYPE <i>Background, General Knowledge, Scientific Area, Skills Development</i>	Background, Scientific Area, Skills Development		
PREREQUISITE COURSES:	There are no prerequisite courses.		
C. LOSSA TEACHING and EXAMINATION:	Hellenic.		
THE COURSE IS OFFERED TO ERASMUSSTUDENTS	NO		
ELECTRONIC COURSE PAGE (URL)			

2. LEARNING RESULTS

Learning results

The learning outcomes of the course describe the specific knowledge, skills and competences of an appropriate level that students will acquire after successfully completing the course.

Refer to Appendix A.

- *Description of the level of learning outcomes for each cycle of study according to the European Higher Education Area Qualifications Framework*
- *Descriptive Indicators of Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Annex B.*
- *Curriculum Vitae Summary Guide*

Learning outcomes of the course

At the end of this course the student will:

1. have been introduced to the science of Business Administration with emphasis on programming, organization, management and control functions, as well as on the roles and skills of executives,
2. have been aware of the basic concepts and functions of Business Administration in today's changing business environment,
3. have understood the modern trends in organizational theory, especially those who successfully use the appropriate forms of organizational planning to compete in the complex and uncertain market economy,
4. have been informed of the practices that have been implemented by major companies as well as the more specialized knowledge they need to have and be able to

manage engineers.

Skills

At the end of the course, the student will have further developed the following skills:

- ability to manage and develop in the most effective way both the material and the human capital of an enterprise,
- ability to analyze the information received from the company's internal and external environment, resulting in better decision making,
- ability to understand the operation of production systems,
- ability to draw up a strategy based on the economic and technical data that arise over a given period of time.

General Capabilities

Considering the general competencies that the graduate must have acquired (as listed in the Diploma Supplement and listed below), which one (s) the course is intended for ?

<i>Search, analyze and synthesize data and information, using the necessary technologies</i>	<i>Project design and management</i>
<i>Adapt to new situations</i>	<i>Respect for diversity and multiculturalism</i>
<i>Decision making</i>	<i>Respect for the natural environment</i>
<i>Autonomous work</i>	<i>Demonstration of social, professional and moral responsibility and sensitivity to gender issues</i>
<i>Teamwork</i>	<i>Exercise of criticism and self-criticism</i>
<i>Work in an international environment</i>	<i>Promote free, creative and inductive thinking</i>
<i>Working in an interdisciplinary environment</i>	
<i>Producing new research ideas</i>	

Adapt to new situations
 Decision making
 Autonomous work
 Teamwork
 Work in an international environment
 Project design and management

3. COURSE CONTENT

What is and what does management science do? Historical Evolution of Administrative Thought: Approaches - Schools of Management. The environment of financial institutions. Production Systems Design. The systemic approach to management: the production system and its interdependencies with the environment, the economy and society. Study of administrative functions: Programming, Organization, Management, Control, Decision Making and Executives. Analysis techniques for administrative decisions. New Challenges and Modern Managerial Approaches: Modern Management Tools I

4. TEACHING AND LEARNING METHODS - EVALUATION

delivery method <i>Face to Face, Distance Learning, etc.</i>	Face to face	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES <i>Use of ICT in Teaching, in Laboratory Education, in Communication with Students</i>	Information and communication technologies are used to communicate with students. E_class, email and case studies presentation through videos are used	
TEACHING ORGANIZATION <i>Describe in detail the way and methods of teaching.</i> <i>Lectures, Seminars, Laboratory Exercise, Field Exercise, Study & Analysis of Bibliography, Tutorial, Practice (Placement), Clinical Exercise, Artistic Lab, Interactive Teaching, Educational Visits, Project Work, etc .;</i>	Activity	Workload of Semester
	Lectures	26
	Laboratory exercise	13
	Self-study and preparation	57
	Weekend study	2
	Preparing notes and examinations	2
Total Match	100	

<p><i>Enter the hours of student study each learning activity and the non-guided study hours that the total workload in half level corresponds to the standards of ECTS</i></p>	
<p>ASSESSMENT OF STUDENTS <i>Description of the evaluation process</i></p> <p><i>Assessment Language, Assessment Methods, Formulation or Conclusion, Multiple Choice Test, Short Response Questions, Test Questions, Problem Solving, Written Work, Reporting / Reporting, Oral Examination, Public Presentation, Laboratory Work, Clinical Patient Examination, Artistic Interpretation, Other</i></p> <p><i>Certainly identified evaluation criteria are stated and if they are accessible to students.</i></p>	<p>Final examination (60% of the total grade) including Multiple Choice Test</p> <p>Progress (40% of the total grade)</p> <p>The evaluation criteria are included in the lesson notes</p>

5. RECOMMENDED - BIBLIOGRAPHY

<p>Notes by the teacher in eclass</p> <p>Books:</p> <p>Petridou E., "Management - Management, An Introductory Approach", "Sofia" Publications, 2011</p> <p>Williams, K. & Johnson, B. "Introduction to Management, A Practical Guide to Development", Critical Publications, 2005</p> <p>Tzortzakis, K. & Tzortzaki, A., "Organization and Management", Rosili Publishing, 2002</p> <p>Bouradas, D., "Management", G. Benou Publishing, 2002</p> <p>Robbins, S., Decenzo, D. & Coulter, M., "Business Administration: Principles and Applications", Critical Publications, 2012</p> <p>Shtub, A., "Project Management", Epicenter Publishing SA, 2008</p> <p>Bateman, S., "Business Administration", A. Tziola & YII Publishing, 2016</p> <p>Xitiris, L., "Management, Principles of Business Administration", Fidimos Publishing, 2013</p> <p>Hitt A. M., Black J. S., Porter W. L., Managing, ION Publishing, 2014</p> <p>E-Books:</p> <p>"Organization and Business Administration for Engineers" by Yannis Kalogirou "Reorganization and Management of Changes in Businesses" by Antonis Georgopoulos</p>
