

COURSE OUTLINE

1. GENERAL INFORMATION

FACULTY	ECONOMY AND MANAGEMENT		
DEPARTMENT	ORGANIZATIONS MANAGEMENT, MARKETING AND TOURISM		
LEVEL OF STUDY	UNDERGRADUATE		
COURSE CODE	1605-230612	SEMESTER	6th (dir. Organizations Management)
TITLE	DECISION MAKING		
Autonomous Teaching Activities		WEEKLY TEACHING HOURS	CREDITS
Lectures		3	5
COURSE TYPE	MANDATORY COURSE (dir.)		
PREREQUISITE COURSES	NONE		
TEACHING LANGUAGE	GREEK AND ENGLISH		
COURSE OFFERED TO ERASMUS STUDENTS	YES		
COURSE WEBPAGE (URL)			

2. LEARNING OUTCOMES

Learning outcomes
<p>In this course, students will have to understand the decision-making process and its application to complex business problems. He will also know the decision-making models and how to apply them in various areas of management, utilizing the appropriate computing tools.</p> <p>At the end of this course the student will be able to:</p> <ol style="list-style-type: none"> 1. Knowledge: recognize the need and the way of determining decision making in the field of Management of Organizations. 2. Understanding: through case studies to apply process design methods and be able to link process management strategies with the organization's strategy. 3. Application: apply the various decision-making techniques in the business environment with an emphasis on decision-making under uncertainty. To apply Total Quality Management practices in the business environment. Apply Personnel Management practices with an emphasis on the knowledge line and how it influences decision making. Apply business opportunity management techniques to gain a competitive advantage. 4. Analysis: identify and analyze the differences in design techniques. 5. Composition: formulate and implement technical forecasts as applied in the business environment. 6. Evaluation: define a complete strategic process management program in a real business

environment, to evaluate and update the strategic planning.

General Skills

Upon successful completion of the course students develop knowledge that will help them in:

- ✓ Search, analysis and synthesis of data and information, for the markets and the prevailing conditions using the appropriate methodology and the necessary technologies
- ✓ Adaptation to new situations
- ✓ Decision making
- ✓ Work in an international environment
- ✓ Project design and management
- ✓ Exercise criticism and self-criticism
- ✓ Work in an interdisciplinary environment
- ✓ Respect for diversity and multiculturalism
- ✓ Respect for the natural environment
- ✓ Promotion of free, creative, and inductive thinking

3. COURSE CONTENT

1. Decision theory. Overview of decision-making models.
2. Linear programming.
3. Chronological order analysis and forecasts.
4. download with multiple criteria.
5. Integrated programming and applications.
6. Dynamic programming.
7. Problem-solving using quantitative analysis methods.
Solve problems using software (excel solver or equivalent).
8. Product action planning.
9. The operation of the organization, management, and control of companies.
10. Decision-making in the context of products.
11. Infrastructure and work design. Systems just in time. Decisions about the capabilities of the Organization
12. Project management and layout. (CPM, PERT). Cost and time analysis.
13. Improvements of production systems.

4. TEACHING AND LEARNING METHODS - ASSESSMENT

TEACHING METHOD	Face to face lectures in class
ICT USE	The slides of the lectures are posted on the course website on the Moodle platform of the Department

TEACHING ORGANIZATION	<i>Activities</i>	<i>Working Load per Semester</i>
	Lectures	39
	Self-study	111
	TOTAL	150
ASSESSMENT	The evaluation of students is done by participating in written exams whose answers are contained in the proposed textbooks.	

5. REFERENCES

-Suggested bibliography:

- Business Analytics with Models and Methods of Management Science. Asllani Arben, Broken Hill Publishers LTD
- Introduction to business research, Frangos Christos K., Publications: Stamoulis SA