COURSE OUTLINE

1. GENERAL

SCHOOL	APPLIED ECONOMIC AND SOCIAL SCIENCES		
ACADEMIC UNIT	AGRIBUSINESS AND SUPPLY CHAIN MANAGEMENT		
LEVEL OF STUDIES	*Undergraduate*		
COURSE CODE	**5915**	**SEMESTER**	8th
COURSE TITLE	PROJECT MANAGEMENT		
INDEPENDENT TEACHING ACTIVITIES		**WEEKLY TEACHING HOURS**	**CREDITS**
	Lectures	4	5
COURSE TYPE	Specialized general knowledge		
PREREQUISITE COURSES	NO		
LANGUAGE OF INSTRUCTION and EXAMINATIONS	Greek		
IS THE COURSE OFFERED for ERASMUS STUDENTS?	YES (in English)		
COURSE WEBSITE (URL)	https://oeclass.aua.gr/eclass/		

2. LEARNING OUTCOMES

Learning Outcomes

The aim of the course is to:

- acquire knowledge of the basic principles of project and programme management, including methods of project selection and evaluation.
- plan the implementation of a project in an optimal way, estimating the resources and duration required
- monitor and manage projects, applying quality assurance and risk management procedures.

Upon successful completion of the course, the student will be able to:

- Understand the basic principles of project management, methods of project selection and evaluation, techniques and methods of scheduling, cost-duration analysis, optimal allocation and smoothing of project resources, and methods of project control
- Evaluate projects and programs
- Optimized planning of project implementation
- Monitor and manage a project
- Implement project quality assurance and risk management procedures

General Competences

- Problem solving
- Analysis of complex problems and synthesis of solutions
- Adapting to new situations
- Decision-making
- Working independently
- Teamwork
- Working in an international and multi-cultural environment

- Production of new research ideas
- Working in an interdisciplinary environment
- Project planning and management
- Critical thinking and assessment
- Investigation, analysis and synthesis of data and information, using contemporary scientific tools to solve problems in specific applications
- Advance free, creative and causative thinking

3. SYLLABUS

1. Project Management: Definition and basic characteristics of projects, project life cycle, project categorization. The case of the agri-food ecosystem.
2. Project management: Project life cycle, project categorization
3. Project management: Impact on management process, project organization, critical success factors of a project,
4. Project selection and evaluation: cost-benefit analysis, cost-effectiveness analysis,
5. Project selection and evaluation: multi-criteria project evaluation, characteristics and specificities of projects in the agri-food sector
6. Project planning: Definition, objectives, and constraints for project development, identifying activities, estimating duration and resources required to implement activities, constructing a project network,
7. Project planning: Human resource management and culture of collaboration and flexibility in project planning and implementation.
8. Project scheduling methods (Critical Path Method, Project Evaluation Review Technique),
9. Cost and Project Resources allocation: Cost Calculation, Cost - Project Time Ratio, Influence of external factors (climate crisis).
10. Cost and Project Resources allocation: Smoothing resource allocation, Program Management,
11. Risk management in project implementation. Vulnerability of the agri-food sector.
12. Project monitoring & evaluation: Project audit techniques. Case studies in the agri-food sector.
13. Modern trends and developments in project & program management

A combination of teaching and learning methods will be used, aiming at the active participation of the students and the practical application of the thematic units under examination; there will also be lectures using audiovisual media, discussions, and analyses of case studies on real business issues, experiential (group) activities, as well as projections of relevant videos. The students will also undertake an individual or group project. Furthermore, articles, audiovisual lecture materials, web links/addresses, useful information, case studies and exercises for further practice are posted in digital form on the AUA Open e-Class platform.

4. TEACHING and LEARNING METHODS - EVALUATION

DELIVERY	Face-to-face, Distance learning
USE OF INFORMATION and COMMUNICATIONS TECHNOLOGY	• Support of the learning process through the University's AUA Open eClass platform (integrated e-Course Management System) • Support of lectures using presentation software • Use of audiovisual material

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- Use of web applications

Communication with students: face to face at office hours, email, eclass platform
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<tr><td>TEACHING METHODS</td><td>

Activity	*Workload*
Lectures (direct)	52
Writing paper/ papers	32
Independent Study	39
Advisory support	0,5
Exams	2
Course Total (Approximately 25 hours of workload per credit unit 125.5)	***125,5***

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<tr><td>STUDENT PERFORMANCE EVALUATION</td><td>

The evaluation process is in the language that the course is taught (Greek or English) and consists of:

i. Compulsory written final examination at the end of the semester (weighting factor **70**% at least) which may include:
- Multiple choice questionnaires
- Open-ended questions
- Problem solving
- Oral examination

Evaluation criteria: correctness, completeness, clarity

ii. Compulsory written essay during the semester (weighting factor 30%)
Evaluation criteria: correctness, completeness, clarity

Special learning difficulties:

Students with **special learning difficulties** in writing and reading (as they are certified and characterized by a competent body) are examined based on the procedure provided by the Department.

Specifically-Defined Criteria:
The evaluation criteria are made known during the first lesson and are clearly stated on the course website and the AUA Open e-class platform. The answers to the exam questions are posted on the AUA Open e-Class platform after the exam. The students are allowed to see their exam paper after its grading (during the announced office hours) and receive explanations about the grade they received.
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5. ATTACHED BIBLIOGRAPHY

Suggested Bibliography in Greek Language:

- Βιβλίο [112699974]: Διοίκηση Έργων: Μια διοικητική προσέγγιση (2020) Jack R. Meredith / Samuel J. Mantel Jr. / Scott M. Shafer, ΕΚΔΟΣΕΙΣ ΠΡΟΠΟΜΠΟΣ Ι.Κ.Ε.
- Βιβλίο [121051712]: Ευέλικτες μέθοδοι διοίκησης και διαχείρισης έργων (2023), Φιτσιλής Παναγιώτης, ISBN: 9786185726737, Τύπος: Ηλεκτρονικό Βιβλίο, Διαθέτης (Εκδότης): ΚΑΛΛΙΠΟΣ Ανοικτές Ακαδημαϊκές Εκδόσεις
- Βιβλίο [112696467]: Project Management (IPMA®) (2022), Κωνσταντίνος Διρβάνης, Τριαντάφυλλος Κατσαρέλης, ISBN: 9789605314859, Διαθέτης (Εκδότης): ΔΙΑΥΛΟΣ Α.Ε. ΕΚΔΟΣΕΙΣ ΒΙΒΛΙΩΝ
- Βιβλίο [978-960-418-812-3]: ΚΛΙΜΑΤΙΚΗ ΑΛΛΑΓΗ, Πασχαλίδου Αναστασία

Suggested Bibliography in English Language (indicative):

- PMBOK (2021), A Guide to the Project Management Body of Knowledge (PMBOK Guides), 7th ed., Project Management Institute.
- Kerzner H., (2013). Project Management: A Systems Approach to Planning, Scheduling, and Controlling, John Wiley & Sons: New York

Related academic Journals:

- International Journal of Managing Projects in Business
- International Journal of Project Management
- International Journal of Project Organisation and Management
- Project Management Journal
- Journal of Scheduling

Related internet sources:

- International The Project Management Institute: www.pmi.org
- The Project Management WWW: www.projectmanagement.com
- Project Management Forum: www.pmforum.org

Instructor's Notes