

## COURSE OUTLINE

### 1. GENERAL

<b>SCHOOL</b>	APPLIED ECONOMIC AND SOCIAL SCIENCES		
<b>ACADEMIC UNIT</b>	AGRIBUSINESS AND SUPPLY CHAIN MANAGEMENT		
<b>LEVEL OF STUDIES</b>	<i>Undergraduate</i>		
<b>COURSE CODE</b>	<b>5510</b>	<b>SEMESTER</b>	5 <sup>th</sup>
<b>COURSE TITLE</b>	OCCUPATIONAL SAFETY AND HEALTH		
<b>INDEPENDENT TEACHING ACTIVITIES</b>	<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>	
Lectures	4	5	
<b>COURSE TYPE</b>	Special Background		
<b>PREREQUISITE COURSES</b>	NO		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS</b>	Greek		
<b>IS THE COURSE OFFERED for ERASMUS STUDENTS?</b>	YES (in English)		
<b>COURSE WEBSITE (URL)</b>	<a href="https://oeclass.aua.gr/eclass/">https://oeclass.aua.gr/eclass/</a>		

### 2. LEARNING OUTCOMES

<b>Learning Outcomes</b>
<p><b>The aim of the course is:</b></p> <p>Understanding and interpreting the application of regulations and legislation related to Occupational Safety and the introduction of students to the basic concepts so that he can distinguish, explain and evaluate the factors for a safe job. Finally, the aim of the course is for students to understand the importance of Occupational Safety and to be able to solve related problems and apply the relevant legislation.</p> <p><b>Upon successful completion of the course, the student will be able to:</b></p> <ul style="list-style-type: none"> <li>• Understands the basic and individual characteristics of occupational accident risks.</li> <li>• Has knowledge of methods and techniques of dealing with and managing accidents at work.</li> <li>• Distinguishes the key roles of security technician and occupational physician in a firm.</li> <li>• Uses and enforces safety laws and regulations at work.</li> <li>• Evaluate and recognize the likelihood, frequency and risk of accidents at work.</li> <li>• Analyzes and proposes safety measures at work.</li> </ul>
<b>General Competences</b>
<ul style="list-style-type: none"> <li>• Search, analysis and synthesis of data and information, using the necessary technologies</li> <li>• Adaptation to new situations</li> <li>• Decision making</li> <li>• Autonomous work</li> <li>• Teamwork</li> <li>• Working in an International Environment</li> <li>• Work in an interdisciplinary environment</li> <li>• Promotion of new Research Ideas</li> <li>• Respect for the Environment</li> <li>• Project Design and Management</li> </ul>

- Respect for Diversity and multiculturalism
- Demonstration of social, professional and moral responsibility and sensitivity to gender issues
- Exercise criticism and self-criticism
- Promoting free, creative and inductive thinking

### 3. SYLLABUS

1. Introductory concepts
2. Occupational accident statistics in Greece
3. Obligations of employers - Obligations and rights of employees
4. The role of the safety technician
5. The specialty of the occupational physician in the professional spaces
6. Labor inspection body
7. Accidents - First aid
8. The microclimate in the workplace
9. Lighting
10. Fire and fire protection
11. Noise in the workplace
12. Dangers of electricity
13. Chemical agents as an occupational hazard

A combination of teaching and learning methods will be used with the aim of active participation of students and the practical application of the topics under consideration: lectures using audiovisual media, analysis and discussion of case studies on real business issues, experiential (group) exercises, and relevant video. Students will also do individual or group work.

In addition, in eClass are posted in electronic form articles, audiovisual lecture material, web addresses, useful information, case studies and exercises for the practice of students.

### 4. TEACHING and LEARNING METHODS - EVALUATION

<b>DELIVERY</b>	Face -to-face, Distance learning	
<b>USE OF INFORMATION and COMMUNICATIONS TECHNOLOGY</b>	<ul style="list-style-type: none"> <li>• Support of the learning process through the University's AUA Open eClass platform (integrated e-Course Management System)</li> <li>• Support of lectures using presentation software</li> <li>• Use of audiovisual material</li> <li>• Interactive Teaching</li> <li>• Use of web applications</li> </ul> <p><b>Communication with students:</b> face to face at office hours, email, eClass platform</p>	
<b>TEACHING METHODS</b>	<i>Activity</i>	<i>Workload</i>

	Lectures (direct)	52
	<i>Writing paper/ papers</i>	32
	<i>Independent Study</i>	39
	<i>Advisory support</i>	0,5
	<i>Exams</i>	2
	<b>Course Total</b> <b>(Approximately 25 hours of workload per credit unit 125.5)</b>	<b>125,5 h</b>
<b>STUDENT PERFORMANCE EVALUATION</b>	<p>The evaluation process is in the language that the course is taught (Greek or English) and consists of:</p> <p>i. <u>Compulsory written final examination</u> at the end of the semester (weighting factor <b>70%</b> at least) which may include:</p> <ul style="list-style-type: none"> <li>• Multiple choice questionnaires</li> <li>• Open-ended questions</li> <li>• Problem solving</li> </ul> <p><b>Evaluation criteria:</b> correctness, completeness, clarity</p> <p>ii. <u>Optional written exam or essay</u> during the semester (weighting factor 30%)</p> <p><b>Evaluation criteria:</b> correctness, completeness, clarity</p> <p>m material is listed on the course website.</p> <p><b>learning difficulties:</b> Students with <b>special learning difficulties</b> in writing and reading (as they are certified and characterized by a competent body) are examined based on the procedure provided by the Department.</p> <p><b>Specifically-Defined Criteria:</b> 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.</p>	

## 5. ATTACHED BIBLIOGRAPHY

### ***Suggested Bibliography in Greek Language:***

- Παπακωνσταντίνου Κ. - Μπελιάς Χ. ,2007,Υγιεινή και Ασφάλεια Εργασίας Προστασία Περιβάλλοντος , εκδόσεις Rosili, ISBN 978-960-89407-0-3 , Κωδικός Εύδοξος 7374, Αθήνα.
- Ζωγόπουλος Ευστ., 2004,Υγιεινή και ασφάλεια στην εργασία , Εκδόσεις Κλειδάριθμος, ISBN 960-209-713-2, ISBN-13 978-960-209-713-7, Αθήνα.
- Ανδρεάδης Π. - Παπαϊωάννου Γ. ,1997,Ασφάλεια Εργαζομένου, Εκδόσεις ΙΩΝ, Αθήνα.
- Βελονάκης Μ.,1990, Υγεία Εργασία, Ιατρική της Εργασίας, Αθήνα.

- Δρίβας Σ., Ζορμπά Κ., Κουκουλάκη Θ. ,2001,Μεθοδολογικός οδηγός για την εκτίμηση και πρόληψη του επαγγελματικού κινδύνου, Ελληνικό Ινστιτούτο Υγιεινής και Ασφάλειας της Εργασίας, Αθήνα .
- Εργατοϋπαλληλικό Κέντρο Αθηνών – Τμήμα της Γενικής Συνομοσπονδίας Εργατών Ελλάδος,2004, Οδηγός για την υγεία και την ασφάλεια των εργαζομένων, Ελληνικό Ινστιτούτο Υγιεινής και Ασφάλειας της Εργασίας, Αθήνα.
- Θεοδωράτος Π.,1997, Υγιεινή, Ασφάλεια Εργασίας και Προστασία Περιβάλλοντος, Εκδόσεις ΙΩΝ, Αθήνα.
- Μαρχαβίλας Π.Κ., 2009,“Υγιεινή & Ασφάλεια Εργασίας-Διαχείριση του Επαγγελματικού Κινδύνου”, ISBN 978-960-418-171-1, Σελ. 300, Εκδόσεις Τζιόλα., Θεσσαλονίκη .
- Μαρχαβίλας Π.Κ.,2010, “Στοιχεία Δικαίου και Τεχνική Νομοθεσία”, ISBN 978-960-418-978-960-89407-0-3 227-5, Σελ. 380, Εκδόσεις Τζιόλα., Θεσσαλονίκη.

***Suggested Bibliography in English Language:***

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**Related academic Journals:**

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***Instructor's Notes***