



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
Α.ΔΙ.Π.  
ΑΡΧΗ ΔΙΑΣΦΑΛΙΣΗΣ & ΠΙΣΤΟΠΟΙΗΣΗΣ  
ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΣΤΗΝ ΑΝΩΤΑΤΗ  
ΕΚΠΑΙΔΕΥΣΗ

HELLENIC REPUBLIC  
H.Q.A.A.  
HELLENIC QUALITY ASSURANCE  
AND ACCREDITATION AGENCY

ΤΕΧΝΟΛΟΓΙΚΟ ΕΚΠΑΙΔΕΥΤΙΚΟ ΙΔΡΥΜΑ ΑΝΑΤΟΛΙΚΗΣ ΜΑΚΕΔΟΝΙΑΣ ΚΑΙ ΘΡΑΚΗΣ  
ΜΟΝΑΔΑ ΔΙΑΣΦΑΛΙΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΕΙ ΑΜΘ

## Quality Assurance in Higher Education Course Data Collection Form

ΤΕΧΝΟΛΟΓΙΚΟ ΕΚΠΑΙΔΕΥΤΙΚΟ ΙΔΡΥΜΑ  
ΑΝΑΤΟΛΙΚΗΣ ΜΑΚΕΔΟΝΙΑΣ & ΘΡΑΚΗΣ  
ΑΓΙΟΣ ΛΟΥΚΑΣ,  
65404 ΚΑΒΑΛΑ

EASTERN MACEDONIA AND THRACE  
INSTITUTE OF TECHNOLOGY  
AGIOS LOUKAS  
65404 KAVALA

## COURSE OUTLINE

### (1) GENERAL

<b>NAME &amp; SURNAME OF LECTURER</b>	CONSTANTINOS POTOLIAS		
<b>SCHOOL</b>	SCHOOL OF TECHNOLOGICAL ENGINEERING		
<b>ACADEMIC UNIT</b>	ELECTRICAL ENGINEERING		
<b>LEVEL OF STUDIES</b>	UNDERGRADUATE		
<b>COURSE CODE</b>	EN5	<b>SEMESTER</b>	5 <sup>ο</sup>
<b>COURSE TITLE</b>	LAGISLATION & SAFETY IN WORK PLACE		
<b>INDEPENDENT TEACHING ACTIVITIES</b> <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>	<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>	
LECTURES	3	3	
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
<b>COURSE TYPE</b> <i>general background, special background, specialised general knowledge, skills development</i>	General Background, Skills development		
<b>PREREQUISITE COURSES:</b>			
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>	GREEK		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	NO		
<b>COURSE WEBSITE (URL)</b>	<a href="http://eclass.teikav.edu.gr/ED117/">http://eclass.teikav.edu.gr/ED117/</a>		

### (2) LEARNING OUTCOMES

<p><b>Learning outcomes</b>  <i>The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.</i></p> <p><i>Consult Appendix A</i></p> <ul style="list-style-type: none"> <li>• <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</i></li> <li>• <i>Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i></li> <li>• <i>Guidelines for writing Learning Outcomes</i></li> </ul>
<ul style="list-style-type: none"> <li>• The course aims to introduce students to the concept of security in the workplace to gain knowledge about safe working environment assurance measures. Knowledge of risks and safety in the workplace is an essential condition to avoid accidents often can cost in human lives.</li> <li>• Analytical during the semester will be deepened in             <ul style="list-style-type: none"> <li>• Legal framework for the protection of workers</li> <li>• To improve working conditions institutions</li> <li>• The technical and security</li> <li>• In working doctor</li> <li>• The assessment and evaluation of occupational risk,</li> <li>• The safe use of electricity</li> </ul> </li> <li>• Protect from exposure to chemical, physical and biological agents.             <ul style="list-style-type: none"> <li>• The safe use of personal protective equipment</li> <li>• The safety labeling</li> </ul> </li> </ul>

<ul style="list-style-type: none"> <li>The objective of the course is to provide a positive starting point in the context of knowledge and information for effective decision and safe practices in the work of all and to avoid accidents.</li> </ul>																		
<p><b>General Competences</b>  <i>Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?</i></p> <table border="0"> <tr> <td><i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i></td> <td><i>Project planning and management</i></td> </tr> <tr> <td><i>Adapting to new situations</i></td> <td><i>Respect for difference and multiculturalism</i></td> </tr> <tr> <td><i>Decision-making</i></td> <td><i>Respect for the natural environment</i></td> </tr> <tr> <td><i>Working independently</i></td> <td><i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i></td> </tr> <tr> <td><i>Team work</i></td> <td><i>Criticism and self-criticism</i></td> </tr> <tr> <td><i>Working in an international environment</i></td> <td><i>Production of free, creative and inductive thinking</i></td> </tr> <tr> <td><i>Working in an interdisciplinary environment</i></td> <td>.....</td> </tr> <tr> <td><i>Production of new research ideas</i></td> <td><i>Others...</i></td> </tr> <tr> <td></td> <td>.....</td> </tr> </table>	<i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i>	<i>Project planning and management</i>	<i>Adapting to new situations</i>	<i>Respect for difference and multiculturalism</i>	<i>Decision-making</i>	<i>Respect for the natural environment</i>	<i>Working independently</i>	<i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i>	<i>Team work</i>	<i>Criticism and self-criticism</i>	<i>Working in an international environment</i>	<i>Production of free, creative and inductive thinking</i>	<i>Working in an interdisciplinary environment</i>	.....	<i>Production of new research ideas</i>	<i>Others...</i>		.....
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<p><i>Initial risk assessment in the workplace</i></p> <ul style="list-style-type: none"> <li>Autonomous work in each section of the safety issues in the workplace</li> <li>Teamwork</li> <li>Prepare a report occupational risk</li> </ul>																		

**(3) SYLLABUS**

<ol style="list-style-type: none"> <li>1: SAFETY IN THE WORKPLACE</li> <li>2: INSTRUMENTS TO IMPROVE WORKING CONDITIONS</li> <li>3: TECHNICAL SHEET</li> <li>4: DOCTOR WORKING</li> <li>5: OCCUPATIONAL RISK ASSESSMENT</li> <li>6: PROTECTION OF WORKERS FROM NATURAL, CHEMICAL AND BIOLOGICAL AGENTS</li> <li>7: PERSONAL PROTECTION</li> <li>8: SAFETY MARKS IN WORKPLACES</li> <li>9: SAFETY ON ELECTRICAL INSTALLATIONS</li> <li>10: HEALTH AND SAFETY AT WORK WITH VISUAL DISPLAY SCREENS</li> <li>11: HEALTH AND SAFETY IN SMALL CONSTRUCTION SITES</li> <li>12: FIRE PROTECTION FIRE SAFETY</li> </ol>
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**(4) TEACHING and LEARNING METHODS - EVALUATION**

<p><b>DELIVERY</b>  <i>Face-to-face, Distance learning, etc.</i></p>	In classroom												
<p><b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b>  <i>Use of ICT in teaching, laboratory education, communication with students</i></p>	<p>Lectures using Power Point presentations. Website of the course in e-class with supporting and auxiliary material which is updated at regular intervals.                      Software simulation Application.                      E-mail contact.</p>												
<p><b>TEACHING METHODS</b>  <i>The manner and methods of teaching are described in detail.</i>  <i>Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i></p> <p><i>The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of</i></p>	<table border="1"> <thead> <tr> <th><i>Activity</i></th> <th><i>Semester workload</i></th> </tr> </thead> <tbody> <tr> <td>Lectures</td> <td>39</td> </tr> <tr> <td>Homework</td> <td>16</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	<i>Activity</i>	<i>Semester workload</i>	Lectures	39	Homework	16						
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	Lectures	39											
	Homework	16											

<i>the ECTS</i>	Self study	20
	Course total (25 hours / ECTS)	75
<p style="text-align: center;"><b>STUDENT PERFORMANCE EVALUATION</b></p> <p><i>Description of the evaluation procedure</i></p> <p><i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other</i></p> <p><i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i></p>	<p><b>Theory:</b> Final writing examination where students solve different issues concerning Safety at Work place</p>	

### (5) ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

- Ελληνικό Ινστιτούτο Υγιεινής και Ασφάλειας της Εργασίας
- Π.Ανδρεάδης- Γ.Παπαιωάνου ΥΓΙΕΙΝΗ & ΑΣΦΑΛΕΙΑ ΕΡΓΑΖΟΜΕΝΟΥ. Εκδ. Σταμούλη, 2004 ISBN: 9604114263
- Παπακωνσταντίνου Κ. Μπελιάς Χρήστος ΥΓΙΕΙΝΗ & ΑΣΦΑΛΕΙΑ ΕΡΓΑΣΙΑΣ. Εκδ. Rosolí, 2007 ISBN: 9789608940703.
- Μουρούτσος Σ.Γ ΥΓΙΕΙΝΗ & ΑΣΦΑΛΕΙΑ ΣΤΗΝ ΕΡΓΑΣΙΑ, Εκδ. ΤΣΟΤΡΑΣ 2013, ISBN:9786185066062