

COURSE OUTLINE

(1) GENERAL

SCHOOL	ENGINEERING SCHOOL		
DEPARTMENT	CIVIL ENGINEERING DEPARTMENT		
LEVEL OF STUDIES	UNDER GRADUATE		
COURSE CODE	2305528	SEMESTER	E'
COURSE TITLE	COSTING CONSTRUCTION		
INDEPENDENT TEACHING ACTIVITIES <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>	WEEKLY TEACHING HOURS	CREDITS	
<i>Lectures</i>	2	3	
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	GENERAL BACKGROUND – GENERAL KNOWLEDGE		
PREREQUISITE COURSES:	-		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	NO		
COURSE WEBSITE (URL)	http://civil.teipir.gr/web/index.php?page=alias-20		

(2) LEARNING OUTCOMES

<p>Learning outcomes</p> <p><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"> • <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</i> • <i>Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i> • <i>Guidelines for writing Learning Outcomes</i> 		
<p>The course aims to examine issues that aimed at using accounting information for making projects costing decisions. In particular, the course examines the issues of training, monitoring and control of operational budgets, analysis of deviations that resulting from them, the qualifying investment projects, cost analysis - volume - profit and the decisions affecting those relations. At the same time, they present basic concepts and costing systems that concerns mainly costing works.</p> <p>(A) Cost of Public Works Process: Planning, Preliminary Design, Final Design , Application design , Tendering , budgeting Table , unit price analysis , Analysis articles A.T.O.E. , General contract terms A.T.O.E.</p> <p>(B) Cost Private Projects Process: Budgeting private project and supervisions Buildings works and facilities for the issuance of building permits. Calculation minimum wage pension topographical surveys compiled with specifications for issuance of building permits. Revisions permission for change of use, demolition , charges for the issue of building a new building permit, calculation of flat technicians required minimum wage .</p> <p>Upon completion of the course the students will be able to:</p> <ul style="list-style-type: none"> • Understand the basic concepts of cost and current trends in this field worldwide. • To utilize techniques , tools and costing methods in practice. • Know what methods , tools and techniques are suitable for the extraction and processing of information, depending on the decision to be taken . 		
<p>General Competences</p> <p><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 style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i> <i>Adapting to new situations</i> <i>Decision-making</i> <i>Working independently</i> <i>Team work</i> <i>Working in an international environment</i> <i>Working in an interdisciplinary environment</i> <i>Production of new research ideas</i> </td> <td style="width: 50%; vertical-align: top;"> <i>Project planning and management</i> <i>Respect for difference and multiculturalism</i> <i>Respect for the natural environment</i> <i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i> <i>Criticism and self-criticism</i> <i>Production of free, creative and inductive thinking</i> <i>.....</i> <i>Others...</i> <i>.....</i> </td> </tr> </table>	<i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i> <i>Adapting to new situations</i> <i>Decision-making</i> <i>Working independently</i> <i>Team work</i> <i>Working in an international environment</i> <i>Working in an interdisciplinary environment</i> <i>Production of new research ideas</i>	<i>Project planning and management</i> <i>Respect for difference and multiculturalism</i> <i>Respect for the natural environment</i> <i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i> <i>Criticism and self-criticism</i> <i>Production of free, creative and inductive thinking</i> <i>.....</i> <i>Others...</i> <i>.....</i>
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<p>Search, analysis and synthesis of data and information , using the necessary knowledge and especially: Case Studies for resolving different economic problems , cost - benefit are analyzed , which are directly associated with opportunity costs. Many companies use this technique to evaluate alternative investment programs .</p>		

(3) COURSE CONTENT

- 1) The Meaning and Importance of Management Accounting . Differences Between Finance and Management Accounting.
- 2) Concepts and Distinctions - cost categories
- 3) Behavior - Analysis and the Use of the Cost
- 4) Project Costing –Orders
- 5) Costing Process or Continuous Production
- 6) Cost -Based Operating Segments and Business Activities. The allocation process
- 7) Relationship between Cost and Volume Manufacturing . The Break Even Point.
- 8) Stock - Inventory Management Methods

- 9) The Standard Cost and Control of Imbalances . Table Balanced Target
 10) The Budget and Analysis the Forms
 11) Training Petitions during Departments / Projects
 12) Business decisions in Construction Engineering and Utility Costs
 13) Pricing and Tariff Policy of Projects

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	Face-to-face	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>	Teaching using ICT, Communication with students	
TEACHING METHODS <i>The manner and methods of teaching are described in detail. 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. 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 the ECTS</i>	Activity	Semester workload
	lectures	26
	Cases studies	14
	Personal study	35
	Total course	75
STUDENT PERFORMANCE EVALUATION <i>Description of the evaluation procedure 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 Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i>	Written examination: 80% written work, essay/report: 20%	

(5) ATTACHED BIBLIOGRAPHY

- 1. «Cost and Construction Budget»
 Moutsopoulou – Tsipra (2008), Edition Tziola (in Greek)**

2. «Cost Accounting»

Venieris G. (2005) edition PUBLISHING (in Greek)