

## COURSE OUTLINE: COMPUTER PROGRAMMING

### (1) GENERAL

<b>SCHOOL</b>	School of Economic Sciences		
<b>ACADEMIC UNIT</b>	Department of Accounting and Finance		
<b>LEVEL OF STUDIES</b>	Undergraduate		
<b>COURSE CODE</b>	AF709	<b>SEMESTER</b>	7 <sup>ST</sup>
<b>COURSE TITLE</b>	Computer Programming (Websites)		
<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 and exercises		3	5
<b>TOTAL</b>		<b>3</b>	<b>5</b>
<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		
<b>PREREQUISITE COURSES:</b>	None		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>	Greek		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	Yes		
<b>COURSE WEBSITE (URL)</b>	<a href="https://eclass.uowm.gr/courses/ACCFIN161/">https://eclass.uowm.gr/courses/ACCFIN161/</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>Consult Appendix A</p> <ul style="list-style-type: none"> <li>• Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</li> <li>• Descriptors for Levels 6, 7 &amp; 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</li> <li>• Guidelines for writing Learning Outcomes</li> </ul>		
<p>Upon successful completion of the course, the student will acquire knowledge and skills, enabling him to:</p> <ol style="list-style-type: none"> <li>1. Familiarize easily and correctly with the basic principles of website programming.</li> <li>2. Build complex and simple websites in the Wordpress and Joomla environments, but also to have the infrastructure in html, thus ending up in having created applications that run in a real environment.</li> </ol>		
<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 style="width: 100%; border: none;"> <tr> <td style="vertical-align: top;"> <p>Search for, analysis and synthesis of data and information, with the use of the necessary technology</p> <p>Adapting to new situations</p> <p>Decision-making</p> <p>Working independently</p> <p>Team work</p> <p>Working in an international environment</p> <p>Working in an interdisciplinary environment</p> <p>Production of new research ideas</p> </td> <td style="vertical-align: top;"> <p>Project planning and management</p> <p>Respect for difference and multiculturalism</p> <p>Respect for the natural environment</p> <p>Showing social, professional and ethical responsibility and sensitivity to gender issues</p> <p>Criticism and self-criticism</p> <p>Production of free, creative and inductive thinking</p> <p>.....</p> <p>Others...</p> <p>.....</p> </td> </tr> </table>	<p>Search for, analysis and synthesis of data and information, with the use of the necessary technology</p> <p>Adapting to new situations</p> <p>Decision-making</p> <p>Working independently</p> <p>Team work</p> <p>Working in an international environment</p> <p>Working in an interdisciplinary environment</p> <p>Production of new research ideas</p>	<p>Project planning and management</p> <p>Respect for difference and multiculturalism</p> <p>Respect for the natural environment</p> <p>Showing social, professional and ethical responsibility and sensitivity to gender issues</p> <p>Criticism and self-criticism</p> <p>Production of free, creative and inductive thinking</p> <p>.....</p> <p>Others...</p> <p>.....</p>
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The student with the comprehensive training and acquisition of specific knowledge and skills will be able to

- To understand basic concepts related to the creation of websites (e.g. websites, html, links, static and dynamic websites, web-server, url, domain name, etc.)
- To know the basic procedures that must be followed to publish a website on the internet.
- To compare and evaluate the various web development tools (e.g. design packages, programming languages, content management systems) and decide which are the most suitable (or which combination of these) for the creation of web presences aimed at meeting different communication needs.
- To design and create websites with the HTML and CSS markup language.
- To design and create websites with web design and development software based on HTML and CSS.
- To combine the knowledge acquired in the previous semester on image processing packages for the design of stylish and effective web presences.
- To adapt to the developments of web design and development tools and to redesign the online presences based on these developments.

### (3) SYLLABUS

Curriculum:

#### 1. Html

- a. What is html and css
- b. Basic structure of html
  - i. XML
  - ii. DOCTYPE
  - iii. Titles, paragraphs, headings
  - iv. Lists, links, images
  - v. Tables, forms

#### 2. Wordpress and Joomla

- a. Introductory Concepts
- b. Installation
- c. Wordpress environment and Joomla environment
- d. articles
- e. Multimedia
- f. Pages
- g. Comments
- h. Word processor
- i. Appearance
- j. Extras
- k. Tools
- l. Settings
- m. Application

#### (4) TEACHING and LEARNING METHODS - EVALUATION

<p style="text-align: center;"><b>DELIVERY</b></p> <p><i>Face-to-face, Distance learning, etc.</i></p>	Face-to-face and distance learning	
<p style="text-align: center;"><b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b></p> <p><i>Use of ICT in teaching, laboratory education, communication with students</i></p>	Use of the electronic platform e-class	
<p style="text-align: center;"><b>TEACHING METHODS</b></p> <p><i>The manner and methods of teaching are described in detail.</i></p> <p><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 the ECTS</i></p>	<b>Activity</b>	<b>Semester workload</b>
	lectures	38
	exercises	40
	written assignment	40
	Independent study	62
	Course total	<b>180</b>
<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 style="text-align: center;"><b>Assignment with presentation (100%)</b></p> <p style="text-align: center;"><b>Language of examination: Greek</b></p>	

#### (5) SUGGESTED BIBLIOGRAPHY

<ol style="list-style-type: none"> <li>1. Learn Wordpress Easily, Konstantinos Xarhakos</li> <li>2. Programming of Static and Dynamic Webpages, Alexandros Karakos</li> </ol>
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