

Web Development

Course Title	Web Development										
Course Code	TCOM-120										
Course Type	This course serves as both Elective and Requirement, according to the program.										
	<table border="1"> <tr> <td>Hospitality Bachelor</td> <td>Computer Elective</td> </tr> <tr> <td>Business Diploma/Bachelor</td> <td>Requirement</td> </tr> <tr> <td>All Programs</td> <td>General Elective</td> </tr> </table>		Hospitality Bachelor	Computer Elective	Business Diploma/Bachelor	Requirement	All Programs	General Elective			
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Level	Bachelor (1 st Cycle)										
Year / Semester	Year 2, A' Semester										
Teacher's Name	Costantina Elia										
ECTS	6	Lectures / week	3	Laboratories / week							
Course Purpose and Objectives	Through this course, the students will be introduced to the World Wide Web and to the principles of web design and HTML. Additionally, the basics on how to use web development tools like Fireworks, Dreamweaver and/or FrontPage for constructing and maintaining web sites will be taught. Due to the rapidly evolving nature of technology and the Internet, the development tools taught in this course may change.										
Learning Outcomes	<p>Upon completion of this course students will be able to:</p> <ol style="list-style-type: none"> 1. Understand the structure and operation of the World Wide Web. 2. Create HTML web pages. 3. Enhance web pages using JavaScript. 4. Incorporate graphics and animation into websites. 5. Understand the fundamentals of web development tools. 6. Become acquainted with Macromedia Fireworks, Dreamweaver and/or FrontPage for development of their own web sites. 										
Prerequisites	TCOM – 100 Computer Applications			Required							

Course Content	<ol style="list-style-type: none"> 1. Introduction to the Internet and the World Wide Web, browsers and navigation 2. Introduction to HTML 3. Text formatting 4. Tables, frames, forms 5. Metadata 6. DHTML 7. JavaScript 8. Images & Objects, animation, audio, video. 9. Training on Web development tools. 														
Teaching Methodology	The course is delivered through lectures, demonstrations and practical sessions.														
Mode of delivery	Face to face.														
Bibliography	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: left;">Required</td> </tr> <tr> <td colspan="2">1. Deitel Harvey, Paul and Associates, <i>Internet & World Wide Web: How to program</i>, 4th ed., 2007, Prentice Hall.</td> </tr> <tr> <td colspan="2" style="text-align: left;">Recommended</td> </tr> <tr> <td colspan="2">1. O'Reilly & Associates, <i>Web Design in a Nutshell</i>, 2nd ed., 2001.</td> </tr> <tr> <td colspan="2">2. Lon Coley Que, <i>How to Use Dreamweaver MX and Fireworks MX</i>, 2002.</td> </tr> <tr> <td colspan="2">3. Heather Williamson, <i>FrontPage 2002 from A to Z: A Quick Reference of More Than 300 FrontPage Tasks, Terms and Tricks</i>, Readmond Technology Inc., 2001.</td> </tr> <tr> <td colspan="2">4. Paul Heltzel, Sams, <i>How to Use Microsoft FrontPage 2002</i>, 1st ed., 2001.</td> </tr> </table>	Required		1. Deitel Harvey, Paul and Associates, <i>Internet & World Wide Web: How to program</i> , 4th ed., 2007, Prentice Hall.		Recommended		1. O'Reilly & Associates, <i>Web Design in a Nutshell</i> , 2 nd ed., 2001.		2. Lon Coley Que, <i>How to Use Dreamweaver MX and Fireworks MX</i> , 2002.		3. Heather Williamson, <i>FrontPage 2002 from A to Z: A Quick Reference of More Than 300 FrontPage Tasks, Terms and Tricks</i> , Readmond Technology Inc., 2001.		4. Paul Heltzel, Sams, <i>How to Use Microsoft FrontPage 2002</i> , 1 st ed., 2001.	
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Assessment	<p>The following assessment methods are employed to assess this course:</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">30 – 50 %</td> <td style="padding: 5px;">Final Exam</td> </tr> <tr> <td style="padding: 5px;">20 – 40 %</td> <td style="padding: 5px;">Mid –Term / Tests / Quizzes</td> </tr> <tr> <td style="padding: 5px;">10 – 30 %</td> <td style="padding: 5px;">Assignments / Projects</td> </tr> <tr> <td style="padding: 5px;">0 – 10 %</td> <td style="padding: 5px;">Class Attendance & Participation</td> </tr> </table>	30 – 50 %	Final Exam	20 – 40 %	Mid –Term / Tests / Quizzes	10 – 30 %	Assignments / Projects	0 – 10 %	Class Attendance & Participation						
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Language	English														