

INTERNATIONAL ACADEMY OF DESIGN & TECHNOLOGY
LAS VEGAS, NV
Master Course Outline

Course Title:	Web Design I
Course Number:	DESIGN110
Instructor Name:	
Instructor Email and Contact Information:	TBA (Ex: Teacher Name, Email Address, Phone Number, and Office Hours)
Credit/Clock Hours:	4 Credit Hours 50 Contact Hours
Course Length:	10 Weeks
Course Schedule:	TBA (Ex: Term Dates & Class Meeting times)
Unit of Academic Measurement (Select One):	<input type="checkbox"/> Clock Hours <input checked="" type="checkbox"/> Quarter System <input type="checkbox"/> Semester System
Prerequisites:	None
Course Description:	This course focuses on the fundamentals of web creation and usage. Browsers, Internet terminology, and Internet usage will be addressed. Use of XHTML in the creation of web design will be discussed. The course will provide an introduction to graphic web applications and the development of a web site.
Learning Objectives:	Upon completion of this course, the student should be able to: <ul style="list-style-type: none"> • Define and explain core concepts concerning the Internet and the World Wide Web; • Examine the aesthetic considerations of web site design; • Identify and define variations between browser versions; • Explain a basic understanding of how browsers process markup languages and various MIME file types; • Define various Internet related protocols and their typical usage; • Describe XHTML and CSS elements and attributes and their treatment in the browser environment; • Design and implement completed web documents using

	<p>XHTML, which include images as well as multimedia file types; and</p> <ul style="list-style-type: none"> • Troubleshoot and correct problem areas in third party XHTML documents. 																						
Instructional Methods:	<table border="0"> <tr> <td><input type="checkbox"/> Case Study</td> <td><input checked="" type="checkbox"/> Collaborative Learning</td> </tr> <tr> <td><input type="checkbox"/> Debate</td> <td><input checked="" type="checkbox"/> Demonstration</td> </tr> <tr> <td><input type="checkbox"/> Didactic Questioning</td> <td><input type="checkbox"/> Drill and Practice</td> </tr> <tr> <td><input type="checkbox"/> Experimentation</td> <td><input type="checkbox"/> Field Trip</td> </tr> <tr> <td><input type="checkbox"/> Games</td> <td><input type="checkbox"/> Inquiry</td> </tr> <tr> <td><input checked="" type="checkbox"/> Lectures</td> <td><input type="checkbox"/> Small Group Discussion</td> </tr> <tr> <td><input checked="" type="checkbox"/> Large Group Discussion</td> <td><input type="checkbox"/> Multimedia</td> </tr> <tr> <td><input checked="" type="checkbox"/> Observation</td> <td><input type="checkbox"/> Problem Solving</td> </tr> <tr> <td><input checked="" type="checkbox"/> Research</td> <td><input type="checkbox"/> Role Playing</td> </tr> <tr> <td><input type="checkbox"/> Simulation</td> <td><input type="checkbox"/> Text Presentation</td> </tr> <tr> <td><input type="checkbox"/> Threaded Discussion</td> <td></td> </tr> </table>	<input type="checkbox"/> Case Study	<input checked="" type="checkbox"/> Collaborative Learning	<input type="checkbox"/> Debate	<input checked="" type="checkbox"/> Demonstration	<input type="checkbox"/> Didactic Questioning	<input type="checkbox"/> Drill and Practice	<input type="checkbox"/> Experimentation	<input type="checkbox"/> Field Trip	<input type="checkbox"/> Games	<input type="checkbox"/> Inquiry	<input checked="" type="checkbox"/> Lectures	<input type="checkbox"/> Small Group Discussion	<input checked="" type="checkbox"/> Large Group Discussion	<input type="checkbox"/> Multimedia	<input checked="" type="checkbox"/> Observation	<input type="checkbox"/> Problem Solving	<input checked="" type="checkbox"/> Research	<input type="checkbox"/> Role Playing	<input type="checkbox"/> Simulation	<input type="checkbox"/> Text Presentation	<input type="checkbox"/> Threaded Discussion	
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Course Website	Course materials are accessible via the student portal.																						
Email Account	Students will be provided with a personal email account upon admission to the program (e.g. JohnDoe22@IADTOnline.com). Students are responsible for checking this email account, as it will be used for purposes of communication between instructor and student.																						
Required Textbook(s)	Castro, Elizabeth. <i>HTML for the World Wide Web with XHTML</i> . Peachpit Press. 5 th ed. 2005. ISBN-13: 978-0321423337 ISBN-10: 032142333X																						
Optional Textbook(s)																							
Additional Required Resources & Supplies:	External storage device																						

Assessment Criteria:	Assessment Exercise		Percentage of Total Grade
		Projects	
	Examinations / Quizzes		20%
	Classroom Activities and Participation		10%
	TOTAL		100%
Grading Scale	Letter Code	Description and Percentage Range	
	A	100 - 90	
	B	89 - 80	
	C	79 – 70	
	D	69 – 60	
	F	59 and below	
Library Assignment(s):	<p>Information literacy is defined by the American Library Association as the ability to “recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information.” The development of information literacy has been defined as a learning outcome for this program and as a learning objective for this course. Students in this course will be required to:</p> <ul style="list-style-type: none"> • Define the need for information required to solve problems; • Effectively access needed information; • Critically evaluate information and its sources; • Utilize information effectively to solve problems; and • Adhere to copyright policies and standards for citation. <p>Opportunities for the development of skills in information literacy and use of the CECybrary will be determined by the instructor through specific assignments and activities.</p>		
Portfolio Assignment:	<p>Program portfolios provide a recommended and demonstrable means to assess student competencies. The instructor for this class will provide students will an opportunity to select an assignment from those required for inclusion as part of the program portfolio.</p>		

Topical Outline:

Week Number	Description of Content
1	History of the Internet, the World Wide Web, and Client-Server Relationships Introduction to HTML skeleton Document type tags Basic HTML structure
2	Files, Paths and Directories Images, files, and links with HTML Graphics for the Web
3	Rules and validation of XHTML Metatags
4	Introduction to multi-page web sites Page navigation strategies Interface design
5	Creation of multi-page web sites Page navigation strategies Interface design
6	Introduction to external style sheets
7	Color and Typography
8	IDs and Classes
9	Divs and Spans
10	Box Model