

**BRAZOSPORT COLLEGE**

**LAKE JACKSON, TEXAS**

**SYLLABUS**

**IMED 1316: WEB PAGE DESIGN I**

**COMPUTER TECHNOLOGY & OFFICE ADMINISTRATION DEPARTMENT**

**CATALOG DESCRIPTION**

**IMED 1316 Web Page Design I. CIP 1108010007**

Instruction in Web page design and related graphic design issues including mark-up languages, websites, and browsers. (3 SCH, 2 lecture, 2 lab)

*Prerequisite: ITSC 1401 and ITSC 1305 or approval of the division chair.*

*Required skill level: College-level reading and writing.*

PREPARED BY:	_____	DATE:	_____
	INSTRUCTOR		
RECOMMENDED BY:	_____	DATE:	_____
	DIVISION CHAIRMAN		
RECOMMENDED BY:	_____	DATE:	_____
	DEAN		
APPROVED:	_____	DATE:	_____

*The Brazosport College District shall not discriminate against, or exclude from participation in any benefits or activities either on the staff or in the student body, any person on the grounds of sex, race, color, religion, national origin, age, or handicap.*

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**COURSE EVALUATION**

**STUDENT EVALUATION**

- A. Major Tests/Exams will account for no more than 55% of the total grade.
- B. Web page projects, quizzes, and other assignments will account for no more than 20% of the total grade.
- C. Final Exam will account for no more than 25% of the total grade.

**INSTRUCTOR EVALUATION**

- A. Students will be given an opportunity to evaluate their instructor and the course content.
- B. The instructor will review and evaluate in terms of withdrawal rate.
- C. Final grades given will be reviewed in an effort to determine if a pattern of high or low grades exists.

**DEPARTMENT EVALUATION OF COURSE**

- A. Faculty and the Division Chair will review students' grades and withdrawal trends.
- B. Faculty and the Division Chair will review the Course Competencies and Perspectives Assessment.

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**COURSE CONTENT**

**GENERAL GOALS/OBJECTIVES**

Students will demonstrate web page authoring and design techniques for web pages and web sites and evaluate and use related graphic design issues, mark-up languages, and browsers.

**SPECIFIC GOALS/OBJECTIVES**

1. Students will be able to identify, describe, or explain terminology and concepts used in Internet and World Wide Web environments. Terminology and concepts to be assessed will be identified on major exam study guides and in lectures.
2. Students will demonstrate the ability to manage data file storage on local and remote computers including uploading files through application programs or File Transfer Protocol to a Web server.
3. Students will demonstrate web page design concepts.
4. Students will demonstrate the use of HTML, HTML5 and CSS3 language syntax, coding, and editing.

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**LEARNING OUTCOMES**

1. Students will be able to identify, describe, or explain terminology and concepts used in Internet and World Wide Web environments. Terminology and concepts to be assessed will be identified on major exam study guides and in lectures.  
*Course Objective 1 will be successfully achieved by successfully answering questions in the course lab work and major exams.*
2. Students will demonstrate the ability to manage data file storage on local and remote computers including uploading files through application programs or File Transfer Protocol to a Web server.  
*Course Objective 2 will be successfully achieved by successfully demonstrated in the course lab work and hands-on portions of the major exams.*
3. Students will demonstrate web page design concepts.  
*Course Objective 3 will be successfully achieved by successfully demonstrated in the course lab work and hands-on portions of the major exams.*
4. Students will demonstrate the use of HTML, HTML5, and CSS3 language syntax, coding, and editing.  
*Course Objective 4 will be successfully achieved by successfully demonstrated in the course lab work and hands-on portions of the major exams.*

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**Instructor:** Ruscito, Diane  
**Office Phone:** (979) 230-3340  
**Alternate Phone:**

**Office:** D.224B  
**E-mail:** [Diane.Ruscito@brazosport.edu](mailto:Diane.Ruscito@brazosport.edu)  
**Website:** <http://www.brazosport.edu/faculty-staff/directory/DianeRuscito/Pages/default.aspx>

## **COURSE DESCRIPTION**

Instruction in Web page design and related graphic design issues including mark-up languages, websites, and browsers. CIP 1108010007 (3 SCH, 2 lecture, 2 lab)

## **PREREQUISITES**

ITSC 1401 and ITSC 1305 or approval of the Division Chair; College-level reading and writing.

## **TEXTBOOK OR COURSE MATERIAL INFORMATION**

All course content, instructions, exams, and assignments are provided through the web application D2L. Contact instructor or helpdesk for help in obtaining course access.

Carey, Patrick, *New Perspectives HTML and CSS 6<sup>th</sup> Edition Comprehensive*, Cengage Learning. ISBN: 978-1-111-52644-3.

Students will need a USB drive or floppy diskettes to store assignments for backup of their data files and web sites.

## **LAB REQUIREMENTS**

Software is provided in the BC computer lab F-229 for student use. Students may use the lab any time it is not being used for another class (schedules are posted by doors). **Brazosport College does NOT provide versions of the software used in this course for use outside of the lab.**

## **ATTENDANCE AND WITHDRAWAL POLICIES**

It is the student's responsibility to withdraw from a course if circumstances occur that could prevent the student from successfully completing that course. Students should notify instructor of decision to withdraw and must not expect nor assume the instructor will complete the paperwork for the student. The instructor will complete required paperwork only if the instructor decides to drop a student for cause. Failure to notify instructor of withdrawal could result in the student failing the course.

Please note that changes in the Texas Education Code state that students enrolling for the first time in a Texas public institution of higher education in the fall of 2007 or after, will not be permitted to withdraw from more than a total of six courses (no minimum number of credit hours on each course) in which the student is officially enrolled during the student's period of undergraduate study at all such institutions (this includes any course a transfer student has dropped at another institution of higher education). See <http://www.brazosport.cc.tx.us/CurStu.html> for more information.

**Instructor-initiated Withdrawal:** The instructor has the right to withdraw students from the course for non-participation or excessive absences.

Fall and Spring 15-week Semesters	
Class Meetings	Maximum absences before being dropped
One per week	2
Two per week	4

## COURSE REQUIREMENTS AND GRADING POLICIES

Student performance objectives will be met by exams, programming assignments, and other assignments. Each exam and assignment will be graded and your final grade will be determined as a weighted average of the grades as follows:

Major Tests/Exams	55%
Web Page Projects, Quizzes, and other Assignments	20%
Final Exam	25%
	<hr/> 100%

Student letter grade for the course is based on these percentages:

A	90% or better
B	80-89%
C	70-79%
D	60-69%
F	Below 60%

## TESTING

**Major Exams** for this course are listed on the class schedule. There will be a comprehensive final exam for this course.

**Quizzes** will be given at the beginning (be on time) of every lab meeting day (see weekly schedule), except when a major test is scheduled, and will cover material related to assignments (which means you are expected to come to class prepared). Read the chapter **BEFORE** you come to class! Quizzes **CANNOT** be made up. At the end of the semester, the instructor will drop the lowest quiz score.

## MAKE-UP POLICY

If a student misses a test for a reason the instructor deems legitimate, the student **may** be allowed a make-up test if it is taken within one week of the originally-scheduled test date and before the next lab meeting time. It is the responsibility of the student to contact the instructor to arrange a make-up **BEFORE** the next lecture starts at the end of the one-week period. No make-ups will be allowed after the one week period.

There will be **no make-up quizzes** in this course.

All assignments are to be submitted on time as indicated in the class schedule and assignment instructions. **Late assignments or web design projects resulting from failure to keep up in the course will not be accepted, resulting in a score of 0 (zero), *unless the student has previously been approved for late submission by the instructor* because of extenuating circumstances.**

## **STUDENT RESPONSIBILITIES**

Students **are required to retain backup copies of your files, assignments, and web design projects** in case that your work is lost, corrupted, etc.

Students are required to make the necessary arrangements for media transfer conversion processes required for submitting web page design projects.

As a web page programmer, students will be expected to meet project deadlines. Use this course to build and demonstrate your project and time management skills.

Students are also expected to take care of the equipment in the classroom. **PLEASE DO NOT BRING FOOD, DRINKS, OR UNAUTHORIZED PERSONS INTO THE CLASSROOM.**

**PROJECTS, ASSIGNMENTS, PORTFOLIOS, SERVICE LEARNING, INTERNSHIPS, etc.**

See schedule.

## **SCANS COMPETENCIES**

The Secretary's Commission on Achieving Necessary Skills (SCANS) identified competencies in the areas of Resources, Interpersonal, Information, Systems, and Technology; and foundation skills in the areas of Basic Skills, Thinking Skills, and Personal Qualities. This course is part of a program in which each of these competencies and skills are integrated. For application of specific SCANS competencies and skills in this course, see **Addendum A**.

## **ACADEMIC HONESTY**

Brazosport College assumes that students eligible to perform on the college level are familiar with the ordinary rules governing proper conduct including academic honesty. The principle of academic honesty is that all work presented by you is yours alone. Academic dishonesty, including, but not limited to, cheating, plagiarism, and collusion shall be treated appropriately. Please refer to the Brazosport College Student Guide for more information. This is available online at <http://www.brazosport.edu> (click on the link found on the right side of the homepage).

**In a programming course, students may discuss programming language exercises ONLY in pseudo-code terminology but are not authorized to share exact programming language syntax unless specifically authorized by the instructor. Do not share hardcopy printouts or samples of your software code of your work with others unless instructed to do so.**

Ask the instructor if you need clarification or assistance.

## **STUDENTS WITH DISABILITIES**



Brazosport College is committed to providing equal education opportunities to every student. Brazosport College offers services for individuals with special needs and capabilities including counseling, tutoring, equipment, and software. Please contact the Special Populations Counselor at (979) 230-3236 for further information.

## **OTHER STUDENT SERVICES INFORMATION**

Information about the Brazosport College Library is available at [www.brazosport.edu/sites/CurrentStudents/Library/default.aspx](http://www.brazosport.edu/sites/CurrentStudents/Library/default.aspx) or by calling (979) 230-3310.

Information about study skills and tutoring for math, reading, writing, biology, chemistry, and other subjects is available in the Learning Assistance Center (LAC) (see [www.brazosport.edu/sites/CurrentStudents/LAC/default.aspx](http://www.brazosport.edu/sites/CurrentStudents/LAC/default.aspx) or call (979) 230-3253.

To contact the Computer Technology & Office Administration Division, call (979) 230-3229 or (979) 230-3394.

Student Services provides assistance in the following:

Counseling and Advising	(979) 230-3040
Financial Aid	(979) 230-3294
Student Activities	(979) 230-3355

To reach the Information Technology Department for computer, E-mail, or other technical assistance, call the Helpdesk at (979) 230-3266.

## ADDENDUM A

SCANS COMPETENCIES		
IMED 1316 – WEB PAGE DESIGN I		
Competency Reference		Application
1.	<b>Resource</b> Time Management, Facilities/Materials, Human Resources	Students are required to use a computer and software to enter their web design projects. They will also be required to compile, link and execute their program using the proper commands and HTML syntax.
2.	<b>Interpersonal</b> Leadership, Part. as Team Member, Works with Diversity	Chat room discussions and email exchanges will be used by the student to interact with others in the course.
3.	<b>Information</b> Acquiring, Organizing, Interpreting	This entire course requires students to acquire their output (results), analyze them for correctness, and if necessary, return to the computer to correct their mistakes in design or HTML programming.
4.	<b>Systems, Understanding</b> Organizational Syst. Technological Systems, Social Systems	Students are always having to monitor, correct, and improve their projects.
5.	<b>Technology</b> Selecting, Applying, Maintaining	Students practice applying technology to the programming projects they are assigned.
6.	<b>Basic Skills</b> Reading, Writing, Mathematics, Speaking, Listening	The students are required to read the text and design web projects throughout the course.
7.	<b>Thinking Skills</b> Decision Making, Problem Solving, Learning Techniques	Students will complete web design projects and think through many other objectives.
8.	<b>Personal Qualities</b> Responsibility, Sociability, Integrity/Honesty	It is the individual's responsibility to have their assignments in on time, to write their own web design projects, and manage their time and assignments.

# IMED 1316 — Web Page Design I - Spring 2014

## Class Schedule

*\*\* The instructor reserves the right to modify this schedule as needed.*

Date		Topics	Assignments
Mon.	1/13/14	Course Introduction Syllabus and Schedule BCnet Student Accounts	
Wed.	1/15/14	Tutorial 1 – Getting Started with HTML5	Lab 1 (see D2L Checklist for Lab 1)
Mon.	1/20/14	HOLIDAY – COLLEGE CLOSED - NO CLASSES	
Wed.	1/22/14	<b>Quiz 1 – Tutorial 1</b> Tutorial 1 Hands-On Projects	
Mon.	1/27/14	Tutorial 2 – Developing a Web Site	Lab 2 (see D2L Checklist for Lab 2)
Wed.	1/29/14	<b>Quiz 2 – Tutorial 2</b> Tutorial 2 Hands-On Projects	
Mon.	2/3/14	Tutorial 3 – Designing a Web Page with CSS	Lab 3 (see D2L Checklist for Lab 3)
Wed.	2/5/14	<b>Quiz 3 – Tutorial 3</b> Tutorial 3 Hands-On Projects	
Mon.	2/10/14	Tutorial 4 – Creating Page Layouts with CSS	Lab 4 (see D2L Checklist for Lab 4)
Wed.	2/12/14	Test #1 - Review Tutorial 4 Hands-On Projects	
Mon.	2/17/14	<b>Test #1 Covers Chap 1 - 4</b>	
Wed.	2/19/14	Tutorial 5 – Working with Tables and Columns	Lab 5 (see D2L Checklist for Lab 5)
Mon.	2/24/14	<b>Quiz 4 – Tutorial 5</b> Tutorial 5 Hands-On Projects	
Wed.	2/26/14	Tutorial 6 – Creating a Web Form	Lab 6 (see D2L Checklist for Lab 6)
Mon.	3/3/14	Tutorial 6 Hands-On Projects	
Wed.	3/5/14	Tutorial 7 – Designing a Multimedia Web Site	Lab 7 (see D2L Checklist for Lab 7)
Mon.	3/10/14	<b>SPRING BREAK WEEK – NO CLASSES</b>	
Wed.	3/12/14	<b>SPRING BREAK WEEK – NO CLASSES</b>	
Mon.	3/17/14	Tutorial 7 Hands-On Projects	
Wed.	3/19/14	Tutorial 8 – Enhancing a Web Site with Advanced CSs	Lab 8 (see D2L Checklist for Lab 8)

Mon.	3/24/14	Tutorial 8 Hands-On Projects	
Wed.	3/26/14	<b>Last Day to Withdraw from any classes is March 28<sup>th</sup></b> Test #2 – Review	
Mon.	3/31/14	<b>Test #2 Covers Tutorials 5-8</b>	
Wed.	4/2/14	Tutorial 9 – Working with XHTML	Lab 9 (see D2L Checklist for Lab 9)
Mon.	4/7/14	Tutorial 9 – Working with XHTML (Cont'd)	
Wed.	4/9/14	Tutorial 9 Hands-On Projects	
Mon.	4/14/14	Tutorial 10 – Programming with Javascript	Lab 10 (see D2L Checklist for Lab 10)
Wed.	4/16/14	Tutorial 10 – Programming with Javascript (Cont'd)	
Mon.	4/21/14	Tutorial 10 Hands-On Projects	
Wed.	4/23/14	Lab Day – Complete missing work	
Mon.	4/28/14	<b>Course Review &amp; Hands-on Lab Final Prep</b>	
Wed.	4/30/14	<b>Hands-On Lab Final</b>	
Mon.	5/5/14	<b>Written Final Exam</b>	