



INTRODUCTION TO WEB PAGE PRODUCTION

Course Syllabus

Date 11/28/11

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COURSE NUMBER: IST 222 HYBRID

PREREQUISITE(S): CPT 114 with minimum grade of "C" or equivalent.

CO-REQUISITE(S): None

COURSE DESCRIPTIONS: This course is a study of the operation and function of the Internet. This course also covers concepts associated with establishing and maintaining Internet connectivity.

TEXTBOOK(S): Felke-Morris, Terry. Web Development & Design Foundations with XHTML, 5th Edition. Pearson/Prentice Hall, New Jersey 2011. ISBN: 978-0-13-212270-2

REFERENCE(S): None

OTHER REQUIRED MATERIALS, TOOLS, AND EQUIPMENT: A computer with Internet access, Internet Explorer 5.0 (or higher) or other current browser, word processing software (must be able to save in a Microsoft Word format), a text editor such as Notepad or Notepad++, and an up-to-date copy of an anti-virus software program. Check the Technical requirements for Blackboard by visiting <http://online.sccsc.edu/techreq.htm>. To check for browser compatibility, click on the **Browser Tuneup** link under "Supported Browsers". Follow the instructions to install browser plug-ins or other software so that your computer will be able to function properly in Blackboard.

USB drive to back up files.

METHOD OF INSTRUCTION: Lecture/Demonstration/Lab Exercises/Quizzes/Tests/Final Project

GRADING SYSTEM:

90	-	100	=	A
80	-	89	=	B
70	-	79	=	C
60	-	69	=	D
Below	-	60	=	F

**GRADE
CALCULATION
METHOD:**

Discussion Questions	=	10%
Tests (includes a Final Exam)	=	40%
Quizzes	=	15%
Hands-on Assignments/Case Study	=	20%
Final Project	=	<u>15%</u>
	=	100%

**ATTENDANCE
POLICY:**

The student is responsible for punctual and regular attendance in all classes, laboratories, clinical, practica, internships, field trips, and other required class activities. The College does not grant excused absences; therefore, students are urged to reserve their absences for emergencies. When illness or other emergencies occur, the student is responsible for notifying instructors and completing missed work if approved for late submission by instructors.

The student is tardy if not in class at the time the class is scheduled to begin and is admitted to class at the discretion of the instructor.

Instructors maintain attendance records. However, it is the student's responsibility to withdraw from a course. A student enrolling in and attending at least one course session remains enrolled until the student initiates a withdrawal.

Withdrawal Policy: During the first 75% of the course, a student may initiate withdrawal and receive a grade of W. A student cannot initiate a withdrawal during the last 25% of the course. Extenuating circumstances require documentation and approval by the appropriate department head and academic dean.

Absences for Religious Holidays: Students who are absent from class in order to observe religious holidays are responsible for the content of any activities missed and for the completion of assignments occurring during the period of absence. Students who anticipate their observance of religious holidays will cause them to be absent from class and do not wish such absences to penalize their status in class should adhere to the following guidelines:

1. Observance of religious holidays resulting in three or fewer consecutive absences: Discuss the situation with the instructor and provide written notice at least one week prior to the absence(s). Develop (in writing) and instructor-approved plan which outlines the make up of activities and assignments.

2. Observances of religious holidays resulting in four or more consecutive absences: Discuss the situation with the instructor and provide the instructor with written notice within the first 10 days of the academic term. Develop an instructor-approved plan with outlines the make up of activities and assignments.

**CLASSROOM
CONDUCT:**

ACADEMIC DISHONESTY: Students are expected to uphold the integrity of the College's standard of conduct, specifically in regards to academic honesty. All forms of academic dishonesty including, but not limited to, cheating on assignments/tests, plagiarism, collusion, and falsification of information will call for disciplinary action. Disciplinary action imposed may include one or more of the following: written reprimand, loss of credit for assignment/test, termination from course, and probation, suspension, or expulsion from the College. For further explanation of this and other conduct codes, please refer to the Student Handbook.

CELLULAR PHONES AND PAGERS/BEEPERS: Cellular phones, pagers and beepers are not permitted to be turned on or used within the classroom. Use of these devices during classroom time will be considered a violation of the student code as it relates to “disruptive behavior.”

**CLASS/LAB
PROCEDURES:**

This is a combination lecture/lab class and uses Blackboard as a supplement for submitting homework assignments, answering discussion questions and taking quizzes/tests. It is the responsibility of the student to read and follow each assigned chapter, reference the material available on the web site, post answers to the discussion topics, utilize any online reference materials available, and submit required assignments. Contact the instructor with any questions or concerns.

If additional assistance is needed to complete projects, The Learning Center (TLC) is located in the East Building in rooms E-2 and E-5. Please check the SCC website at www.sccsc.edu to access the hours of availability. If you are having extreme difficulties, contact your instructor directly.

Discussion Questions: Discussion questions will be posted on the Discussion Board. Be sure to check the Weekly Schedule and calendar to check availability and due dates. These constitute 10% of your final grade.

Tests: All tests will be taken on Blackboard. Tests will be released over a 2-day period with a time limit of 40 minutes

with 50 multiple choice questions. Please do not wait until the last minute of the second day to take the test. Always plan to take the test the first day in case there is a problem. Be sure to check your Weekly Schedule for test dates/times.

If any test is not taken during the specified time frame, the test grade will be recorded as a zero. ***No makeup tests will be allowed, except in extenuating circumstances as determined by the instructor.*** If the student notifies the Instructor in advance, arrangements may be made to take a test early.

Quizzes: There will be a quiz for each chapter (Chapters 1-12) administered on Blackboard. These quizzes will consist of ten (10) True or False questions over the chapter material. Students have 10 minutes to take the quiz. ***The quizzes cannot be made up;*** however the two lowest quiz grades will be dropped. See your Weekly Schedule for quiz dates/times.

End-of-Chapter Hands-On Exercises and Case Studies: All chapter assignments must be completed, placed inside a folder, zipped and uploaded to the Assignment Drop Box in Blackboard according to the Weekly Schedule. ***No homework will be accepted late;*** the Assignment Drop Box will not allow late submissions. Please do not email assignments.

Final Project: The Final Project will be a personal web site to be created using XHTML. The evaluation will be based on completeness and accuracy according to the criteria stated in the Final Project assignment. This project is due at the end of the semester, as noted on the Weekly Schedule.

Final Exam: There will be a cumulative (objective questions) at the end of the semester. The grade received on that test will be averaged in with the other tests that are given throughout the semester. Everyone is required to take the Final Exam.

ACCOMMODATIONS: Students who need special accommodations in this class because of a documented disability should notify Student Disability Services by calling (864) 592-4818, toll-free 1-800-922-3679; via email through the SCC web site at www.sccsc.edu/resources/disabilities; or by visiting the office located in the East Building Room 30-B on the SCC Central campus. Contacting Student Disability Services early in the semester gives the College an opportunity to provide

necessary support services and appropriate accommodations.

The Learning Center, located in the rooms E-2 & E-5 of the East Building, provides computers for your use. Check the website <http://www.sccsc.edu/resources/tutoring/tlc> or call 592-4968 for current semester operating hours.

Inclement Weather Schedule:

- Check SCC Web Site: www.sccsc.edu
- Tune to **Channel-7** Local T.V. Station (CBS)
- Tune to an FM/AM Local radio station

Program Department Chair

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**COURSE OUTCOMES
& OBJECTIVES:**

Upon satisfactory completion of this course, the student will be able to:

- I. Identify and use basic XHTML tags to create web pages
- II. Use multiple tools to validate web pages
- III. Utilize Cascading Style Sheets (CSS)
 - A. Use CSS to format Web page layout
 - B. Validate CSS styles on a Web page
- IV. Create and use graphical elements and images
 - A. Create and format lines and borders
 - B. Decide when to use graphics
 - C. Determine appropriate graphics
 - D. Follow recommended Web design guidelines for using graphics
- V. Basics of web site design and development
 - A. Organize and layout a web site
 - B. Host a website
 - C. Understand best practices for web site design
 - D. Troubleshoot browser issues
 - E. Promote web site using search engines and other available promotion options
- VI. Create tables and forms
 - A. Use tables to organize Web page content

- B. Understand how tables can simplify Web page layout
 - C. Use CSS to enhance the style of tables
- VII. Use multimedia and interactivity on a web page
- A. Understand the difference between helper applications and plug-ins
 - B. Use sounds and video in a web page
 - C. Add interactivity using JavaScript, Dynamic HTML, and/or Ajax
 - D. Recognize the importance of accessibility implement it in a web site