INFO 1110
Web Development: Essentials

Prerequisite:
Basic computing skills are required before taking this course. No prior web design or programming experience is expected.

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URL: homepages.cob.isu.edu/parkerkr/courses/INFO1110/

Textbook: (optional)

Foundation HTML5 with CSS3
Cook, Garber, Francis

Semester: Fall 2016

This course will use current technology, so in order to do assignments at home your operating system must be Windows 7, 8, or 10.

Class times, office hours, and textbooks can be found at http://homepages.cob.isu.edu/parkerkr/courses/INFO1110

Course Description

Web development skills are essential in today’s job market. This introductory web development course teaches the basic techniques, tools and processes used to construct a well-designed and effective web site while keeping the site’s users in mind.

Web Development: Essentials will introduce students to the fundamentals of web site creation. Students will develop, manage, and maintain professional web sites using HTML5 and Cascading Style Sheets. Web site design and layout will be explored. The class will also delve into accessibility and globalization issues to insure that sites are accessible to everyone regardless of their physical limitations or geographical location.

Topic List
Basics of the Web
HTML and CSS Basics
Basic Images
URL Formation
Intermediate CSS3
Structural Tags: Legacy
Structural Tags: HTML5 and CSS3
Tables: HTML5 and CSS3
Lists: HTML5 and CSS3
Web Design
Advanced Images
HTML Quotations
HTML Hyperlinks
HTML5 Forms
HTML5 Multimedia
Course Objectives

- The student will be able to design and implement web pages.
- The student will be able to demonstrate knowledge of website development concepts and terminology.
- The student will be able to explain and utilize the fundamental aspects of all elements found on web pages.
- The student will be able to demonstrate knowledge of HTML5 and CSS3.
- The student will be able to demonstrate a significant ability to plan, design, develop, manage, and maintain HTML-based websites.
- The student will be able to utilize layout and design principles to create visually appealing web pages.
- The student will be able utilize the principles of user interface design to create user-friendly, easily navigated web pages.
- The student will be able to design web pages that are accessible to everyone regardless of their physical limitations or geographical location.
- The student will be able to explain and utilize the process of creating content for web pages including text, images, animation, audio, and video elements.
- The student will be able to verify that the results obtained satisfy the original requirements.

Policies & Procedures

Grade Distribution

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>90.00 - 91.99</td>
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<tr>
<td>B</td>
<td>80.00 - 81.99</td>
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<tr>
<td>C</td>
<td>70.00 - 71.99</td>
</tr>
<tr>
<td>D</td>
<td>60.00 - 61.99</td>
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<tr>
<td>F</td>
<td>00.00 - 59.99</td>
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Final Grade Determination

<table>
<thead>
<tr>
<th>Type</th>
<th>Points</th>
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</thead>
<tbody>
<tr>
<td>Web Assignments</td>
<td>50%</td>
</tr>
<tr>
<td>Exams</td>
<td>40%</td>
</tr>
<tr>
<td>Quizzes/Exercises</td>
<td>10%</td>
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</tbody>
</table>

Exams
You must have a 60% or higher average on class exams in order to be eligible to earn a C- or above grade for the course. In other words, unless you average a 60% or higher on the exams your course score will be at most a D.

Make-Up Quizzes or Exams
No make-up exams or quizzes will be given, regardless of the reason for absence. Instead, a comprehensive exam will be given at the end of the semester to those students who have missed an earlier exam. The grade on the comprehensive exam will replace at most one zero score for a missed exam.

It may be possible to make arrangements to take an exam early if there is a valid reason.

In order to reduce absences, no make-ups will be given, regardless of the reason for absence.

Final Exam
The scheduled date for the final exam is shown on the online class schedule. You must be there for the final exam.

Assignments
Assignments that are not submitted on the due date will be subject to grading penalties of 20% per day. Assignments cannot be graded until all students have submitted their work, so prompt submission is essential. Once assignments have been graded, late submissions will not be accepted.

Grading Rubrics
Grading rubrics are available for assignments in order to provide students with a checklist-like structure with which to assess assignments. This gives students the opportunity to “grade” their assignments before the professor does. If you notice any contradictions between the rubric and the assignment, notify the professor immediately for guidance.

Practice Exercises
Practice exercises are provided to help students gain additional hands-on experience. They are required because they cover some topics/skills that may not be discussed in the lectures.

Extra Credit
No extra credit will be given. Therefore, it is important to begin the semester with the knowledge that exams and assignments will constitute your entire grade.

Course Fees
Course fees are utilized to pay for lab assistants who can tutor, review work, explain concepts, assist in grading, and perform other duties to help students be successful in their classes.
**Academic Integrity**

Academic integrity is expected at Idaho State University and the College of Business. All forms of academic dishonesty, including cheating and plagiarism, are strictly prohibited, the penalties for which range up to permanent expulsion from the university with “Expulsion for Academic Dishonesty” noted on the student’s transcript. If you are unclear as to what constitutes academic dishonesty, read the College of Business Policy on Academic Integrity and the ISU Student Code of Conduct.

Some examples of dishonest behavior include, but are not limited to:
- Working on individual assignments with other students.
- Copying material from a source without attributing the source.
- Allowing another student to copy your work and then submit it as his/her own.
- Allowing someone else to complete your assignments for you and then passing off the work as your own.
- Bringing unauthorized material or devices to an exam. Note that you do not have to be caught using them - just having them is an offense.
- Copying from another student's exam.
- Communicating with someone other than the professor during an exam.
- Removing the exam from the classroom.
- Acquiring exam or assignment answers or questions.
- Taking an exam for someone else or having someone take an exam for you.
- Performing any act designed to give unfair advantage to a student or the attempt to commit such acts.

**Reading Materials**

Students are responsible for thoroughly reading the course syllabus and understanding its content.

Students are expected to read the assigned materials (textbooks or supplemental materials) prior to the class day with which it is associated and to actively participate in class discussions. Unannounced quizzes may be given over reading assignments if students don’t appear to be reading the material in advance.

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**Student Notification**

All students are responsible for checking the web page and their e-mail on a regular basis, preferably daily, for notification of any class scheduling changes or assignment clarification. Notice of quizzes or assignment clarifications may be posted late at night.

**Instructor Availability**

The instructor will be available during posted office hours, but additional efforts are made to increase accessibility to the students. If the instructor is not available at the telephone number above, the student can leave a detailed voice mail message. However, the instructor’s e-mail is checked throughout each day and often the student will get an immediate response to questions submitted by e-mail. E-mail is usually the most reliable means of contact.

**eMail Etiquette**

As noted, eMail is the best way to contact the professor, but please DO NOT use chat or SMS shorthand in your messages. Use full words. While shorthand is fine for casual messages, you are in a professional environment and need to present yourself as such.

**Special Needs**

Our program is committed to all students achieving their potential. If you have a disability or think you have a disability (physical, hearing, vision, psychiatric, or learning disability) that may need a reasonable accommodation, please contact the ADA & Disabilities Resource Center located in the Rendezvous Complex, Room 125, 282-3599.

**Closed Week Policy**

Information about the ISU Closed Week Policy can be found online. Note that the policy does not prevent the presentation of new material during closed week.

**ICS Facebook Page**

The Informatics and CS Facebook page can be joined at www.facebook.com/groups/5643817087/. The page is where we post major announcements as well as information about guest speakers and internships for Informatics and CS majors.

**ACM Student Organization**

There are both immediate benefits and long term benefits to getting involved in the ACM student organization, including career preparation, networking, learning things not taught in class, and giving back to your fellow students. The ISU ACM Facebook page can be joined at www.facebook.com/groups/59810306279/.