IT 240 – Web Design
Course Syllabus and Calendar – Winter 2011

Professor Don Colton

Brigham Young University Hawaii

1 Overview

This class is fun. We build websites in ways that develop your skills with HTML, CSS, and other web technologies.

Websites are cool because they are immediately available, 24 by 7, to provide information or even "take your order."

Before you send your website out in public, we will learn how to dress it up properly and make it look great.

A lot of looking great is personal preference. What looks great to your friends may not look great to your parents. Or to your kids (when you have them).

We will be flexible about issues of personal preference.

We will focus our attentions on the general rules of making great websites. What is the purpose? Who is the audience? What browser will they be using? How big is their screen? Do they have a mouse and a keyboard, or is it a touch interface? Are there any disability issues like color-blindness that need to be considered?

As we work through these issues, your skills will grow and you will be able to do the kinds of things you want. You will also know the pitfalls to avoid.

Most time in class is spent actually making things. I go over parts of the textbook to introduce activities, but there is lots more in the book that we will assume you have read.

1.1 Preparation

We assume you have no web development experience whatever. We expect you can type, send and receive email, and visit web sites.

2 Course Details

- **Course Number:** IT 240
- **Title:** Web Design
- **Course Description:** Concepts of multimedia design and creation for the Internet using web programming tools to develop web pages for the Internet.
- **Textbook:** Head First HTML with CSS & XHTML
- **Classroom:** GCB 111
- **Start/End:** Tue Jan 6 to Tue Apr 5, 2011
- **Class Time:** TTh 7:40 to 9:10 AM
- **Final Exam:** Thu, Apr 7, 7:00 to 8:50 AM

2.1 The Instructor

- **Instructor (me):** Don Colton
- **My email:** doncolton2@gmail.com
- **Website:** http://colton.byuh.edu/
- **Website:** http://doncolton.com/
- **My Office:** GCB 128
- **Office Hour:** MWF 12:10 – 1:10 PM
- **Office Hour:** TTh 12:40 – 1:40 PM

3 General Calender

We meet 25 times plus the final. The book has 14 chapters. Each covers a fairly equal amount of information you will want to learn. Plus I have other topics to present.

In general, we will cover a chapter each day, but every third day or so we take a breather and do in-class enrichment activities.

Calendar

Th **Jan 06** cPanel accounts
Tu **Jan 11** Ch 1 due: Overview of HTML
Th **Jan 13** Ch 2 due: HyperText, URL parts
Tu **Jan 18** Blogs, Wordpress, Role of the Human
Th **Jan 20** Ch 3 due: Page Construction
Tu **Jan 25** Ch 4 due: Getting Connected
Th **Jan 27** cPanel, upload, folders, passwords
Tu **Feb 01** Ch 5 due: Adding Images
Th **Feb 03** Gimp, .jpg .gif .png crop, resample
Tu **Feb 08** Ch 6 due: Validator, IE, FF, etc.
Th **Feb 10** Ch 7 due: XHTML
Tu **Feb 15** Ch 8 due: CSS
Th **Feb 17** csszengarden
Tu **Feb 22** Ch 9 due: Fonts, Colors
Th **Feb 24** RGB codes, colorzilla
Tu **Mar 01** margin, border, padding
Th **Mar 03** Ch 10 due: Box Model
Tu **Mar 08** Ch 11 due: Div, Span
Th **Mar 10** Ch 12 due: Layout, Positioning
Tu **Mar 15** Three-column Layout
Th **Mar 17** Ch 13 due: Tables, Lists
Tu **Mar 22** Ch 14 due: Forms, submit, text, radio
Th **Mar 24** Great Ideas Conference / Contest
Tu **Mar 29** More Forms: default, disable
Th **Mar 31** to be determined
Tu **Apr 05** JavaScript calculator activity
Th **Apr 07** Final Exam

On days that say "Ch X due" you are hereby assigned to read chapter X before class that day.

Quizzes: Most days will begin with a brief quiz focused on knowlege and skills recently covered in class or assigned reading. The quiz will generally be available ten minutes before class starts, and extends a few minutes into the class time.

I plan to unlock the classroom by 7:20 AM. Class starts at 7:40.

Immediately after the quiz we will have opening prayer and start the lecture portion of the class. Often it begins with a review of the quiz.

Most days we will use the last part of class to do an in-class activity. The activities will frequently be graded after class ends.

4 Grading

Grading is based on points earned. My target is 1000 points for the semester, which works out to about 40

points per class period.

Points will be awarded for performance on the daily quizzes.

Points will be awarded for completing in-class activities.

Overall grades will follow the scale of 930=A, 900=A-, 870=B+, ..., 600=D-.

Extra credit points may be awarded for special things such as participation in the Great Ideas activity in March.

I will keep an online gradebook so you can see how your points are coming along, and so you can compare them with other students in the class (without seeing their names).

5 Standard Statements

All syllabi are encouraged or required to address certain topics. These are generally considered to be common sense, but we find that it is useful to mention them explicitly anyway.

5.1 Dress and Grooming Standards

The dress and grooming of both men and women should always be modest, neat and clean, consistent with the dignity adherent to representing The Church of Jesus Christ of Latter-day Saints and any of its institutions of higher learning. Modesty and cleanliness are important values that reflect personal dignity and integrity, through which students, staff, and faculty represent the principles and standards of the Church. Members of the BYUH community commit themselves to observe these standards, which reflect the direction given by the Board of Trustees and the Church publication, "For the Strength of Youth." The Dress and Grooming Standards are as follows:

Men. A clean and neat appearance should be maintained. Shorts must cover the knee. Hair should be clean and neat, avoiding extreme styles or colors, and trimmed above the collar leaving the ear uncovered. Sideburns should not extend below the earlobe. If worn, moustaches should be neatly trimmed and may not extend beyond or below the corners of mouth. Men are expected to be clean shaven and beards are not acceptable. (If you have an excep-

tion, notify the instructor.) Earrings and other body piercing are not acceptable. For safety, footwear must be worn in all public places.

Women. A modest, clean and neat appearance should be maintained. Clothing is inappropriate when it is sleeveless, strapless, backless, or revealing, has slits above the knee, or is form fitting. Dresses, skirts, and shorts must cover the knee. Hairstyles should be clean and neat, avoiding extremes in styles and color. Excessive ear piercing and all other body piercing are not appropriate. For safety, footwear must be worn in all public places.

5.2 Accommodating Special Needs

Brigham Young University Hawaii is committed to providing a working and learning atmosphere which reasonably accommodates qualified persons with disabilities. If you have any disability that may impair your ability to complete this course successfully, you are invited to contact the Students With Special Needs Coordinator at 808-675-3518. Reasonable academic accommodations are made for all students who have qualified documented disabilities.

5.3 Plagiarism

http://en.wikipedia.org/wiki/Plagiarism has a wonderful article on plagiarism. Read it if you are not familiar with the term. Essentially, plagiarism is when you present the intellectual work of other people as though it were your own. This may happen by cut-and-paste from a website, or by group work on homework. In some cases, plagiarism may also create a violation of copyright law. If you borrow wording from someone else, identify the source.

Intentional plagiarism is a form of intellectual theft that violates widely recognized principles of academic integrity as well as the Honor Code. Such plagiarism may subject the student to appropriate disciplinary action administered through the university Honor Code Office, in addition to academic sanctions that may be applied by an instructor.

Inadvertent plagiarism, whereas not in violation of the Honor Code, is nevertheless a form of intellectual carelessness that is unacceptable in the academic community. Plagiarism of any kind is completely contrary to the established practices of higher education, where all members of the university are expected to acknowledge the original intellectual work of others that is included in one's own work.

In this course group work is permitted and encouraged but you are not allowed to turn in work that is beyond your understanding, whether you give proper attribution or not. Make sure you understand what you are submitting and why each line is there.

On exams you are required to work from personal memory, using only the resources that are normally present on your computer. This means the exams are closed book and closed notes. However, you are nearly always allowed (and encouraged!) to test your program by actually running it on the computer where you are sitting. Students caught cheating on the final exam will receive a grade of F for the semester, no matter how many points they may have earned, and they will be reported to the Honor Code office.

Faculty are responsible to establish and communicate to students their expectations of behavior with respect to academic honesty and student conduct in the course. Observations and reports of academic dishonesty shall be investigated by the instructor, who will determine and take appropriate action, and report to the Honor Code Office the final disposition of any incident of academic dishonesty by completing an Academic Dishonesty Student Violation Report. If the incident of academic dishonesty involves the violation of a public law, e.g., breaking and entering into an office or stealing an examination, the act should also be reported to University Police. If an affected student disagrees with the determination or action and is unable to resolve the matter to the mutual satisfaction of the student and the instructor, the student may have the matter reviewed through the university's grievance process.

5.4 Sexual Harassment

BYUH's policy against sexual harassment complies with federal Title IX of the Education Amendments of 1972 to protect university students from student-to-student sexual harassment both in and out of the classroom setting. Any incidents of such student-to-student harassment should be reported to either the Director of Human Resources (293-3713) or the Honor Code Office (293-3531). Allegations of sexual harassment are taken seriously. Upon receiving a

report of sexual harassment, the Director of Human Resources will take appropriate action to resolve and correct conditions resulting from individual perceptions or from inappropriate behavior.

5.5   Syllabus is Subject to Change

It is possible that I will revise aspects of the course as we go along. Any changes I make are likely to be to your advantage. If any of my changes seems unfair to you, let me know. I will try to correct it.