

INST 5265/6265 – Summer 2009

# Internet Development

<http://itls.usu.edu/groups/internetdev>

Class Meets: Tuesdays 6-8:30pm in Room 271 EDUC

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## Instructor

Doug Holton

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## Course Description

Welcome to the Internet Development class – a class for beginning web developers. We'll learn the basics of HTML and CSS, as well as how to use content management systems (CMS), which are powerful tools that make it easier to create websites for real organizations like businesses and schools. Whether you're new to web development or already have some experience, I think you'll come away with some new, marketable skills.

This is a hybrid course – some students are on campus and some are online distance students. We'll be using the above website instead of blackboard to participate in class. On that site I'm posting the weekly outline of activities as well as videos showing how to do the activities. You can login or register for an account on that site to participate. The second video shows how to sign up.

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## Objectives

- Learn the basics of HTML
- Learn how the Internet and web browsers and web servers work, and why we use HTML
- Learn how to use CSS to style your web pages
- Learn how to create web forms and add interactivity to your web site
- Learn about techniques for good web design
- Learn how to use content management systems, in particular [Drupal](#)
- Create your own real websites

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## Software Requirements

You're going to need to become comfortable downloading and installing a bunch of software. All the software we'll be using is free and works on Windows, Mac, or Linux. We'll be using the [Firefox 3](#) browser, the [Jedit](#) text editor, and other software. Also check that this video site is not blocked: <http://internetdev.blip.tv/>  
Contact me if you have any problems with the software or viewing the videos.

For online students, you may wish to get a microphone or headset to be able to chat with me in case you have questions or need live help. Search Amazon.com for "headset" to see various options. I might recommend free software such as [ManyCam](#) (Windows) or [CamTwist](#) (Mac) also so that you can show me your desktop.

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## Textbook

No textbook is required. We'll be using free online tutorials and resources. However this book can be used as an optional supplement: *Sams Teach Yourself: Web Publishing with HTML and CSS in One Hour a Day*. Other recommended books include *HTML, XHTML, and CSS (Visual Quickstart Guide)* and also *Head First HTML with CSS & XHTML*.

If you want to learn more about the content management system we'll be using later ([Drupal](#)), two alternative supplemental books include *Building Powerful and Robust Websites with Drupal 6* and *Using Drupal*.

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## Schedule

See <http://itls.usu.edu/groups/internetdev/outline> for the most up to date weekly outline of activities. I'll be making adjustments to it along the way as this class is being redesigned, but no changes will be made that add any extra work.

We'll basically be covering HTML the first month, CSS the second, and content management systems the third.

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## Participation

I want to make this class easy and stress free for you, but you'll need to participate to get an A.

We'll basically have 10 weekly activities. Some will be graded, such as when you turn in a web page, but some you'll get 100% just for doing – such as the first week you just need to install the software we are using and you'll get credit for that week's activity. Each weekly assignment should be completed before the following week's class (Tuesday at 6pm).

In addition we'll have 2 main projects to do this semester. The first project due by the end of June is a basic website using HTML & CSS, and the final project using Drupal is due at the end of the semester. More details about the projects are below.

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## Grading

10 weekly activities x 10 points each = 100 points

HTML/CSS Website Project = 100 points

Drupal Project = 100 points

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## Projects

1. HTML/CSS Website Project – Due by June 30<sup>th</sup>
  - This can be a portfolio site for yourself, or a real website for an organization
  - At least 4 to 5 web pages linked together with a common visual theme
  - Uses HTML, colors, images, CSS
  - A rubric for evaluating your website will be posted online
  - Worth 100 points
2. CMS site for a business/library/school/organization – Due by July 30<sup>th</sup>
  - Create a Drupal-based site for a real or hypothetical organization
  - Create a custom visual theme for the Drupal site
  - A rubric with requirements will be posted online
  - Worth 100 points

## **Legal Stuff:**

### **USU Criteria for Make-Up of Missed Assignments or Projects**

Students will be allowed to make-up assignments or projects only if they meet one of the following criteria:

- Incapacitating illness prevents a student from attending classes for a minimum period of two weeks,
- A death in the family,
- Financial responsibilities requiring a student to alter a schedule to secure needed employment,
- Change in work schedule as required by employer (with verification) or,
- Other emergencies deemed appropriate by the instructor.

If there are extenuating circumstances, a student may petition the instructor for time beyond the deadline. Documentation of the circumstances cited to justify the make-up is required.

### **Academic Integrity - "The Honor System"**

Each student has the right and duty to pursue his or her academic experience free of dishonesty. The honor system is designed to establish the higher level of conduct expected and required of all Utah State University students.

*The Honor Pledge:* To enhance the learning environment at USU and to develop student academic integrity, each student agrees to the following Honor Pledge: "I pledge, on my honor, to conduct myself with the foremost level of academic integrity." A student who lives by the Honor Pledge is a student who does more than not cheat, falsify, or plagiarize. A student who lives by the Honor Pledge:

- Espouses academic integrity as an underlying and essential principle of the USU community;
- Understands that each act of academic dishonesty devalues every degree that is awarded by this institution; and
- Is a welcomed and valued member of Utah State University

### **Plagiarism**

Plagiarism includes knowingly "representing, by paraphrase or direct quotation, the published or unpublished work of another person as one's own in any academic exercise or activity without full and clear acknowledgment. It also includes the unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials." The penalties for plagiarism are severe. They include warning or reprimand, grade adjustment, probation, suspension, expulsion, withholding of transcripts, denial or revocation of degrees, and referral to psychological counseling. See <http://www.usu.edu/policies/PDF/Acad-Integrity.pdf>

### **Grievance Process (Student Code)**

Students who feel they have been unfairly treated [in matters other than (i) discipline or (ii) admission, residency, employment, traffic, and parking - which are addressed by procedures separate and independent from the Student Code] may file a grievance through the channels and procedures described in the Student Code:

See <http://www.usu.edu/student-services/studentcode/>

(Article VII. Grievances, pages 25-30)

### **Sexual Harrassment**

Sexual harassment is defined by the Affirmative Action/Equal Employment Opportunity Commission as any "unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature." If you feel you are a victim of sexual harassment, you may talk to or file a complaint with the Affirmative Action/Equal Employment Opportunity Office located in Old Main, Room 161, or call the AA/EEO Office at 797-1266.

### **Students with Disabilities**

The Americans with Disabilities Act states: "Reasonable accommodation will be provided for all persons with disabilities in order to ensure equal participation within the program. If a student has a disability that will likely require some accommodation by the instructor, the student must contact the instructor and document the disability through the Disability Resource Center (797-2444), preferably during the first week of the course. Any request for special consideration relating to attendance, pedagogy, taking of examinations, etc., must be discussed with and approved by the instructor. In cooperation with the Disability Resource Center, course materials can be provided in alternative format, large print, audio, diskette, or Braille."

### **Withdrawal Policy and Incompletes**

Students are required to complete all courses for which they are registered by the end of the semester. In some cases, a student may be unable to complete all of the coursework because of extenuating circumstances, but not due to poor performance or to retain financial aid. The term 'extenuating' circumstances includes: (1) incapacitating illness which prevents a student from attending classes for a minimum period of two weeks, (2) a death in the immediate family, (3) financial responsibilities requiring a student to alter a work schedule to secure employment, (4) change in work schedule as required by an employer, or (5) other emergencies deemed appropriate by the instructor.