

NAVAJO TECHNICAL UNIVERSITY

Endless Innovation. Endless Opportunity. Endless Possibility.

IT 270

WEB STANDARDS, web

MT 5:00-6:30, Fall 2014

Location: Tech Building, Room 333

Instructor: Matthew Bollinger

Email: mbollinger@navajotech.edu

Office: IT Center, Rm 102

Office Hours: By Appointment

Course Description

This course is designed to provide an introductory, practical approach to simple web design. You will learn fundamental design principles, along with a basic understanding of the methods and techniques of developing a simple to moderately complex website. Using the current standard web page languages (HTML/CSS), students will explore standard web practices that are the foundation to future web interests.

Course Organization

This is a lecture/lab course in which topics are presented by the instructor, methods are explained, and assigned tasks are completed by students both during lab periods and outside of class. This Web Standards course assumes no previous HTML/CSS experience or training, so the initial emphases are on the use of basic coding procedures. In addition to regular lab hours, a minimum of nine hours of lab time (outside of class) is expected from students. Coding is addictive, frustrating, and FUN!

Required Text

- HTML5: The Missing Manual 2nd (second) edition by MacDonald, Matthew
- CSS3: The Missing Manual by McFarland, David Sawyer 3rd (third) Edition

Required Materials

- Sketch Pad
- External Hard Drive
- Flash/USB Drive (To turn-in assignments, projects...)
- Text Editor
- Drop Box Account

Final Grade

- 25% Mid-Term Website
- 25% Final Website
- 25% Assignments/Reading Summaries
- 15% Pop Quizzes (3 total, 5% each)
- 10% Attendance

Course Policy

- Unless explicitly noted otherwise, the work in this course is to be done independently. Discussions with other students on the assignments should be limited to understanding the statement of the problems (except when assignments are to be done in groups in which case it is expected of members of the same group to work together).
- For a first offense, a student caught collaborating/cheating in any way will receive a zero for the exam/homework/project in question. In the event of a second offense, the student will receive an F for the course and may be subject to stronger action.
- Submissions that are alike in a substantive way (not due to coincidence) will be considered to be cheating by

- ALL involved parties.
- Please protect yourselves by only storing your files in private directories, and by retrieving all printouts promptly. 5. Students are encouraged to attend all lectures, which frequently include material that is not directly taken from the text. If a student misses a lecture, he/she is still responsible for the material covered and is advised to copy the notes from a classmate.
- All assignments must be submitted electronically.
- Grades can be appealed up to two weeks after they have been posted; no appeals will be considered after that time.

Late Policy

- On-time projects must be received via email by 11:59PM on the due date. Any project received after this time will be considered to be LATE.
- A late assignment will receive a deduction of 10 points if it is up to one day past the deadline and 15 points if it is up to two days past the deadline. An assignment which is more than 2 days late will be accepted only under special circumstances with the instructor determining the penalty in a fair manner.

Make-up Policy

- Students are expected to be present for all lectures, labs, exams, and quizzes. Make-up exams will only be given in the event of an emergency, and only if the instructor is informed in advance. Failure to notify the instructor prior to missing an exam will result in a zero for the exam/quiz. Please communicate your travel/health issues to me!

Students with Disabilities

- If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Dean of Students (505-786-4100) as early as possible in the term. NTU will verify your disability and determine reasonable accommodations for this course.

COURSE SCHEDULE: Spring 2014

Assignments | Readings

Week 1

Tuesday

Course overview, personal course goals, professional goals, what is good design?

Hello World: Creating a basic web page.

Reading Assigned: Ch. 1, HTML5/CSS3, 500 Word Summary Due Next Tuesday - Typed

Assignment 1 given, Due next Tuesday

Week 2

Tuesday

Terminology, Syntax, and Introduction

Assignment 2 given, Due next Tuesday

Week 3

Tuesday

Terminology, Syntax, and Introduction

Reading Assigned: Ch. 2, HTML5/CSS3, 500 Word Summary Due Next Tuesday - Typed

Assignment 3 given, Due next Tuesday

Week 4

Tuesday

Elements and Semantics

Assignment 4 given, Due next Tuesday

Week 5

Tuesday

Elements and Semantics

Reading Assigned: Ch. 3, HTML5/CSS3, 500 Word Summary Due Next Tuesday - Typed

Assignment 5 given, Due next Tuesday

Week 6

Tuesday

Box Model and Positioning/Work Day

Week 7

Tuesday

Box Model and Positioning/Work Day

Week 8 _ MID TERM

Tuesday

Work Day, Mid Term is due at the end of class...

Week 9

Tuesday

Typography

Reading Assigned: Ch. 4, HTML5/CSS3, 500 Word Summary Due Next Tuesday - Typed

Assignment 6 given, Due next Tuesday

Week 10

Tuesday

Typography

Assignment 7 given, Due next Tuesday

Week 11

Tuesday

Backgrounds + Gradients

Reading Assigned: Ch. 5, HTML5/CSS3, 500 Word Summary Due Next Tuesday - Typed

Assignment 8 given, Due next Tuesday

Week 12

Tuesday

Backgrounds + Gradients

Assignment 9 given, Due next Tuesday

Week 13

Tuesday

Unordered, Ordered, and Definition Lists

Reading Assigned: Ch. 6, HTML5/CSS3, 500 Word Summary Due Next Tuesday - Typed

Assignment 10 given, Due next Tuesday

Week 14

Tuesday

Work Day

Week 15

Tuesday

Work Day

Week 16 _ FINAL EXAM

Tuesday, Lecture

NO CLASS, Independent Work Day

Final DUE at midnight!