

# NAVAJO TECHNICAL UNIVERSITY

Endless Innovation. Endless Opportunity. Endless Possibility.

## **IT 142**

**WEB CONCEPTS, web**  
**MT 5:00-6:30, Fall 2014**  
**Location: IT, Room 116**

**Instructor: Matthew Bollinger**  
**Email: [mbollinger@navajotech.edu](mailto: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 concepts. You will learn fundamental design principles, along with a basic understanding of the methods and techniques of creating a simple 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 Concepts course assumes no previous HTML/CSS experience or training, so the initial emphases are on the use of concepts and basic coding procedures. In addition to regular lab hours, a minimum of nine hours of lab time (outside of class) is expected from students. Website practice is addictive, frustrating, and FUN!

### **Required Text**

Learning Web Design, 4th edition ISBN: 9781449319274

### **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: Fall 2014

### Assignments | Readings

#### Week 1

##### Monday, Lecture/Lab

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

Reading Assigned: Ch. 1, Where do I start?, 500 Word Summary Due Next Monday - Typed PDF (no word docs accepted), due next Monday

Assignment 1 given, due next Monday

#### Week 2

##### No class, Labor Day

Reading Assigned: Ch. 2, How the Web Works, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 2 given, due next Monday

#### Week 3,

##### Monday, Lecture/Lab

Where do I start? How the Web Works...

Reading Assigned: Ch. 3, Some Big Concepts You Need to Know, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 3 given, due next Monday

#### Week 4,

##### Monday, Lecture/Lab

Some big concepts...

Reading Assigned: Ch. 4, Creating a Simple Page, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 4 given, due next Monday

#### Week 5,

##### Monday, Lecture/Lab

Creating a Simple Page

Reading Assigned: Ch. 5, Marking Up Text, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 5 given, due next Monday

#### Week 6

## **Monday, Lecture/Lab**

Marking Up Text

Reading Assigned: Ch. 6, Adding Links, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 6 given, due next Monday

## **Week 7**

### **Monday, Lecture/Lab**

Adding Links

Reading Assigned: Ch. 7, Adding Images, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 7 given, due next Monday

## **Week 8 \_ MID TERM**

### **Monday, Lecture/Lab**

NO CLASS, Independent Work Day

Reading Assigned: Ch. 8, Table Mark Up, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 8 given, due next Monday

Mid-term **DUE**

## **Week 9**

### **Monday, Lecture/Lab**

Adding Images and Table Mark-Up

Reading Assigned: Ch. 9, Forms, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 9 given, due next Monday

## **Week 10**

### **Monday, Lecture/Lab**

Forms

Reading Assigned: Ch. 10, HTML5, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 10 given, due next Monday

## **Week 11**

### **Monday, Lecture/Lab**

HTML 5

Reading Assigned: Ch. 11, CSS, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 11 given, due next Monday

## **Week 12**

### **Monday, Lecture/Lab**

CSS

Reading Assigned: Ch. 12, Formatting Text, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 12 given, due next Monday

## **Week 13**

### **Monday, Lecture/Lab**

Formatting...

Reading Assigned: Ch. 13, Colors + Backgrounds, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 13 given, due next Monday

## **Week 14**

### **Monday, Lecture/Lab**

Colors + Backgrounds

Reading Assigned: Ch. 14, Inside the Box, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 14 given, due next Monday

## **Week 15**

### **Monday, Lecture/Lab**

Colors + Backgrounds, Floating...

Reading Assigned: Ch. 15, Floating + Positioning, 500 Word Summary Due Next Monday - Typed PDF, due next Monday

Assignment 15 given, due next Monday

**Week 16 \_ FINAL EXAM**

**Monday**

Final **DUE** at 5pm