

Course Title: **Web Authoring**
 (3 credit hours)

Instructor: Dr. Greg Jones

Telephone: Office: (940) 565-2057
 Cell: (972) 672-0811

Email: greg@tapr.org

Office: Mathews Hall, Room #280A

Office Hours: Tue 3-5pm,
 or by appointment.

Contacting the Instructor:

E-mail is the best method to contact me, since I check my e-mail multiple times daily. Although I will try to answer e-mail within one day, many students in previous semesters have been able to have their questions answered with very short turn-around times at all hours of the day and night using this procedure. Electronic mail is also an extremely effective system for setting up appointments -- it is frequently possible to set up a meeting on shorter notice than the 24-hour minimum notice that is required when making appointments through the departmental office staff. Students may use my cell phone number to contact me outside office hours. Please use appropriate discretion at what times you call.

Pre-Requisite:

CECS 5030, Introduction to the Internet.
CECS 5260, Computer Graphics, although not a required prerequisite, is a valuable course to take prior to taking this course.

Course Description:

This course is designed to aid education and training officials in creating web-based materials and applications utilizing Internet resources. You will learn the technical skills required to create Websites and the intellectual skills to select the most appropriate design to accomplish Web design objectives.

Textbooks:

New Perspectives on Creating Web Pages with HTML –
Comprehensive
Patrick Carey, Mary Kemper, Joan Carey
3RD BK&CDR, August 2002
ISBN: 0-619-10114-8

Course Requirements:

There will be assigned homework problems. Web design projects will require the students to spend time at the computer. To plan a minimum of six to nine hours a week of outside preparation is a safe time allocation for successfully completing this course.

Course Topics and Objectives:

Build a series of web pages using Frames, Tables, and Image Maps.

Create a client-side image map.

Specify background attributes for Web pages.

Use form elements including drop-down lists in the construction of Web pages.

Identify and describe the advantages and disadvantages of alternative strategies of organization of content on a website.

Demonstrate the use of a forms-processing solution for the collection of data from Web pages.

Deliver multimedia elements, including prepared audio and video through a Web interface.

Use basic graphics tools to scan, construct, and modify graphics for use in the Web environment.

Use Javascript to add interactive elements to web pages.

Describe the role of databases in the design of web-based materials.

Implement basic principles of visual design in the layout of web pages.

Discuss elements of copyright law that extend beyond the basic copying of materials in the context of web development (i.e. encapsulating materials owned by others within a Web frameset.)

Method of Presentation and Evaluation:

The class lectures will cover the assigned reading materials. Selected sample programs and assigned homework programs will also be discussed in class. There will be a midterm exam and a final term project during the semester. Points will be awarded for tests, homework, and the final project as described below.

Exam	1 @ 30 points each	30
Homework	3 @ 15 points each	45
Final Project		25

Total 100

Late homework will lose 5 points each week it is late. Any assignments not turned in by the last class meeting will be assigned a grade of zero, unless the student has made prior arrangements with the instructor.

Homework that fails to function will be assigned a grade of 0. Homework that does function but that outputs incorrect answers for the given data set or does not meet the specification of the assignment will receive 50% of the assignment points.

Students may elect to correct homework and resubmit for a re-grade. A student may resubmit work two times. Resubmitted homework when corrected and functional will count 80% of the original points.

Students are **encouraged** to carefully check the logic and the output of their programs before submitting them for review and grading.

Homework:

Homework will result in on-line web pages. More information will be provided during the course as to when and how the instructor will grade the homework.

Final Project:

Each student will develop and submit a semester project for this course. The student will specify a target audience and instructional objective(s) to be met through the use of programming methods discussed and demonstrated in the course. The final project must incorporate a series of web pages to create a site. After proposal approval by the instructor, the student will implement the web site for their final project. The final project will be graded on whether it meets the objective(s) and target audience, the programs look, feel, and function, operates correctly, and program documentation.

Class Listserv:

Using <http://saturn.cecs.unt.edu/cgi-bin/jones/joinlist.cgi> submit your information so that you can be added to the class listserv. The instructor will use the listserv system to communicate information to students throughout the class. It is your responsibility to read mail sent to that account listed in the class listserv, either by accessing the account directly or by forwarding mail sent to that account to another Internet e-mail account that you read on a regular basis. Contact the instructor if you need your email account on the list changed.

Server Space:

Web pages may be loaded anywhere in order to be graded. If you don't have web space, you can get web space at UNT via "UNT Internet Services,,". If you have not previously set up "UNT Internet Services" you may do so through the Web at <http://getlogin.unt.edu>.

Grading Scale

Letter grades will be the higher grade resulting from the following two standards:

>=90	A	Top 10%	A
>=80<90	B	Next 20%	B
>=70<80	C	Next 40%	C
>=60<70	D	Next 20%	D
<=59	F	Last 10%	F

Class Attendance:

Attendance and punctuality are professional behaviors expected of educators. Educational or Instructional technology is not "doing computer projects" – it is much more. Hence, you need to be in class for discussions and learning activities.

Due dates, for all assigned materials, will be announced in advance. Changes, on the assignment's requirements or due dates may be announced at later dates, in class, therefore attendance to all classes is necessary. It is the student's responsibility to keep up with these updates and to have all assignments ready on time. If you miss a class, YOU are responsible for what occurred, please make arrangements with classmate for notes, hand outs, etc. Any student, who has to be absent on an assignment's due date, may arrange to have the assignment submitted early.

You must notify your instructor **in advance** if any exam is to be missed. If an exam is missed without prior notification, 20% will automatically be deducted from the exam grade. Make-up exams must be taken outside of regularly scheduled class time. Any missed exam must be made up within one week of the scheduled time. Date and time to be determined by the instructor upon student request.

Academic Ethics:

Students are expected to create and edit their own assignments and take tests without outside assistance. This is a authoring class and it is acceptable to ask for help from others after you have put forth significant effort to debug written code that is not working correctly and when testing your software. However, asking for help in debugging does not mean you have someone rewrite your code. **All work is expected to be your own.**

Cheating and disciplinary action for cheating is defined by the UNT Policy Manual Code for Student Conduct and Discipline. Cheating is an act of academic dishonesty. It is defined and is to be handled as follows:

“Plagiarism and cheating refer to the use of unauthorized books, notes, or otherwise securing help in a test; copying tests, assignments, reports, or term papers; representing the work of another as one's own; collaborating without authority, with another student during an examination or in preparing academic work; or otherwise practicing scholastic dishonesty.,,

Although there are other possibilities, you should expect that the penalty that will be assigned for such infractions will include a failing grade in the course and a recommendation that you be denied a degree. You are expected to conform to all policies of the University of North Texas and work within the honor code.

As defined by the United States Copyright Act, it is your responsibility to clearly identify all elements in your work that are not “original works of authorship.,, You are expected to strictly obey the provisions of all laws of the United States and the State of Texas in the completion of all course activities, taking particular notice of the provisions of the United States Copyright Act (Title 17 United States Code). This

law provides that you may legally use, within certain limitations, certain copyrighted materials in the context of research and scholarship. Do not confuse your ability to legally copy materials under the “fair use,” provisions of the Copyright Act with the ability to claim that such a copy is an original work of authorship.

For more information on academic dishonesty, please refer to your current student catalog.

Americans with Disabilities Act Compliance:

The Department of Technology and Cognition complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. This university will adhere to all applicable Federal, State, and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student’s responsibility to contact the faculty member outside of class to make any arrangements involving special accommodations and/or the Department ADA Representatives: Dr. Bertina Hildreth and Dr. Cathie Norris. Their offices are in Matt 316. You may schedule an appointment by call (940) 565-2057.

EEO/ADA on Discrimination:

The University of North Texas does not discriminate on the basis of race, color, religion, sex, age, national origin, disability or disabled veteran status in its educational programs, activities, admissions, or employment policies. In addition to complying with federal and state equal opportunity laws and regulations, the university through its diversity policy declares harassment based on individual differences (including sexual orientation) inconsistent with its mission and educational goals. Direct questions or concerns to the equal opportunity office, (940) 565-2456, or the dean of students, (940) 565-2648. TDD access is available through Relay Texas: (800) 735-2989.

For more information on EEO/ADA, please refer to your current student catalog.

Tentative Course Schedule (as of January 10, 2003)

January 14

Reading:
1.0 – 1.09

Course Review
Introduction to HTML and Web Pages

January 28

Reading:
1.10 – 3.35

Creating Web Pages
Anatomy of an HTML document
Text Basics
Images
Links

February 11

Homework Assignment 1 Due (Text, Images, Links)

Reading:
3.35 – 4.64, 6.03 – 6.61

Lists
Tables
Forms
CGI (Common Gateway Interface)

February 25

Homework Assignment 2 Due (Lists, Forms, Tables)

Reading:
5.01 – 5.46, 8.01 – 9.58

Frames
JavaScript
Dreamweaver

March 11

**Homework Assignment 3 Due (Frames, Javascript)
Project Proposals Due**

Reading:
7.01 – 7.68

CSS (Cascading Style Sheets)

Exam

March 17-21

SPRING BREAK

April 1

Reading:
10.01 – 10.44, Additional Case 1, 2

Discussion of Final Project
How to create Rollover Images (use a tool!)
Alternate tools (ImageReady, etc)
Database generated Web Pages

April 15

Copyright Laws
Powerpoint Web Page Generation Example
Class Presentation of Final Projects

April 29

Class Presentation of Final Projects

Project Due

Last day to turn in late assignments (by class time)