



**EDTC5560-01: Internet Applications: Building Web Pages**

**Spring 2005, Term 1, 2 credit hours, Thursdays 5:00– 8:30 pm**

**Office Hours: Tues 3-4 pm and by appt. If possible, please schedule appointments.**

**Office: Webster Hall, room 246**

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**[1] Course Description:**

This course is designed to teach educators how to use hypertext markup language (HTML) to design and create web pages for use in educational settings. Students will learn how to use HTML, tags, links, and attributes for a basic understanding of publishing HTML documents.

**[2] Learning objectives:**

- Students will be able to determine what components make up a good educational (school) web site (MO-STEP 1e, 2d, 4a, 4b, 5a, 5b, 6a).
- Students will gain knowledge of how to build web pages with HTML.
- Students will develop strategies for integrating web pages into their classroom curriculum video).
- Demonstrate knowledge of and used of the following HTML tags:
  - Heading tags (H1-H6)
  - Break tag, Paragraph tag, Horizontal Rule tag
  - Preformatted tag
  - Bold, Italic, Underline tags, Superscript, Subscript tags
  - List tags (ordered, unordered, definition, and nested)
  - Link tags to outside web sites and local files
  - Image Source tags
  - Alignment tags
  - Hexadecimal Code (Basic Understanding)
  - Table tags

### [3] Projected Schedule of Activities:

<b>Week 1:</b>	<b>Jan 20</b>	Introduction to Course/WebCT orientation/ “What makes a good educational web site?”
<b>Week 2:</b>	<b>Jan 27</b>	Text tags – <b>read SAMS Ch 1, 2, 4</b>
<b>Week 3:</b>	<b>Feb 3</b>	Special Characters Lists, Nested Lists – <b>read SAMS Ch 5, 6</b>
<b>Week 4:</b>	<b>Feb 10</b>	Links, Relative and Absolute – <b>read SAMS Ch 3, 7</b> <b>Test #1</b>
<b>Week 5:</b>	<b>Feb 17</b>	Graphics, Alt tag, Alignment Hexadecimal Code, Background Colors and Images – <b>read SAMS Ch 9, 10</b>
<b>Week 6:</b>	<b>Feb 24</b>	Intro to Tables – <b>read SAMS Ch 13</b> <b>Test #2</b>
<b>Week 7:</b>	<b>Mar 3</b>	Work on Project
<b>Week 8:</b>	<b>Mar 10</b>	Project Completed / <b>Final Exam due</b>

### [4] Resources:

**Textbook:** SAMS Teach Yourself HTML and XHTML in 24 hours. 6<sup>th</sup> edition.

By: Dick Oliver & Michael Morrison. SAMS Publishing. 2003. ISBN: 0-672-32520-9.

HTML Pocket Reference. 2<sup>nd</sup> edition. By: Jennifer Niederst. O’Reilly Publishing. 2002. 98 pages. ISBN: 9780596002961.

### Library Readings:

- [\*Web site evaluation: how would your school's web site measure up?\*](#) By: Riccardi, Megan; Easton, D'Anne; Small, Ruth. *Teacher Librarian*, Feb2004, Vol. 31 Issue 3, p19, 4p
- [\*School Net Access Up; Digital Divide Remains\*](#) *American Libraries*, Jan2004, Vol. 35 Issue 1, p38, 1/3p; (AN 11867866)
- [\*Flat Stanley goes cyber: easy web projects motivate kids to use new technologies to read, write, and go global\*](#) Donald Leu Jr.. *Instructor* (1990) Jan-Feb 2003 v112 i5 p28(3)
- [\*Homework site lets parents know what's up\*](#) *Pro Principal*, Jan2004, Vol. 16 Issue 4, p1, 2p
- [\*The Learning Power of WebQuests\*](#) By: March, Tom. *Educational Leadership*, Dec2003, Vol. 61 Issue 4, p42, 6p, 2c, 1bw

**[5] Evaluation:**

Weekly Readings/Writings	80
Weekly assignments	120
Lesson plan	200
Tests (2) (100 pts each)	200
Final project	200
Final exam	200

**I plan to keep the final project. So if you desire a copy of it, please make one for yourself before turning it into me.**

**Expectations:** EDTC 5560 is a graduate class. A graduate class includes readings from the textbook as well as library articles. It is expected that the students will write as part of the course requirements. In building web pages that meet the technical requirements of the assignment each week, it is expected that there will be considerable writing involved on each page that is designed. Further writing is expected on the discussion list each week based upon the readings assigned. Finally, a lesson plan is required at the end of the course as part of the final project. The lesson plan should include extensive writing illustrating how the web pages will be utilized in their course.

**[6] Attendance:**

Attendance is crucial in all online courses. This means that a student is expected to login to the course several times during each week.

Even though you are not required to be logged in at any precise time or day, you are expected to login several times during each week. It is important to actively participate each week in the course.

**The instructor reserves the right to lower the final grade by a letter grade for failure to participate.**

**Plagiarism:**

As we learn how to build web pages it is often advantageous to look at other websites and see what they have done, sometimes mimicking what other people do is helpful, let me caution you though, that if you copy another web site (multiple links, multiple graphics, or the same themes and backgrounds) we may be guilty of plagiarism. Therefore, you may need to provide credit for either graphics or backgrounds used. Sometimes similar themes and links may be used, but please try to limit the number of links that you use from other sites to no more than five.

**NOTE: This syllabus is subject to change at the discretion of the instructor; therefore, regular attendance is required.**