



COURSE DESCRIPTION, OUTLINE, TEACHING PROCEDURES,
OUTCOMES

COURSE TITLE: Introduction to CSS and HTML

TOTAL CONTACT HOURS: 48

CEU'S: X YES _____ NO 4.8 # CEU'S (10% of total class hours)

FEES: \$129 FEE WAIVERS: NC Senior Adults 65 or older

COURSE DESCRIPTION:

Students create and publish a working web site using XHTML and Cascading Style Sheets (CSS). Topics include formatting and layout with styles, dynamic effects, lists, tables, forms and multimedia with styles. **Word processing or equivalent experience recommended; web page design course or experience suggested. Textbook required.** 48 hours.

RESOURCES AND MATERIALS:

Required Text: **HTML, XHTML, and CSS, Sixth Edition: Visual QuickStart Guide,**
By Elizabeth Castro, PeachPit Press, ISBN: 0-321-43084-0

Note: Fall 2009: As this is a new class, students will need to order the text from anywhere they like this semester. The text will be available in the DTCC Bookstore in future.

Supplementary References: Sample Web sites

Equipment: PC's with Internet Explorer and FireFox

Other: **Storage media (e.g. USB flash/thumb/jump drive)**

TEACHING STRATEGIES: (CHECK THOSE YOU PLAN TO UTILIZE)

Lecture Exercises ___ Role-Playing ___ Small Group Discussion
 ___ Reports ___ Tutorials Audio Visual ___ Programmed Instruction
 ___ Modeling ___ Field Work ___ Performance Select Teachable Moments
 Lab ___ Video Tapes Demonstration

Does your course require completing a special project or assignment or passing a certain test?
 Yes ___ No (If yes, please explain.)

Create a web site utilizing Cascading Spread Sheets (CSS) and XHTML

COURSE OUTCOMES:

Upon completion of this course, the student should be able to:

1. Understand how to use different types of style sheets
2. Successfully format text using CSS
3. Be aware of how to use style layouts in web pages
4. Be familiar with using lists, tables, forms, and multimedia with CSS
5. Create a working web site using XHTML and CSS.

METHODS OF EVALUATING OUTCOMES: (Please check all that apply)

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Assignments | <input type="checkbox"/> Oral Tests | <input checked="" type="checkbox"/> Demonstration Skills |
| <input type="checkbox"/> Written Tests | <input type="checkbox"/> Oral Reports | <input checked="" type="checkbox"/> Instructor Assessment & Observation |
| <input checked="" type="checkbox"/> Class Participation | <input checked="" type="checkbox"/> Projects | <input type="checkbox"/> Other |

THE PRIMARY METHOD OF EVALUATION IS Instructor Assessment & Observation

ATTENDANCE:

Each student is required to attend at least 80% of the scheduled class time to receive a grade of Satisfactory.

COURSE OUTLINE:

- 1) Review HTML fundamentals
- 2) Define the differences between HTML and XHTML
- 3) Work with the building blocks of style sheets
- 4) Create web pages using different types of style sheets
- 5) Define and use CSS selectors
- 6) Create and format web pages with CSS
- 7) Create web pages using style layouts
- 8) Add style dynamic effects to web pages
- 9) Add lists, tables and forms to web pages with styles
- 10) Add multimedia using styles to web pages

DTCC REGISTRATION AND FEES for Computer Training traditional non-credit classes:

- 1) N.C. Senior Adults 65 or older pay lab and CAPS fees: \$9 (waived course fees)
- 2) All other students will pay the **total fee** (includes course fee, lab fee and CAPS fee) as listed with the course description:
<http://www.durhamtech.edu/html/current/noncredit/computer.htm>
- 3) All students must **complete a registration form** three days before the class starts:

Registration Procedures and links to Registration Forms:

<http://www.durhamtech.edu/html/corporate/policies.htm#registration>

Computer Program Course Registration Information:

Program Assistant: Herleesha Anderson
andersonh@durhamtech.edu

Computer Program Information:

Program Director: Becky Roehrs
roehrsb@durhamtech.edu

DTCC Continuing Education Policies and Procedures:

<http://www.durhamtech.edu/html/corporate/policies.htm>

DTCC Appropriate Use of Computing Resources Policy:

<http://www.durhamtech.edu/html/prospective/studentervicesc.htm#computing>

DTCC Student Code of Conduct:

<http://www.durhamtech.edu/html/prospective/studentervicesb.htm#conduct>

STATEMENT OF STUDENTS WITH DISABILITIES:

<http://www.durhamtech.edu/html/prospective/studentervices.htm#disability>

Students who require academic accommodations due to any physical, psychological, or learning disability should request assistance from a disability services counselor. Likewise, students requiring emergency medical attention due to a chronic health condition are encouraged to notify a disability services counselor of their condition. Counselors can be contacted by calling 919-536-7208 or by visiting the Student Development Office, Wynn Center, Room 1309.