

June 26, 2006

METROPOLITAN STATE COLLEGE of DENVER
Office of Academic Affairs

REGULAR COURSE SYLLABUS

School of: Letters, Arts, and Sciences

Department: Mathematical and Computer Sciences

CIP Code: 11.9999

Prefix & Course Number: CSS 1080 Crosslisted With*: _____

Course Title: The World Wide Web, The Internet, and Beyond

Check All That Apply: Required for Major: _____ Required for Minor: _____ Specified Elective: _____
Required for Concentration: _____ Elective: X Service Course: X

Credit Hours: 3 (3 + 0)

Total Contact Hours per semester (assuming 15-16 week semester):

Lecture 45 Lab 0 Internship 0 Practicum 0 Other (please specify type and hours): 0

Schedule Type(s): Lecture Grading Mode(s): Letter

Variable Topics Courses (list restrictions, including the maximum number of hours that can be earned**):

** NOTE: This information must be included in the course description.

Restrictions (Variable Topics Course): _____

Prerequisite(s): None

Corequisite(s): None

Prerequisite(s) or Corequisite(s): _____

Banner Enforced:

Prerequisite(s): _____

Corequisite(s): _____

Prerequisite(s) or Corequisite(s): _____

Catalog Course Description:

This course is for anyone who uses or wants to access the World Wide Web and the Internet. Students will master a set of basic skills including using electronic mail, logging in to remote computers, obtaining online documents and software, and using a browser like Netscape to search and surf the World Wide Web for information. Students will also learn the fundamentals of web page construction. Credit will be granted for only one prefix: CSS or CIS.

APPROVED: <u>Ruth G. Yarar</u>	<u>6-27-06</u>
Department Curriculum Committee	Date
<u>[Signature]</u>	<u>6/28/06</u>
Department Chair OR Program Director	Date
<u>[Signature]</u>	<u>12/6/06</u>
Dean OR Associate Dean	Date
<u>[Signature]</u>	<u>2/12/07</u>
Associate VP, Academic Affairs	Date

*If crosslisted, attach completed Course Crosslisting Agreement Form

Required Reading and Other Materials will be equivalent to:

Lehnert, Wendy, Web Wizard's Guide to HTML, Prentice-Hall, 2002

Lehnert, Wendy, WEB 101 – Making the “Net Work for You”, 2nd edition, Addison-Wesley, 2002.

Specific, *Measurable* Student Behavioral Learning Objectives:

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

1. Describe the components which define the Internet.
2. Use a World Wide Web browser (e.g., Netscape)
3. Navigate and search the World Wide Web for any topic of interest.
4. Use electronic mail to send and receive messages.
5. Use remote login (Telnet) to access library catalogs, databases, e-mail address directories and information services.
6. Use file transfer protocol (FTP) to copy software files, informative documents, discussions from LISTSERV archives, graphics, and data from remote computer sites.
7. Use Usenet to read and write current news group new of interest.
8. Create their own web page.
9. Discuss legal, ethical, privacy, and security issues.

Detailed Outline of Course Content (Major Topics and Subtopics):

- I. Introduction to the Internet
 - What is the Internet
 - What is the Internet used for
 - Who uses the Internet
 - How does the Internet work
- II. How to Use a Browser
 - Starting a browser
 - The browser window
 - History list
 - Using a bookmark
 - Saving a web page
- III. Web Search Engines
 - Searching the web using search engines such as Infoseek, WebCrawler, Lycos, or Yahoo
- IV. Electronic mail
 - What is electronic mail
 - E-mail addresses
 - Electronic mail software
 - Sending and receiving messages
- V. Telnet
 - Using telnet
- VI. FTP
 - What is file transfer protocol
 - Using FTP to transfer files
- VII. Usenet
 - What is Usenet
 - How Usenet works
 - Using Usenet

- VIII. Web Page Creation
 - Introduction to hypertext markup language (HTML)
 - Creating HTML documents
 - Lists and styles
 - Links
 - Images
 - Web page implementation
- IX. Issues
 - Privacy
 - Legal
 - Ethical
 - Security
 - International

Evaluation of Student Performance:

1. Quizzes
2. Examinations
3. Projects
 - a. Written documents based upon Internet and local network retrieval of research documents
 - b. Oral presentation based upon Internet and local network retrieval of research assignments.