

Tompkins Cortland Community College
Master Course Syllabus

Course Discipline and Number: CAPS/WD 152
Course Title: Web Page Design

Year: 2021-2022
Credit Hours: 1

Attendance Policy: *To maintain good grades, regular attendance in class is necessary. Absence from class is considered a serious matter and absence never excuses a student from class work. It is the responsibility of all instructors to distribute reasonable attendance policies in writing during the first week of class. Students are required to comply with the attendance policy set by each of their instructors. Students are not penalized if they are unable to attend classes or participate in exams on particular days because of religious beliefs, in accordance with Chapter 161, Section 224-a of the Education Law of the State of New York. Students who plan to be absent from classroom activity for religious reasons should discuss the absence in advance with their instructors. See college catalog for more information.*

Services for Students with Disabilities: *It is the College's policy to provide, on an individual basis, appropriate academic adjustments for students with disabilities, which may affect their ability to fully participate in program or course activities or to meet course requirements. Students with disabilities should contact the Coordinator of Access and Equity Services, to discuss their particular need for accommodations. All course materials are available in alternate formats upon request.*

Course Description

An introduction to the development of web pages for the Internet. Topics include HTML and/or XHTML tags, including links, graphics, backgrounds, and colors. Prerequisites: One CAPS, CIS or CSCI course; prior completion or concurrent enrollment in ENGL 099, MATH 090, and RDNG 099 if required by placement testing. 1 Cr. (2 Lec., 2 Lab. for 5 weeks) Fall and spring semesters.

Course Context/Audience

This is an introductory course in the development of web pages for the Internet. It is a required course in the Web Design A.A.S. degree program and can be used by other students as a CAPS elective.

Basic Skills/Entry Level Expectations

Writing: W1 Student should be taking ENGL 099 (if needed). The course requires very limited writing, e.g., short written responses of a paragraph or less.

Math: M3 Taking MATH 095 (if needed) – Course requires the use of basic mathematical skills plus very limited basic algebra skills.

Reading: R1 Course may be taken concurrently with RDNG 099.

Course Goals

Students will learn the basic uses and how to develop web pages. They will also become familiar with HTML and/or XHTML. Upon successful completion of the course, the student should be able to enter code into a text editor, and save it properly to eviscreate web pages that incorporate basic functions.

Course Objectives/Topics

Objective/Topic	# Hours
Planning a Web Site: Audiences, Purposes, Structure	0.5 Hour
Designing the Site: Displaying information, Navigating, Interactivity, Adding graphics	1.0 Hour
Advanced Design: Critiquing, Guidelines, Prototyping and testing	0.5 Hour
Web Elements: Text, Numbers, Images	1.0 Hour

Organizing and Assembling: Backgrounds, Grids and Borders, Text, Images, Sound and Video Links	1.5 Hours
Testing: User tested, User reactions, Updating	0.5 Hour
Using HTML and/or XHTML: Text Formatting Colors, backgrounds and graphics, Hyperlinks, Images, Tables and Web Publishing	3.0 Hours
Advanced Elements: Selected topics may include Tables, Lists, History of the Internet and Web, Editing Tools, Forms and Frames	2.0 Hours
Lab sessions	10.0 Hours

General Education Goals - Critical Thinking & Social/Global Awareness

CRITICAL THINKING OUTCOMES	HOW DOES THE COURSE ADDRESS THE OUTCOMES (Include required or recommended instructional resources, strategies, learning activities, assignments, etc., that must or could be used to address the goal/outcomes)
<p>Students will be able to</p> <ul style="list-style-type: none"> ➤ develop meaningful questions to address problems or issues. ➤ gather, interpret, and evaluate relevant sources of information. ➤ reach informed conclusions and solutions. ➤ consider analytically the viewpoints of self and others. 	<p>Students will discuss current issues in web page design. Students will gather information from various sources for projects, then compare and contract their findings. Group discussion and/or projects will allow students to develop the ability to solve problems effectively and creatively. Projects and/or discussion topics will be assigned.</p>
SOCIAL/GLOBAL AWARENESS OUTCOMES	HOW DOES THE COURSE ADDRESS THE OUTCOMES (Include required or recommended instructional resources, strategies, learning activities, assignments, etc., that must or could be used to address the goal/outcomes)
<ul style="list-style-type: none"> ➤ Students will begin to understand how their lives are shaped by the complex world in which they live. ➤ Students will understand that their actions have social, economic and environmental consequences. 	<p>Students will compare various opinions including globalization, internationalization, accessibility and/or sustainability. They will have to analyze information from various sources and make web page design recommendations and decisions based on the results. Projects and/or discussion topics will be assigned.</p>

Instructional Methods

This course is designed to be taught for 5 weeks in a lecture/lab format with approximately 2 hours per week of lecture and 2 hours of lab. On-line sections are taught for 7.5 weeks. The instructor should interact with students and assist them with problems they may have in completing the assignments. ~~Web-based~~ On-line sections require that the instructor is available for questions and student interaction. Instructors should post and maintain regular "virtual" office hours each week when they can respond to student questions.

Methods of Assessment/Evaluation

Method	% Course Grade
Lab Problems/Exercises	not more than 60%
Quizzes (optional)	not more than 60%
Final Exam/Projects	30 - 50%

Text(s) - Optional

The Web Wizard's Guide to Web Design, Lengel, James G., 1st Edition, © 2002 Prentice Hall

The Web Wizard's Guide to HTML, Lehnert, Wendy, 1st Edition, © 2002 Prentice Hall

XHTML, Chelsea Valentine and Chris Minnick, BK & CD Rom Edition, © 2001 Pearson Education

XHTML, Gosselin, Don G., BK & CD Rom Edition, © 2003 Thomson Course Technology

Note that sections of this course may use Web based resources and other Open Educational Resources in lieu of the above textbooks whenever possible.

Bibliography

No print resources specified

Other Learning Resources

Audiovisual No resources specified
Electronic WWW sources available through TC3 and the W3C (World Wide Web Consortium)
Other No resources specified