

Washtenaw Community College Comprehensive Report

WEB 110 Web Development I Effective Term: Spring/Summer 2017

Course Cover

Division: Business and Computer Technologies

Department: Digital Media Arts

Discipline: Web Design and Development

Course Number: 110

Org Number: 14500

Full Course Title: Web Development I

Transcript Title: Web Development I

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: Three Year Review / Assessment Report

Change Information:

Consultation with all departments affected by this course is required.

Course description

Outcomes/Assessment

Objectives/Evaluation

Rationale: Changes have been made based upon winter semester assessment

Proposed Start Semester: Spring/Summer 2017

Course Description: In this course, students learn web page creation using HTML5 and Cascading Style Sheets (CSS). Pages are authored in a text editor and published on a web server using an SFTP program. Major areas of emphasis include creating valid web pages, building an appropriate document structure and using modern formatting techniques. Credit by examination is available for students with prior industry experience; interested students should consult with a WEB faculty member. This course contains material previously taught in INP 150.

Course Credit Hours

Variable hours: No

Credits: 4

Lecture Hours: Instructor: 60 Student: 60

Lab: Instructor: 0 Student: 0

Clinical: Instructor: 0 Student: 0

Total Contact Hours: Instructor: 60 Student: 60

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

Requisites

General Education

Degree Attributes

Statewide articulation approved

General Education Area 7 - Computer and Information Literacy

Assoc in Arts - Comp Lit

Assoc in Applied Sci - Comp Lit

Assoc in Science - Comp Lit

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Apply the tags and attributes used in HTML5, as well as the properties and values used for formatting and text styling in CSS 1-3.

Assessment 1

Assessment Tool: Final Project (a small website)

Assessment Date: Winter 2019

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: All students

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score 80% or higher.

Who will score and analyze the data: Departmental faculty and instructors

2. Create web pages in a text editor using valid, appropriate and streamlined HTML5 for document structure and valid, appropriate and streamlined CSS for formatting.

Assessment 1

Assessment Tool: Final Project (a small website)

Assessment Date: Winter 2019

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: All students

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score 80% or higher.

Who will score and analyze the data: Departmental faculty and instructors

3. Publish web pages on a web server using an SFTP (Secure File Transfer Protocol) program.

Assessment 1

Assessment Tool: Final Project (a small website)

Assessment Date: Winter 2019

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: All students

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score 80% or higher.

Who will score and analyze the data: Departmental faculty and instructors

4. Create web pages using content that meets copyright, fair use, information integrity and ethics.

Assessment 1

Assessment Tool: Final Project (a small website)

Assessment Date: Winter 2019

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: All students

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score 80% or higher.

Who will score and analyze the data: Departmental faculty and instructors

5. Create web page based upon a design mock up.

Assessment 1

Assessment Tool: Final Project (a small web site)

Assessment Date: Winter 2019

Assessment Cycle: Every Three Years

Course section(s)/other population: All sections

Number students to be assessed: All students

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 75% of the students will score 80% or higher.

Who will score and analyze the data: Departmental faculty and instructors

Course Objectives

1. Identify and implement the HTML5 block level and inline tags, and their corresponding attributes appropriately.
2. Identify and implement the CSS 1-3 properties used for text styling and document formatting appropriately.
3. Implement web fonts.
4. Publish assignments on the WCC student web server using an SFTP program such as FileZilla.
5. Create modern layouts with advanced CSS rules like positioning and floats.
6. Recognize the uses and features of tags.
7. Identify attributes and how they are used in HTML5.
8. Validate HTML5 and CSS 1-3 using online software tools.

9. Identify and apply properties and values used to format and style a web page.
10. Use a plain text editor to create web pages.
11. Apply best practices to HTML5 for streamlined structure.
12. Apply best practices to CSS for streamlined presentation.
13. Recognize and apply principles of copyright and fair use when building a website.
14. Demonstrate information integrity and ethics in the development of a website.
15. Students code an identical web page based upon an image.

New Resources for Course

Course Textbooks/Resources

Textbooks
 Manuals
 Periodicals
 Software

Equipment/Facilities

Level III classroom
 Computer workstations/lab

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Scott Shaper</i>	<i>Faculty Preparer</i>	<i>Oct 20, 2016</i>
Department Chair/Area Director: <i>Jason Withrow</i>	<i>Recommend Approval</i>	<i>Oct 24, 2016</i>
Dean: <i>Kimberly Hurns</i>	<i>Recommend Approval</i>	<i>Nov 25, 2016</i>
Curriculum Committee Chair: <i>David Wooten</i>	<i>Recommend Approval</i>	<i>Jan 10, 2017</i>
Assessment Committee Chair: <i>Ruth Walsh</i>	<i>Recommend Approval</i>	<i>Jan 11, 2017</i>
Vice President for Instruction: <i>Bill Abernethy</i>	<i>Approve</i>	<i>Jan 12, 2017</i>