Washtenaw Community College Comprehensive Report

WEB 110 Web Development I
Effective Term: Spring/Summer 2023

Course Cover

College: Business and Computer Technologies
Division: Business and Computer Technologies
Department: Digital Media Arts (new)
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: Updating the syllabus in order to assess the current course.
Proposed Start Semester: Fall 2022
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 a Secure File Transfer Protocol (SFTP) program. Major areas of emphasis include creating valid web pages, building an appropriate document structure and using modern formatting techniques.

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. 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: Layout Project
   Assessment Date: Fall 2022
   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 75% or higher.
   Who will score and analyze the data: Departmental faculty and instructors

2. Publish web pages on a web server using an SFTP (Secure File Transfer Protocol) program.
   Assessment 1
   Assessment Tool: Layout Projects
   Assessment Date: Fall 2022
   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 75% or higher.
   Who will score and analyze the data: Departmental faculty and instructors

3. Create web page based upon a design mock up.
   Assessment 1
   Assessment Tool: Layout Project
   Assessment Date: Fall 2022
   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 75% 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 properties used for text styling and document formatting appropriately.
3. Implement web fonts.

4. Publish assignments on the WCC student web server to appropriate directories and subdirectories using an SFTP program.
5. Create modern layouts with advanced CSS rules like positioning and floats.
6. Identify attributes and how they are used in HTML5.
7. Validate HTML5 and CSS3 using online software tools.
8. Identify and apply properties and values used to format and style a web page.
9. Use a text editor to create web pages.
10. Apply best practices to HTML5 for streamlined structure.
11. Apply best practices to CSS for streamlined presentation.

New Resources for Course

Course Textbooks/Resources
Textbooks
Manuals
Periodicals
Software

Equipment/Facilities
Level III classroom
Computer workstations/lab

Reviewer	Action	Date
Faculty Preparer:		
Kelley Gottschang	*Faculty Preparer*	*Jun 09, 2022*
Department Chair/Area Director:		
Jason Withrow	*Recommend Approval*	*Jun 21, 2022*
Dean:		
Eva Samulski	*Recommend Approval*	*Jun 22, 2022*
Curriculum Committee Chair:		
Randy Van Wagnen	*Recommend Approval*	*Jan 23, 2023*
Assessment Committee Chair:		
Shawn Deron	*Recommend Approval*	*Jan 23, 2023*
Vice President for Instruction:		
Victor Vega	*Approve*	*Jan 28, 2023*

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

<u>**Course Cover**</u>
    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.

<u>**Course Credit Hours**</u>
    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)

<u>**College-Level Reading and Writing**</u>
    College-level Reading & Writing

<u>**College-Level Math**</u>

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 and image.

New Resources for Course

Course Textbooks/Resources
Textbooks
Manuals
Periodicals
Software

Equipment/Facilities
Level III classroom
Computer workstations/lab

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