Washtenaw Community College Comprehensive Report

WEB 110 Web Development I
Effective Term: Fall 2014

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:
Change Information:
   Course discipline code & number
Rationale: Because of the length of the certificate programs and the consistent changes and increased complexity of the web technologies, student success for the work place require more time to understand the material. In order to accomplish this we are increasing credit hours to have more time with students because of the complexity of the material covered.
Proposed Start Semester: Fall 2014
Course Description: In this course, students are introduced to Web page creation using Extensible Hypertext Markup Language (XHTML) 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 an INP faculty member. This course contains material from 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
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 XHTML 1.0 Strict, as well as the properties and values used for formatting and text styling in CSS 1-2.1.
   Assessment 1
   Assessment Tool: Final Project (a small Web site)
   Assessment Date: Winter 2014
   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 XHTML for document structure and valid, appropriate and streamlined CSS for formatting.
   Assessment 1
   Assessment Tool: Final Project (a small Web site)
   Assessment Date: Winter 2014
   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 Web site)
   Assessment Date: Winter 2014
   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. Validate online research using the principles of copyright, fair use, information integrity and ethics.
   Assessment 1
   Assessment Tool: Final Project (a small Web site)
   Assessment Date: Winter 2014
   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. Apply positions and floats to modern development standards.
    Assessment 1
    Assessment Tool: Final Project (a small Web site)
    Assessment Date: Winter 2014
    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. Validate XHTML 1.0 and CSS 1-2.1 using online software tools.
    Matched Outcomes
    2. Create Web pages in a text editor using valid, appropriate and streamlined XHTML for document structure and valid, appropriate and streamlined CSS for formatting.
2. Identify and implement the XHTML 1.0 block level and inline tags and their corresponding attributes appropriately.
    Matched Outcomes
    2. Create Web pages in a text editor using valid, appropriate and streamlined XHTML for document structure and valid, appropriate and streamlined CSS for formatting.
3. Identify and implement the CSS 1-2.1 properties used for text styling and document formatting appropriately.
    Matched Outcomes
4. Implement Google fonts and assessable tables that validate to appropriate browsers.
    Matched Outcomes
5. Publish assignments on the WCC student Web server using an SFTP program such as FileZilla.
    Matched Outcomes
6. Create modern layouts with advanced CSS rules like positioning and floats.
    Matched Outcomes

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	Sep 26, 2013
Department Chair/Area Director:		
Kristine Willimann	Recommend Approval	Nov 01, 2013
Dean:		
Rosemary Wilson	Recommend Approval	Nov 11, 2013
Vice President for Instruction:		
Bill Abernethy	Approve	Dec 17, 2013