MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

DEPT. CSCI   **COURSE NUMBER: 2215**

NUMBER OF CREDITS: 3   **Lecture: 3 Lab: 0   OJT 0**

Course Title:
Web Programming I with HTML

Catalog Description:
Web Programming I with HTML discusses current and futuristic web page technologies and trends, including responsive web design and mobile-first design strategies, incorporates audio and video into realistic case studies and promotes professional webpage development best practices by applying HTML for structure and CSS for style and layout.

Prerequisites or Necessary Entry Skills/Knowledge:
CSCI 1102

FULFILLS MN TRANSFER CURRICULUM AREA(S) *(Leave blank if not applicable)*

☐Goal 1: Communication: By meeting the following competencies:

☐Goal 2: Critical Thinking: By meeting the following competencies:

☐Goal 3: Natural Sciences: By meeting the following competencies:

☐Goal 4: Mathematics/Logical Reasoning: By meeting the following competencies:

☐Goal 5: History and the Social and Behavioral Sciences: By meeting the following competencies:

☐Goal 6: The Humanities and Fine Arts: By meeting the following competencies:

☐Goal 7: Human Diversity: By meeting the following competencies:

☐Goal 8: Global Perspective: By meeting the following competencies:

☐Goal 9: Ethical and Civic Responsibility: By meeting the following competencies:

☐Goal 10: People and the Environment: By meeting the following competencies:

Topics to be Covered
Introduction to the Internet and Web Design
Building a Webpage Template
Enhancing a Website with Links and Images
Applying CSS Styles to Webpages
Responsive Design for Mobile, Tablet and Desktop Devices
Creating Tables and Forms
Integrating Audio and Video into Websites
Creating and Interactivity with Social Media and JavaScript

Student Learning Outcome
Examine the fundamentals of how to plan and organize the webpages for a new website.
Design code using two fundamental webpage technologies to realistic case studies: HTML for structure and CSS for style and layout.
Perform scripting tasks using platform independent HTML with HTML editor.
Incorporate scripting that addresses new web technologies and trends including responsive web design and mobile-first design strategies.
Develop exercise-oriented projects designed to require coding in HTML and CSS.
Demonstrate current scripting techniques incorporating media objects such as audio and video.
Demonstrate current scripting techniques encouraging interactivity through social media and JavaScipt.
Apply professional webpage development best practices in navigation, usability and written content.

Is this course part of a transfer pathway: Yes ☐   No ☐
*If yes, please list the competencies below

Revised Date: