

Program Name: Web and Multimedia Technology	Outcomes	WEB 101 Web Design I	WEB 110 Web Design II	WEB 115 Web Developer I	WEB 210 Web Developer II	WEB 215 Interactive Media	WEB 220 Content Management Systems	WEB 269 Internship
Outcome #1	Students will be able to write valid and handicap accessible HTML.	Students are introduced to HTML 4.01 and the validation process	Students will learn advanced HTML including XHTML and HTML5				Students will customize HTML for the client.	
Outcome #2	Students will create and optimize images, video and sound for the web.	Students begin learning introductory Photoshop skills for creating and optimizing web graphics	Students learn advanced Photoshop techniques including Mockup-to-HTML.				Students will create images as needed for the service learning project.	
Outcome #3	Students will be able to write valid and handicap accessible CSS.	Students receive an introduction to CSS	Students learn CSS3 techniques for advanced control over layout, updating and design				Student will customize CSS for the client	
Outcome #4	Students will be able to write valid client-side scripting with JavaScript to implement user interactivity.					Students learn beginning JavaScript as well as a JavaScript Framework (jQuery)	Students will customize JavaScript for the client.	
Outcome #5	Students will be able to write and customize valid server-side scripting PHP to create dynamic, data-driven websites.			Students are introduced to the PHP server-side language and will complete a simple Content Management system by the end of the semester	Advanced Object-Oriented PHP programming is covered		Students will customize PHP for the client.	
Outcome #6	Students will create and interact with databases using SQL to create dynamic, data-driven websites.			Students are introduced to the SQL database language and will complete a simple Content Management system by the end of the semester.	Advanced SQL commands and database design and implementation are taught.		Students will customize SQL for the client.	
Outcome #9	Students will understand project management and planning for websites.		Students learn project management for the web including working in large teams, the planning process and managing client expectations				Students are exposed to project management through the service-learning project.	
Outcome #16	Evaluate and employ safe computing practices			Students include secure programming techniques to prevent SQL Injection and Anti-spam methodologies.	Students include secure programming techniques to prevent SQL Injection and Anti-spam methodologies.		Students will secure the service learning project and implement anti-spam, and anti-hacking measures.	