WEBDEV-140: Web Development with JavaScript and jQuery

Course Description:

Students learn JavaScript and how to connect to the jQuery library to develop more interactive websites. Students will learn about functions, event handlers, decision statements and other advanced coding techniques. Some topics include: image carousels, light boxes and other dynamic features. The final project is a website that students will develop incorporating JavaScript and jQuery.

Total Credits: 3.00

Course Competencies

1. **Differentiate how dynamic websites built using JavaScript and jQuery are different than static websites.**
2. **Demonstrate proficiency in the use of jQuery plugins.**
3. **Analyze how various jQuery components can be used to enhance a web site.**
4. **Evaluate various jQuery components in order to choose an appropriate tool to enhance a website based on a defined target audience.**
5. **Design an interface for a website to be enhanced by the use of JavaScript and the jQuery library.**
6. **Utilize proper file management workflow for project files.**
7. **Develop a fully-functional website that includes user interaction through the chosen jQuery components.**
8. **Critique websites built by peers.**