Course Outcomes Guide (COG)

Course Title: Web Developer I   **Date: May 2019**

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Expected Learning Outcomes

- Students will show technical proficiency in **raster** Image Manipulation by creating layer based images optimized for specific applications and showing comprehension of raster software.
- Students will demonstrate technical proficiency in **HTML** by creating code that validates, correctly incorporates all necessary code, follows semantic design and universal accessibility principles, is SEO friendly and is handicap accessible and 508 compliant.
- Students will show technical proficiency in **CSS** by creating code that validate and meets project requirements.
- Students will be able to discuss their knowledge of **theory and vocabulary** of their field in a professional manner through written and verbal communications as well as demonstrated in their work and analyze those terms in their own and others works.
- Students will demonstrate **problem solving** skills by analyzing, selecting and applying tools appropriate for a specific solution
- Students will show technical proficiency in **PHP** by creating server-side scripts that generate no errors and accomplish project goals.
- Students will show technical proficiency in **SQL** by creating databases that adhere to the normal forms and meet the needs of server-side scripting website goals.
- Students will demonstrate technical proficiency in **content management systems** by installing, creating, customizing and maintaining open-source CMS solutions.

Assessment (How do or will students demonstrate achievement of each outcome

Students are assessed on the final project via rubric.

Validation (What methods have you used or will you use to validate your assessment?)

Results (What do your assessment data show? If you have not yet assessed student achievement of your learning outcomes, when is assessment planned?)

Over All Outcome is 3.8
Creativity 3.8/ PHP SQL HTML 3.6 / Communication 4 / Presentation 3.8

Follow-up (How have you used or how will you use the data to improve student learning?)

The course will expose students to soft skills like communication and also in-depth with WordPress

Budget Justification (What resources are necessary to improve student learning?)

ATC 202 database software (XAMPP) and Adobe CC should be updated