

Course Title: WEB 210 Web Development II

Course Leader: Audra Martenot

Expected Learning Outcomes for Course

- Students will be able to write and customize valid server-side scripting PHP to create dynamic, data-driven websites.
- Students will create and interact with databases using SQL to create dynamic, data-driven websites.
- Students will understand project management and planning for websites.
- Evaluate and employ safe computing practices

Assessment

(How do students demonstrate achievement of these outcomes?)

1. Students create a basic content management system using the techniques learned in class.

Validation

(What methods are used to validate your assessment?)

1. Projects are put on the student webserver and developed over time until they meet the project requirements. PHP errors are corrected (they are visible when they exist). HTML and CSS are validated using online validation tools.

Results

(What does the data show?)

1. Students have a high success rate (B or better) on the final project.

Follow-up

(How have you used the data to improve student learning?)

1. Based on feedback from the advisory committee, I have included a new book with projects on ecommerce.

Budget Justification

(What resources are necessary to improve student learning?)

1. Students require a classroom lab with computers running the Adobe Creative Suite. Students who cannot afford this software (minimum of \$19/mo as of Fall 2012) should continue to be given access to an open lab.
2. WEB 101 students should also have access to a tutor outside of class. Previous tutors have quit because they were the only tutor: I recommend we have one tutor per WEB 101 offering which is usually three a semester.
3. In order to test and view completed projects, a working webserver is necessary. We currently own the domain hcc-webhead.net and a hosting package which supports up to 50 students. It is recommended we keep this site and purchase an additional one when we exceed 50 students.

Course Outcomes Guide