Course Title: WEB 115 Web Development I

Course Leader: Sean Maher

Expected Learning Outcomes for Course

1. Students will be able to write valid server-side scripting PHP to create dynamic, data-driven websites.
2. Students will create and interact with databases using SQL to create dynamic, data-driven websites.
3. Students will learn, implement and demonstrate principals of interactivity.
4. Evaluate and employ safe computing practices

Assessment
(How do students demonstrate achievement of these outcomes?)

1. Students create a basic Content Management System that supports CRUD principals.

Validation
(What methods are used to validate your assessment?)

1. HTML is run through the validator for errors. Database is checked against the normal forms. PHP runs without errors.

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. New book (PHP for the Web) has worked well. The lessons are well-received by the students. I believe this course addresses all the outcomes it is intended to. I do not have any reason to make updates at this time.

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 $377 as of Fall 2012) should continue to be given access to an open lab.