**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.