

Course Outcomes Guide (COG)

Directions: Please complete this form to document your progress toward improving student learning. For each item, indicate your progress and your anticipated next steps. Thank you!

Course Title: Content Management Systems

Date: 6/15/16

Course Team: Sean Maher

Expected Learning Outcomes

1. 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.
2. Students will show technical proficiency in **CSS** by creating code that validate and meets project requirements.
3. Students will show technical proficiency in **JavaScript** by creating interactive webpages that generate no errors and accomplish project goals.
4. Students will show technical proficiency in **PHP** by creating server-side scripts that generate no errors and accomplish project goals.
5. 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? Please attach a copy of your assessment electronically.)

Students are assessed 3 times; once for each project they complete. The rubric awards points based on completion of outcomes. (CMS-Project1-Blog.docx, CMS-Project2-ServiceLearning.docx, CMS-Project6-Portfolio.docx)

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

These results are compared to the results of the student portfolio review.

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

In this capstone class, there is usually very low enrollment. 2016 had 2 students. One of which went to the portfolio review, where he received 3.5 average. The other student received high marks on their projects.

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

Service learning project was not completed this year due to the client. Students were able to receive a grade based on their completed work.

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

ATC 116 is in dire need of new furniture.

Software should be updated as soon as it is released because the students will no longer be able to get out-of-date software.