Course Outcomes Guide

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/Program Title: CHM 102
Introductory College Chemistry Recitation

Date: January 2015

Course/Program Team: Nancy Thorpe, Veronica Stein, Judy Peisen

Expected Learning Outcomes
1. Apply fundamental mathematical skills, scientific notation, and significant figures to chemical concepts and data.
2. Communicate chemical information using symbols, formulas, equations and appropriate IUPAC nomenclature.
3. Organize and evaluate numerical measurements using dimensional analysis to setup and solve problems
4. Apply learned course material and critical thinking in further science courses, such as Human Anatomy and Physiology.
5. Successfully complete the Introductory College Chemistry course.

Assessment (How do or will students demonstrate achievement of each outcome? Please attach a copy of your assessment electronically.)
1. Weekly worksheets, homework assignments, and quizzes.

Validation (What methods have you used or will you use to validate your assessment?)
There is not outside validation for this course. None is needed.

Results (What do your assessment data show? If you have not yet assessed student achievement of your learning outcomes, when is assessment planned?)
This course for the first time in Fall 2011 with 6 students and not again until Fall 2012 with 4 students and Spring 2013 with 4 students. There is not enough data to report any trends, other than comments by students that stated this course helped their grade in CHM101.
This course has not been taught since Spring 2013, so no new data to report.

Follow Up: (How have you used or how will you use the data to improve student learning?)
This course was taught in Fall 2011 with only 6 students, Fall 12 – 4 students, and Spring 13 – 4 students. It was not taught in Spring 2012. We will keep trying to promote this course, since I believe it will improve overall success in CHM101.

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