

Campus Assessment of Student Learning Outcomes

Unit Name: Chemistry / Physics / Astronomy Assessment Summary Fall 2007-Spring 2008

What are the student learning outcomes in your unit?

Students will achieve a solid foundation in all fields of chemistry.

Students will design and perform chemical experiments and will learn to comprehend and produce scientific writing in chemistry.

Students will learn to critically evaluate scientific findings and be competent in scientific and quantitative reasoning.

Which outcome did you assess this academic year?

Outcome 1

How did you assess their skills before, during and / or at the end of the semester / academic year?

American Chemical Society Proficiency tests

Research papers

Seminar presentations

Exit Interviews and results of Alumni surveys

Please summarize the data you have collected this semester / academic year.

Assessment data collected in the Spring. Students pass 98% of the ACS Proficiency tests

Please describe any programmatic changes you have made or are planning to make based on the data you have collected.

None so far, although with American Chemical Society approving new guidelines for undergraduate chemistry programs recently, we (Department chair and the chemistry faculty) are planning to start discussions in the Fall on revising and improving our curricula that will be consistent with ACS guidelines.

****Note: Please use this template to provide the responses to the prompts above.****