

Institutional Student Learning Outcomes – Baseline Summary Results - 2014

Background

In Spring 2014 the Student Learning Outcomes (SLO) Committee decided to conduct assessments of our Institutional SLOs using locally developed assessments for each of the seven ISLOs. Faculty agreed to participate in a stratified random sample of face to face class meetings (sections) mid-semester. The research office randomly selected 173 sections to participate in one of the seven ISLO assessments.

Response Rates

Each assessment required a student ID to allow the research office to match student characteristics to the SLO results. Valid responses are those with a valid student ID. There are 2,204 unduplicated students with valid assessments from a total of 2,816 responses. Overall, 22% of students were assessed on at least one ISLO.

Results

The research office examined student characteristics to determine cohorts based on the number of units earned (completed) at the time of assessment. The following table illustrates each cohort:

Cohort	Students	Avg Age	% Female	% Caucasian	Avg Units Completed	Avg CUM GPA
#3 – 75 or more units	794	33.2	64.5	77.1	95.1	3.11
#2 – 45 to 74.5 units	1,704	29.6	59.9	73.6	58.0	3.02
#1 – 15 to 44.5 units	2,858	27.5	57.3	71.6	27.7	2.81
#0 - 0.5 to 14.5 units	2,968	26.2	53.7	70.0	7.2	2.62
First time students	1,764	29.2	53.1	59.5	0.0	0.00
Spring 2014 student body	10,088	28.2	56.5	69.8	27.6	2.81*

*Average GPA calculated without first time students.

Each ISLO assessment was developed locally by Shasta College faculty. There are two types of questions using multiple choice or agreement scales. Some items are skills-based (with a correct answer) and others are the student's self-assessing his or her level of proficiency. To compare results across seven different assessments, the research office developed a scoring criteria. A score was calculated for each assessment based on the number of correct answers (skills-based) or scaled responses with a 2 or 3 (on a 0 to 3 point scale). We used 75% or higher to determine "proficiency" on the ISLO. The average results are shown below for all students assessed.

- On Quantitative Reasoning outcomes, less than 10% of our students are proficient.
- On Community & Global Awareness outcomes, 28% of our students are proficient.
- On Information Competency outcomes, 45% of our students are proficient.
- On Workplace Skills outcomes, 49% of our students are proficient.
- On Self-Efficacy outcomes, 52% of our students are proficient.
- On Effective Communication outcomes, 75% of our students are proficient.
- On Critical Thinking outcomes, 79% of our students are proficient.

Further information is available for each ISLO including results for each student cohort based on units earned. If you have questions or would like to discuss these results, please contact the research office. In the fall, as part of the Faculty Professional Development program, working groups will be formed to analyze results and design interventions to improve student outcomes.