

Assessment of Program Student Learning Objectives (SLOs)
SLO Survey of Degree Applicants
Chemistry AS Degree, Summer 2012 – Spring 2013



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Demonstrate preparedness to transfer to a 4 year institution	6	66.7%	33.3%	0.0%	0.0%	3.67
Effectively explain general chemistry and organic chemistry theories and concepts	6	66.7%	33.3%	0.0%	0.0%	3.67
Perform quantitative analysis relating graphical and numerical data obtained from laboratory experiments, and apply chemistry theories to solve problems	6	66.7%	33.3%	0.0%	0.0%	3.67
Critically analyze and apply general chemistry and organic chemistry concepts	6	66.7%	33.3%	0.0%	0.0%	3.67

Note: "Mean Score" is derived by assigning numeric values to each response (where 1="Disagree Strongly", 2="Disagree", 3="Agree", and 4="Agree Strongly") and calculating the mean of all responses for a given question item.

Narrative Comments

What particular elements of CSM's Chemistry Program helped you the most?

- Having the availability of the Integrated Science Center and Instructors available throughout the day, the office hours of each professor and the open lab time on top of lab hours assigned for the class. All chemistry classes were demanding for time, but lab hours helped drastically!
- organic chemistry classes
- The inspired and knowledgeable professors were the most helpful part of the program. It is a wonderful learning environment when the teachers are not only very skilled in their field, but also obviously enjoy teaching and sharing that knowledge with others. All but one Prof. I had in the department fit that Description.
- the labs were helpful
- The teachers are an extremely big help for the chemistry program. They're so dedicated and willing to help out their students.

What particular element of CSM's Chemistry could be changed or added to help you?

- no
- Better equipment for the chemistry labs, like more equipment that would be up to date with what the industry is using or has used recently.
- internship outside the campus
- More open lab times to make use for studying and reviewing experiments, etc.
- The general chemistry I labs were horrendously remedial in nature. Labs which require more intellect and less "measure-net" would have been nice.