

Assessment of Program Student Learning Objectives (SLOs)
SLO Survey of Degree Applicants
Chemistry AS Degree
Summer 2012 – Spring 2014



Program SLO Statements

	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
1. Critically analyze and apply general chemistry and organic chemistry concepts	8	75.0%	25.0%	0.0%	0.0%	3.75
2. Demonstrate preparedness to transfer to a 4 year institution	8	62.5%	37.5%	0.0%	0.0%	3.63
3. Effectively explain general chemistry and organic chemistry theories and concepts	8	75.0%	25.0%	0.0%	0.0%	3.75
4. Perform quantitative analysis relating graphical and numerical data obtained from laboratory experiments, and apply chemistry theories to solve problems	8	75.0%	25.0%	0.0%	0.0%	3.75

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.

NOTE: The data presented here are derived from an online survey sent to all CSM degree applicants, Summer 2012-Spring 2014. Award earners are asked to indicate the extent to which they agreed with statements regarding student learning outcomes associated with their program.