

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



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Use basic architectural principles in elementary two & three dimensional design problem-solving	3	66.7%	33.3%	0.0%	0.0%	3.67
Use graphics, including freehand drawing and computer applications, and physical models to communicate three dimensional design concepts and alternatives	3	66.7%	33.3%	0.0%	0.0%	3.67
Describe architectural precedents and traditions, in particular the influences of the 20th/21st century, that impact the built environment and environmental design	3	66.7%	33.3%	0.0%	0.0%	3.67
Successfully carry out both individual and collaborative work as a part of a design team	3	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 element of CSM's Architecture could be changed or added to help you?

- More architecture staff to help with questions that others can't answer
- No changes, but I would recommend adding more Architectural design classes in addition to more Studio hours.
- While I enjoyed conceptual designs, I think that more technical/practical designs would have been helpful.

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

- All the Architectural Design classes at CSM helped me develop and improved all my design skills.
- Design, it really open my mind to the environment around me and enhanced my critical thinking.
- I mostly enjoyed working in the studio with conceptual design concepts.

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



Photography	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Create effective photographic compositions using design principles	2	100.0%	0.0%	0.0%	0.0%	4.00
Critically analyze and evaluate a photographic exhibit	2	100.0%	0.0%	0.0%	0.0%	4.00
Demonstrate the ability to produce a fine print and create a professional presentation	2	100.0%	0.0%	0.0%	0.0%	4.00
Utilize the photographic medium as a means of self-expression	2	100.0%	0.0%	0.0%	0.0%	4.00

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 Art: Photography Program helped you the most?

- Film, experimental and Visual Perception
- Traditional photography B&W

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

- More lab time during the school week

Assessment of Program Student Learning Objectives (SLOs)
SLO Survey of Degree Applicants
Art History AA Degree, Summer 2012 – Spring 2013



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Identify major monuments and movements in the history of art	2	0.0%	100.0%	0.0%	0.0%	3.00
Identify and describe stylistic characteristics in order to place works of art in their historical and stylistic context	2	0.0%	100.0%	0.0%	0.0%	3.00
Apply critical analysis to compare and contrast works of art	2	0.0%	100.0%	0.0%	0.0%	3.00
Critique in an original manner, using the appropriate language of art, the form and content of works of art	1	0.0%	100.0%	0.0%	0.0%	3.00
Relate works of art to the societies in which they were created	2	0.0%	100.0%	0.0%	0.0%	3.00

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 Art History Program helped you the most?

- test
- What helped me the most in the Art History Program is the terrific instructors I had. xxxx!

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

- More online resources for us to access FREE OF CHARGE. NO MORE \$80 FEE FOR ONLINE QUIZZES AND FREE ACCESS CODES FOR ALL TEXTBOOKS.
- The online quiz fee of \$80 and the inability to access it without multiple tries logging in.

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



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Explain the scientific method and its applications, and use the scientific method in a laboratory setting	4	50.0%	50.0%	0.0%	0.0%	3.50
Explain the principle of evolution as a fundamental process of all biology	4	50.0%	50.0%	0.0%	0.0%	3.50
Describe how structure and function are related at all levels of life	4	50.0%	50.0%	0.0%	0.0%	3.50
Demonstrate proficiency in basic lab skills and analysis	4	50.0%	50.0%	0.0%	0.0%	3.50

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 element of CSM's Life Sciences: Biological could be changed or added to help you?

- I was satisfied.
- More funding for the department so classes would not have to be held online and in class, nor would we have to cut hours during our labs and lectures.
- None
- The ISC is a very helpful space to do homework and get help from peers and professors, unfortunately the hours were often too limited for me due to my heavy course loads. It would have been nice for it to have been open earlier (8am rather than 9am) and later in the evenings (past 4 pm) so we could study after afternoon labs.

What particular elements of CSM's Life Sciences: Biological Program helped you the most?

- The Biology Professors and the ICU
- 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.
- The lab work helps a lot with the learning process.
- The resource materials available to students

Assessment of Program Student Learning Objectives (SLOs)
SLO Survey of Degree Applicants
Biology: Pre-Nursing AS Degree,
Summer 2012 – Spring 2013



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Explain the scientific method and its applications, and use the scientific method in a laboratory setting	16	62.5%	37.5%	0.0%	0.0%	3.63
Explain the principles of evolution as a fundamental process of all biology	16	56.3%	43.8%	0.0%	0.0%	3.56
Describe how structure and function contribute to homeostasis at all levels of human biology	16	43.8%	56.3%	0.0%	0.0%	3.44
Demonstrate knowledge of common and current clinical issues	15	66.7%	33.3%	0.0%	0.0%	3.67
Demonstrate proficiency in basic lab skills and analysis	16	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.

Narrative Comments

What particular elements of CSM's Biology: Pre-Nursing Program helped you the most?

- All the science classes that were pre requisite in taking microbiology and physio has been challenging as well as helpful, I enjoyed all the curriculum.
- Good explanation of real life application such as hospital setting. Has some experiment that applies to real life.
- I particularly enjoyed the labs that were combined with anatomy and microbiology.
- Instructors do give good explanation of real life application when teaching a subject. It is great to have some real cadaver to further my knowledge of medical knowledge.
- It helped me in identifying the different structure of the human system, how it works, and the different ways to identify if a certain part of the body is malfunctioning. These tools helped me learn more about the human body and beyond.
- xxxx. He's incredible. He truly wants his students to learn and succeed. He has tons of experience and knowledge that he shares to make it applicable and relevant to students. He is kind and patient. He is brilliant and humble. The best teacher I have ever had!
- Love the fact that the Pre-Nursing A.S. is now classified under Biology and not life science!
- Professor xxxx was an amazing teacher! He made those difficult chemistry classes interesting and relevant.
- The ability to work well within a group and research topics that involve our health and community. The Pre-Nursing program has helped me become a more open-minded and well-rounded about what is going on around me in everyday situations.
- The human anatomy course was very helpful.
- The lab skills i think will be very useful.
- The parts of The Pre-Nursing program that helped me most has been that all my classes have given me a great base of knowledge so i could apply that to my other classes
- The professors and resources offered is what helped me get the most of my education at CSM. It made learning easier, and is going to be a real benefit for my future.
- Having access to the cadavers in my Anatomy lab was very helpful
- Labs
- The professors and resources offered were what helped me get the most out of my studies at CSM. They made learning easier and will benefit me in the future.

What particular element of CSM's Biology: Pre-Nursing could be changed or added to help you?

- Add more microbiology professors. The one that CSM has is very difficult to understand, and I had a hard time with him.
- xxxx Microbiology was horrific. He tests on things that were never discussed, in lecture or in the book, yet we were accountable for knowing it. Ridiculous. The man should not be teaching. He is impatient, in tolerant, does not like to be questioned, and moody. Terrible teacher. The amount of stress he inflicts on his students disrupts the learning experience. There is no guidance, just bare information and high expectations from him.
- Hope to have better tools for lab experiment that is close to real life use.
- I didn't encounter anything that I would recommend changing or adding. My experience here at CSM was a positive one, and I hope it continues to be the same for the students after me.
- I do not see anything that can be changed or added to the program.
- I liked the different labs we have to take aside from the lectures.
- More better tools for some experiment like blood lancet and etc.
- More clinical experience as well as mandatory volunteer hours to make sure you can handle working in a hospital.
- More time in the open lab.
- None
- Professor xxxx was not a good teacher. He made microbiology impossible to enjoy. I was riddled with anxiety and stress the entire time. The tests are unpredictable, as was his mood. Not a pleasant experience.

- Something that would have helped would have been maybe having a counselor mention classes about medical terminology for classes I would be having to take.
- The learning center tutors as well as the integrated science lab.
- This wouldn't help me directly, but I think some more professors in the science department would help other students, especially another microbiology professor. As for what would help me, I am not too sure, but maybe a stronger science and math department.
- I didn't encounter anything I would change or add. The campus has improved a lot since I first started in 2009, and it's all to benefit its students and help them succeed. My experience at CSM was a positive one, and I hope it continues to be for the students after me.
- More time in the science study center, study groups, being able to get help from teachers/feel like they are approachable
- None

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



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Explain the scientific method and its applications, and use the scientific method in a laboratory setting	3	66.7%	33.3%	0.0%	0.0%	3.67
Explain the principle of evolution as a fundamental process of all biology	3	66.7%	33.3%	0.0%	0.0%	3.67
Describe how structure and function are related at all levels of life	3	66.7%	33.3%	0.0%	0.0%	3.67
Demonstrate proficiency in basic lab skills and analysis	2	50.0%	50.0%	0.0%	0.0%	3.50

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 Biology: General Program helped you the most?

- The diversity of courses offered helped to expand my learning interests.
- The amount of office hours that the professors had available were really helpful.
- The personalized attention provided by the teachers was really a game changer for me.

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

- Had no issues with programs that were missing! I was given all the help I could need from the excellent Professors in each course.
- In my opinion, there have to be more funds allocated to the labs for biology and other sciences.

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.

Assessment of Program Student Learning Objectives (SLOs)
SLO Survey of Degree Applicants
Communication Studies AA Degree,
Summer 2012–Spring 2013



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Express ideas and provide supporting evidence effectively in writing and in speaking	5	75.0%	25.0%	0.0%	0.0%	3.80
Apply communication skills and communication theories when working in a team	5	75.0%	25.0%	0.0%	0.0%	3.80

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 Communication Studies Program helped you the most?

- COMM 130 class taught me a lot about how important communication is in my daily life. xxxx psych classes taught me different ways to communicate.
- I learned effective ways to work in teams and have learned more about myself.
- The teachers were fantastic. They truly were. That's why I became a COMM major- and stayed one.

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

- I didn't think the instructor's gave great insight on how to work on stuttering, using filler words, etc. It was something I had to just teach myself not to do.
- I'm sure there are ways for improvement- I can't think of any in particular, but off hand, the COMM lab gets crowded at certain times of the year- maybe we can keep a list of the people in line, not on a piece of paper. Though, it wasn't that bad. (COMM lab and helpers are great by the way!)

Assessment of Program Student Learning Objectives (SLOs)
SLO Survey of Degree Applicants
Communication Studies AA-T Degree,
Summer 2012–Spring 2013



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Express ideas and provide supporting evidence effectively in writing and in speaking	9	55.6%	33.3%	0.0%	11.1%	3.33
Apply communication skills and communication theories when working in a team	9	77.8%	11.1%	0.0%	11.1%	3.56

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 Communication Studies: Transfer - CSU GE/ IGETC GE Program helped you the most?

- Communication Lab and the instructors.
- Getting help from my professors while Developing and writing out my speeches . Also the COMM lab helped out a lot, with all their resources.
- I would say the two classes that had the greatest impact on me that I use in my life today are the Interpersonal Communication and Intercultural Communication. The professors were all amazing.
- The lab was very helpful, especially the new one at the learning center. The new equipment, the staff, and learning environment helped me the most.
- The structure of my writing has improved greatly in the communication program
- This program helped me to improve myself and taught me how to not be shy in front of people.
- Being enrolled in the Communication 110 class at the College of San Mateo, I gained a lot of knowledge on key organizational skills when preparing speeches. I was able to effectively structure my speeches in a way that would draw the audience's attention as well as touch on key points in an organized manner that was easy for the listener to understand. Lastly, practicing with distinguishing the various uses of logos, pathos, and ethos in a speech enabled me to deliver addresses that were not only logical but were emotionally drawn.
- The teachers are very involved and are willing to help students at any time in any way
- The assignments that I've had to complete was able to prepare me for what's waiting in the real world

What particular element of CSM's Communication Studies: Transfer - CSU GE/IGETC GE could be changed or added to help you?

- I cannot think of anything in particular.
- I don't think there needs to be any changes
- I think there should be communication tutors to help write speeches or give ideas. Help people use the equipment and help people who are afraid of public speaking.
- N/A
- There is a lot of overlap in the classes, which i didn't really like
- Not much. I felt that the course work that I completed is spot on

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



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Legally sit for the Registered Dental Assistant (RDA) licensing examination for the State of California	5	100.0%	0.0%	0.0%	0.0%	4.00
Legally sit for the Certified Dental Assistant (CDA) licensing examination administered by the Dental Assisting National Board (DANB)	5	100.0%	0.0%	0.0%	0.0%	4.00
Follow the Continuing Education procedures necessary to maintain current knowledge in dental assisting and dentistry	5	80.0%	20.0%	0.0%	0.0%	3.80
Demonstrate knowledge of existing California laws regarding delegatable duties and dental ethics as they relate to dental assisting	5	100.0%	0.0%	0.0%	0.0%	4.00

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 Dental Assisting Program helped you the most?

- Good Teachers
- Hands on experience
- The teachers were a big help and gave me the necessary knowledge I needed to graduate.
- The teachers were very hands on and helpful with whatever was needed.

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

- Better organization.

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



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Use math, science, and engineering concepts to identify, formulate, and solve engineering problems	5	80.0%	20.0%	0.0%	0.0%	3.80
Use the techniques and tools of engineering at an elementary level to design a device, program, or process to meet specified requirements	5	60.0%	20.0%	20.0%	0.0%	3.40
Communicate the results of design and analysis orally and through text and graphics	5	40.0%	60.0%	0.0%	0.0%	3.40
Work effectively in teams	5	40.0%	40.0%	0.0%	20.0%	3.00

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 Engineering Program helped you the most?

- All of the engineering core helped me. Most specially engineering 100 where we are introduced to different kinds of engineering. There is also engineering 210 which help me use the software AutoCAD and solid works.
- Engineering 100 intro . this helps me a lot to choose what kind of engineering i should pursue. Engineering 260 circuits - this helps me a lot especially doing household chores involving circuits
- I did my engineering at Canada College. I will say that I am able to pick up difficult information at a quicker pace because of all the hard classes I had to take. And I can solve pretty complex engineering problems.
- The professors, especially xxxx, were very helpful. Professor xxxx made xxxx available through office hours, online office hours, and email to help me with the engineering courses and transfer courses. She is hard working, easy to approach, and funny.

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

- everything is fine. and i wouldn't change nor add any thing
- I do not know because I did all my engineering at Canada college. But at Canada nothing needs to be changed.
- I don't think anything need to be changed.
- i guess there is nothing to be changed for they are really helpful. most of the engineering class helped me learn different kind of techniques to solve problems

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



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Analyze & respond critically to literary and expository texts	5	60.0%	40.0%	0.0%	0.0%	3.60
Demonstrate knowledge of a variety of authors, literary genres, and literary devices	5	80.0%	20.0%	0.0%	0.0%	3.80

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 English Program helped you the most?

- English 161 and 162 helped me realize I have true talent in writing prose fiction and poetry. I've taken a strong liking to creative writing and intend on furthering my education at a 4-year institution. As for the most appreciated assistance I received at CSM, I enjoyed having the writing center available for my use, and the helpful staff.
- None.
- The free use of the Writing Center and the tutorials explaining the different areas of English
- The Writing Center was invaluable for getting my work finished on time and with fresh perspectives from other instructors.

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

- At times, the Writing Center seemed under staffed, though I know this can be attributed to funding cuts, and not to any fault of the staff themselves.
- Better selection of authors and reading material.
- Make the classes more challenging and more available, have a larger assortment of classes to choose from, and make mandatory intense seminars, in which we can analyze literature and practice debating and become comfortable in seminar like environments to better prepare us for graduate school.
- More work, more challenging, having more motivated peers and more animated discussions.
- My experience with CSM's English program was a positive one.
- Nothing I can think of.

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



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Analyze and respond critically to film form and film style	1	100.0%	0.0%	0.0%	0.0%	4.00
Demonstrate knowledge of important directors, genres and movements in the history of film art	1	100.0%	0.0%	0.0%	0.0%	4.00

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

No comments submitted

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



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Understand the concepts and theories related to the fire service including its history, fire prevention techniques, equipment, fire behavior and chemistry, building construction, and firefighter safety	21	90.5%	9.5%	0.0%	0.0%	3.90
Recognize the tools and equipment used in the fire service, and demonstrate their safe and proper use	21	85.7%	14.3%	0.0%	0.0%	3.86
Explain and demonstrate the importance of developing interpersonal and communication skills necessary to function within the fire service and society at large	20	90.0%	10.0%	0.0%	0.0%	3.90
Describe and demonstrate the value and necessity of ethics, integrity, and professionalism in the fire service	20	90.0%	10.0%	0.0%	0.0%	3.90

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 Fire Technology Program helped you the most?

- All the experience that the professors hold is a great element to this program, the involvement in class and the connections made are of great help. The way classes are set up also make the program much interesting.
- I believe the elements of the instructors has helped me succeed in College of San Mateo's Fire Technology program because of their years of hands-on experience.
- I chose to take Fire Academy as my last class before graduating and it really put all my previous fire classes together for me. The fact that the instructors were retired Fire Chiefs or current firefighters and/or Fire Captains gave a lot of insight into the career path I've chosen.
- I completed the program and was successful in obtaining a rewarding career in the Fire Service, I am currently a Paramedic Fire Captain working in San Mateo County and live down the street from your Campus. I thank the program for my success.
- Instructors with experience, variety of instructors, standard of ethics, CSM firehouse with functional equipment that allowed for hands-on experience. Perhaps the most crucial element to the success of the Fire Technology program at CSM is its instructors. Both working and retired fire department personnel from throughout the bay area are extremely important for imparting knowledge, advice based on experience, and life lessons to the students of this program. I cannot emphasize this enough, the instructors are the keystone of this program, and if it were not for them I would not be where I am today.
- Relating text information to real life.
- Teachers with on the job and real life experiences.
- The Fire Academy helped me the most because I was able to get hands on training as well as classroom time. I was able to visit stations around the county to learn different aspects of the fire service. EMT class also helped me tremendously because medical aids are the majority of fire service calls and it is important to be able to perform.
- The Instructors made the in class training and material very interesting. Their morals and values were extended out to the students. They helped us understand honor and dangers of this career field. I thank them the Instructors for inspiring me.
- the instructors.
- The internship program and the instructors
- The internship program gave me a great advantage when seeking employment in the fire service.
- The knowledge and experience of the instructors that were teaching was more informational then the books themselves. I really enjoyed the Fire Academy most of all because it included local firefighter volunteering their time to come and teach.
- The public speaking exercises really helped me. Every semester there's a 10 minute long presentation you have to give in front of the class. it really helped me get over my stage fright.
- The strong influence of the instructors.
- The years of hands on experience of ALL of the instructors and their willingness to share knowledge with students and help in any way they can.
- Thee instructors years of experience in the fire service put true meaning to the material we studied. They're knowledge that has been taught is invaluable to me for my career in the fire service.
- What helped me most was the amount of knowledge and first-hand experience the teachers had. This helped me understand the material better, because they not only knew what they were talking about they went through it also.

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

- A Calfire accredited fire academy certification would be a good addition to the fire technology program.
- A training tower
- ACLS, PALS, ITLS, CPR and other classes could be added all together as a group and become one class together. More stringent requirements should be held for passing the manipulative portion of the Fire Academy.

- Fire Technology courses should be available for both Fall and Spring semesters.
- I feel I had all the tools needed to completely grasp and apply the knowledge I have gained.
- i honestly feel that they have the program set up very well and i do not know what i would change or add.
- I think it would be beneficial if the CSM Fire Academy was an accredited academy and was everyday as opposed to 3 times a week.
- I think the program has been flawless in my opinion and the changes made throughout my time in the program have met all my expectations.
- I thought it was great. You learn the hiring process even. The hands on work was fun and you really learn a lot from it.
- It would of been nice to have a Paramedic program
- More skills days with the fire equipment would be nice!
- More structured training.
- N/A
- N/a.
- None

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



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Apply the scientific method and geologic concepts to identify/interpret minerals, rocks and fossils, geologic maps, cross-sections and stratigraphic columns, paleontological data	3	100.0%	0.0%	0.0%	0.0%	4.00
Understand the basic principles of physical and historical geology, including: processes that shape and form the Earth; Earth Geologic Time; Dating Methods; Ecology; Evolution; Extinction; and the Fossil Record	3	100.0%	0.0%	0.0%	0.0%	4.00

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 Geological Sciences Program helped you the most?

- I have to say all the classes; geology with lab, oceanography, and paleo with lab have been so helpful and are geared for the general student and also to someone who plans on majoring in the subject. especially the teacher who teaches these classes is amazing on all levels and I recommend her to everyone. the fact that the labs and the lectures are in parallel is extremely helpful! All it took was one class and I was hooked and the teacher made all the difference and was the true reason I continued taking her classes and now it's my major.
- Professor xxxx is amazing! Keep her on staff
- The professionalism and ability of Prof. xxxx to bring subjects to life.

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

- A oceanography lab NEEDS to be offered so it can be taken at the same time and not on a different campus. And the same teacher that teaches the Earth sciences needs to teach it!
- Need more engaging chemistry teachers. Instructors, while knowledgeable, lacked enthusiasm for student learning.

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



Transfer - IGETC/CSU GE	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Apply the scientific method and geologic concepts to identify/interpret minerals, rocks and fossils, geologic maps, cross-sections and stratigraphic columns, paleontological data	1	0.0%	100.0%	0.0%	0.0%	3.00
Understand the basic principles of physical and historical geology, including: processes that shape and form the Earth; Earth Geologic Time; Dating Methods; Ecology; Evolution; Extinction; and the Fossil Record	1	0.0%	100.0%	0.0%	0.0%	3.00

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

No comments submitted

Assessment of Program Student Learning Objectives (SLOs)
SLO Survey of Degree Applicants
Kinesiology AA-T Degree, Summer 2012 – Spring 2013



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Demonstrate a working knowledge of body mechanics as it relates to physical activity, fitness and health	6	50.0%	50.0%	0.0%	0.0%	3.50
Explain the impact of physical activity and inactivity on fitness and health	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 Kinesiology: Transfer - CSU GE/ IGETC Program helped you the most?

- Going through the process of learning the possible occupations and discussing functional anatomy and physiology in correlation to fitness and athletics
- The Anatomy and Physiology classes helped me understand the human body a lot more, and having to take extra exercise classes inspired me to get myself into better shape.
- The fact that i not only learned from the curriculum but I also obtained valuable knowledge from the teachers experiences in their kinesiology program.
- The Kinesiology Program at CSM helped me narrow my focus on what I should peruse for a Career. It helped me envision the person I want to be as I move on in my life
- The intro to kinesiology class really helped give a good background of the programs that can be offered at a 4-year university and what is possible with a degree in a field of kinesiology

What particular element of CSM's Kinesiology: Transfer - CSU GE/IGETC could be changed or added to help you?

- I would have liked it if there was a lab to go along with the Kinesiology 101 class, cause would help with the practical learning of the chapters that were covered in the class.
- Make the classes more like high school and provide more helpful worksheets and other hw assignments to help obtain the knowledge of kinesiology
- Maybe CSM could add a Physical Therapy/ Sports Physical Therapy class. CSM is a good Sports Community College. I'd like to see that the KINE part of education follows that of its sports curriculum.
- More class offerings
- I believe more glasses geared to the actual major besides the prerequisite classes such as anatomy and physiology. I think a class about sport injuries and maybe athletic training would be a great addition

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



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Synthesize ideas expressed in mathematical language by: Demonstrating the ability to understand both written and spoken mathematics	4	75.0%	25.0%	0.0%	0.0%	3.75
Synthesize ideas expressed in mathematical language by: Demonstrating a basic understanding of proof	4	100.0%	0.0%	0.0%	0.0%	4.00
Synthesize ideas expressed in mathematical language by: Communicating arguments clearly	4	100.0%	0.0%	0.0%	0.0%	4.00
Synthesize ideas expressed in mathematical language by: Demonstrating the ability to collaborate in problem solving (i.e. study groups, group projects)	3	33.3%	66.7%	0.0%	0.0%	3.33
Demonstrate analytical thinking by: Identifying what a problem is really asking	4	100.0%	0.0%	0.0%	0.0%	4.00
Demonstrate analytical thinking by: Breaking complex problems into manageable smaller problems	4	75.0%	25.0%	0.0%	0.0%	3.75
Demonstrate analytical thinking by: Identifying the relationships among verbal, symbolic, graphical and numerical representations within the same problem	4	75.0%	25.0%	0.0%	0.0%	3.75
Demonstrate analytical thinking by: Solving non-algorithmic problems	4	75.0%	25.0%	0.0%	0.0%	3.75
Demonstrate resourcefulness in problem solving by: Choosing appropriate methods	4	75.0%	25.0%	0.0%	0.0%	3.75
Demonstrate resourcefulness in problem solving by: Synthesizing appropriate strategies, techniques or information from prerequisite courses	4	75.0%	25.0%	0.0%	0.0%	3.75
Demonstrate resourcefulness in problem solving by: Using alternative representations of mathematical ideas	4	100.0%	0.0%	0.0%	0.0%	4.00
Demonstrate resourcefulness in problem solving by: Recognizing and explaining source of errors and impossible solutions	4	100.0%	0.0%	0.0%	0.0%	4.00
Employ mathematical strategies with confidence	4	100.0%	0.0%	0.0%	0.0%	4.00

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 Mathematics Program helped you the most?

- CSM's mathematics program very effectively connected math to the other sciences and the rest of the world.
- xxxx, xxxx both excellent professors helped me with my mathematics.
- Teachers helped me a lot.

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

- I think more staff is needed in MRC.
- More professors like xxxx
- More variety of times offered for higher level math classes.

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



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Synthesize ideas expressed in mathematical language by: Demonstrating the ability to understand both written and spoken mathematics	3	100.0%	0.0%	0.0%	0.0%	4.00
Synthesize ideas expressed in mathematical language by: Demonstrating a basic understanding of proof	3	66.7%	33.3%	0.0%	0.0%	3.67
Synthesize ideas expressed in mathematical language by: Communicating arguments clearly	2	50.0%	50.0%	0.0%	0.0%	3.50
Synthesize ideas expressed in mathematical language by: Demonstrating the ability to collaborate in problem solving (i.e. study groups, group projects)	3	66.7%	33.3%	0.0%	0.0%	3.67
Demonstrate analytical thinking by: Identifying what a problem is really asking	3	66.7%	33.3%	0.0%	0.0%	3.67
Demonstrate analytical thinking by: Breaking complex problems into manageable smaller problems	3	100.0%	0.0%	0.0%	0.0%	4.00
Demonstrate analytical thinking by: Identifying the relationships among verbal, symbolic, graphical and numerical representations within the same problem	3	100.0%	0.0%	0.0%	0.0%	4.00
Demonstrate analytical thinking by: Solving non-algorithmic problems	3	66.7%	33.3%	0.0%	0.0%	3.67
Demonstrate resourcefulness in problem solving by: Choosing appropriate methods	3	100.0%	0.0%	0.0%	0.0%	4.00
Demonstrate resourcefulness in problem solving by: Synthesizing appropriate strategies, techniques or information from prerequisite courses	3	33.3%	66.7%	0.0%	0.0%	3.33
Demonstrate resourcefulness in problem solving by: Using alternative representations of mathematical ideas	3	100.0%	0.0%	0.0%	0.0%	4.00
Demonstrate resourcefulness in problem solving by: Recognizing and explaining source of errors and impossible solutions	3	100.0%	0.0%	0.0%	0.0%	4.00
Employ mathematical strategies with confidence	3	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 Mathematics Transfer: CSU GE/IGETC Program helped you the most?

- The teaching staff is very helpful.
- Having the math center helped the most because I could go in there and ask questions.

What particular element of CSM's Mathematics Transfer: CSU GE/IGETC could be changed or added to help you?

- The required hours in the math lab. I would rather work in the learning center, and it would be nice if the hours could transfer over into math lab hours.
- Having different(or more classes)times for math classes especially when there is only one class offered.

Assessment of Program Student Learning Objectives (SLOs)
SLO Survey of Degree Applicants
Electronic Music AA Degree, Summer 2012 – Spring 2013



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Compose, produce, record and mix original electronic music pieces using various electronic music technologies and techniques	1	100.0%	0.0%	0.0%	0.0%	4.00
Design original sounds using analog synthesis, digital synthesis and sampling	1	100.0%	0.0%	0.0%	0.0%	4.00
Create and synchronize original sound effects, Foley, music and dialogue to visuals	1	100.0%	0.0%	0.0%	0.0%	4.00
Analyze the compositional elements, production qualities and musical aesthetics of my own works and the works of other electronic musicians	1	100.0%	0.0%	0.0%	0.0%	4.00
Compose, produce, record and mix original electronic music pieces using various electronic music technologies and techniques	1	100.0%	0.0%	0.0%	0.0%	4.00

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 Music: Electronic Music Program helped you the most?

- Learning about sound creation by using the analog ARP 2600, as well as new techniques within the DAW Logic Pro.

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

- More in depth lab time, meaning longer assignments in the studios.

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



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Demonstrate proficiency in aural skills such as sight-singing, rhythmic execution, harmonic, melodic and rhythmic dictation	2	0.0%	50.0%	50.0%	0.0%	2.50
Perform advanced analysis on the melodic, harmonic and formal\components of written music from the common practice period	2	50.0%	50.0%	0.0%	0.0%	3.50
Create derivative and/or original music in 4-voice chorale style\consistent with common practice period voice leading norms	2	50.0%	50.0%	0.0%	0.0%	3.50
Demonstrate basic proficiency in keyboard skills including scales, basic chord progressions, sight-reading and repertoire	2	0.0%	100.0%	0.0%	0.0%	3.00
Demonstrate proficiency on an instrument or voice that enables self-expression and musical communication	2	0.0%	50.0%	50.0%	0.0%	2.50

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 Music Program helped you the most?

- Prof. xxxx harmony program is extremely well designed in its presentation of western harmonic theory.
- Mus 202: listening & enjoyment was amongst the most enjoyable & informative of all major related classes offered in the curriculum.
- Time spent in the music lab really help me understand and apply concepts from class lectures. The piano rooms were also very beneficial.

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

- The addition of private instrumental instruction
- Instruction in other disciplines besides guitar, piano or voice
- The addition of non-"band" based ensembles
- Greater student accommodations; i.e.: practice rooms, instruments, etc.

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



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Apply the Laws of Physics to real-world problems	3	100.0%	0.0%	0.0%	0.0%	4.00
Collect and analyze data to verify physical principles	3	66.7%	33.3%	0.0%	0.0%	3.67
Undertake upper division Physics coursework at a 4-year college	3	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 Physics Program helped you the most?

- Mechanics helped me in my statics and dynamics engineering courses. Electromagnetism helped me with my engineering circuits class. And thermodynamics, optics and modern physics helped me in my materials science class. I will be using more mechanics because I'm civil engineering and I have to know mechanics well, so this program really helped me to understand mechanics.
- xxxx is the best physics professor on campus. xxxx is a very hard professor but I learned so much from xxxx. The problem solving techniques and analysis I gained from xxxx not only helped me in other Physics courses but also in all engineering and math courses.

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

- So far nothing. Physics 250, 260, 270 is a hard set of classes in the first place, sometimes it's hard to understand the topics but if you're willing to work hard, you can understand the concepts. So, I wouldn't change much, just let students know what they're getting into. The prerequisite checking is probably a good idea.

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



Transfer - IGETC/CSU GE	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Apply the Laws of Physics to real-world problems	2	0.0%	100.0%	0.0%	0.0%	3.00
Collect and analyze data to verify physical principles	2	50.0%	50.0%	0.0%	0.0%	3.50
Undertake upper division Physics coursework at a 4-year college	2	50.0%	50.0%	0.0%	0.0%	3.50

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 Physics: Transfer - IGETC/CSU GE Program helped you the most?

- The pace the teachers set for learning was perfect for me to understand the material thoroughly.
- The teacher was extremely helpful. xxxx helped me to understand the laws of physics in a clear and concise way. I had to apply calculus to physics which helped me to understand it better.

What particular element of CSM's Physics: Transfer - IGETC/CSU GE could be changed or added to help you?

- Not much at all. Physics is physics, and it was the hardest set of courses I've ever taken at CSM.

Assessment of Program Student Learning Objectives (SLOs)
SLO Survey of Degree Applicants
Real Estate AA Degree, Summer 2012 – Spring 2013



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Meet the requirements to sit for the California Real Estate License Exam	4	75.0%	25.0%	0.0%	0.0%	3.75
Define the role and responsibilities of a real estate agent in California	4	75.0%	25.0%	0.0%	0.0%	3.75
Critically analyze how real estate is acquired, held, used, regulated, taxed, and transferred	4	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.

Narrative Comments

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

- xxxxs' "Real Estate Law" was extremely helpful and interesting.
- The first-hand knowledge shared by the professor's was invaluable. They express more information about what to expect and how to respond to the current real estate environment than any text book or online course could.
- The professors were wonderful. I learned a tremendous amount of vital information from each and every professor. They gave hands-on insight, which is so much better than online or book knowledge. I had coworkers, family and friends relaying questions to the professors (in every class). This was the best program.

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

- Add more classes each semester.
- I think that the areas of investment and finance could be improved a little.
- More variety of classes available. I had to wait for semesters to take specific required classes.

Assessment of Program Student Learning Objectives (SLOs)
SLO Survey of Degree Applicants
Sociology AA-T Degree, Summer 2012 – Spring 2013



	# of Respondents	Agree Strongly	Agree	Disagree	Disagree Strongly	Mean Score
Apply critical thinking skills to examination of social institutions	8	50.0%	50.0%	0.0%	0.0%	3.50
Distinguish the different sociological approaches (e.g., conflict theory, symbolic interactionism, functionalism, and post modernism) and their explanation of society	8	50.0%	50.0%	0.0%	0.0%	3.50
Evaluate US and global level social stratification and social inequality	8	25.0%	75.0%	0.0%	0.0%	3.25
Identify major methodological approaches to social research	8	50.0%	50.0%	0.0%	0.0%	3.50

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 Sociology: Transfer - CSU GE/IGETC Program helped you the most?

- Good Teachers
- I appreciate the dedication that the Sociology professors have to effectively relate sociological approaches and theory to real life application and methodology. It was very helpful to have professors that could aid me in making connections to the real world.
- N/A

What particular element of CSM's Sociology: Transfer - CSU GE/IGETC could be changed or added to help you?

- I did not realize that there was a Sociology program at CSM-- Although I have taken every Sociology class available on campus because those classes were necessary for my successful transfer to a CSU, it does not feel like a "program" to me but rather just an assortment of classes needed to transfer. Perhaps more guidance from mentors or an actual system could be more beneficial and make this feel more like a "program", rather than just the necessary classes needed to transfer. Also: I feel that some of the professors and materials are slightly antiquated in their ideology and methodology.
- More emphasis on the media's effect on our daily lives.
- N/A