

Spring 2020 Student Survey

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Results

Demographics

Overall, 314 female and 582 male students responded to the survey. As can be seen in Figure 1, a high number of international and Asian American students responded to the survey. Also, approximately 1/3 of all students responding were first generation students: 313 students were

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There were good responses from students from all departments in the College. Overall, over 900

I now live in another country. If you wish to indicate the country, please do so here	21	2.4%
Decline to state	11	1.3%
Other	5	0.6%
Total	867	

Most students are going to continue to live in the San Francisco Bay Area in Fall 2020 if San Jose State continues with 100% online classes. Of the students who live in another country, the following countries were indicated: India, Kuwait, Thailand, China, Taiwan, Vietnam, Malaysia, Australia, and the UAE.

Figure 6. Student Responses to the Question: If San Jose State continues with 100% online classes in Fall 2020, where do you think you will live?

Responses

The Student reported feeling worse or much worse in a several areas including time management (58.6%), Ability to socialize with fellow students (86.1%), Ability to socialize with friends (77.7%), and their overall psychological well-being (65.3%). This finding is troubling since it indicates the mental wellbeing of the students.

Figure 8. Student responses to this question: Relative to your life before and after COVID 19, how would you rank your current...

We followed this question with more directed questions about student stress. 79% of students reported either a moderate or a great deal of stress related to the shelter in place (see Figure 9). This is a very high number of students. Faculty need to take this into account when working with students in the fall 2020 classes. According to Sahu (2020), "The COVID-19 outbreak has disrupted the lives of many people across the world. The worldwide rapid increase of infected cases has created a sense of uncertainty and anxiety about the future." (Sahu, 2020, p. 1)

Figure 9. Student responses to Question: Overall, how much stress are you feeling about the consequences of COVID 19?


We gave students the option of giving more details about the stress they were feeling. We included an open-ended question here. Please help us understand the diversity of experiences by sharing any further information on your quality of life here. Faculty sometimes underestimate the amount of stress that students felt during the shelter in place. Some specific responses to this question are shown below. All the student responses are in the attached file.

“When the Shelter-In-Place orders came into effect, I felt a great deal of fear and helplessness. During the first few weeks of sheltering in place, my body physically ached from the anxiety and it was a struggle to get through the day.”

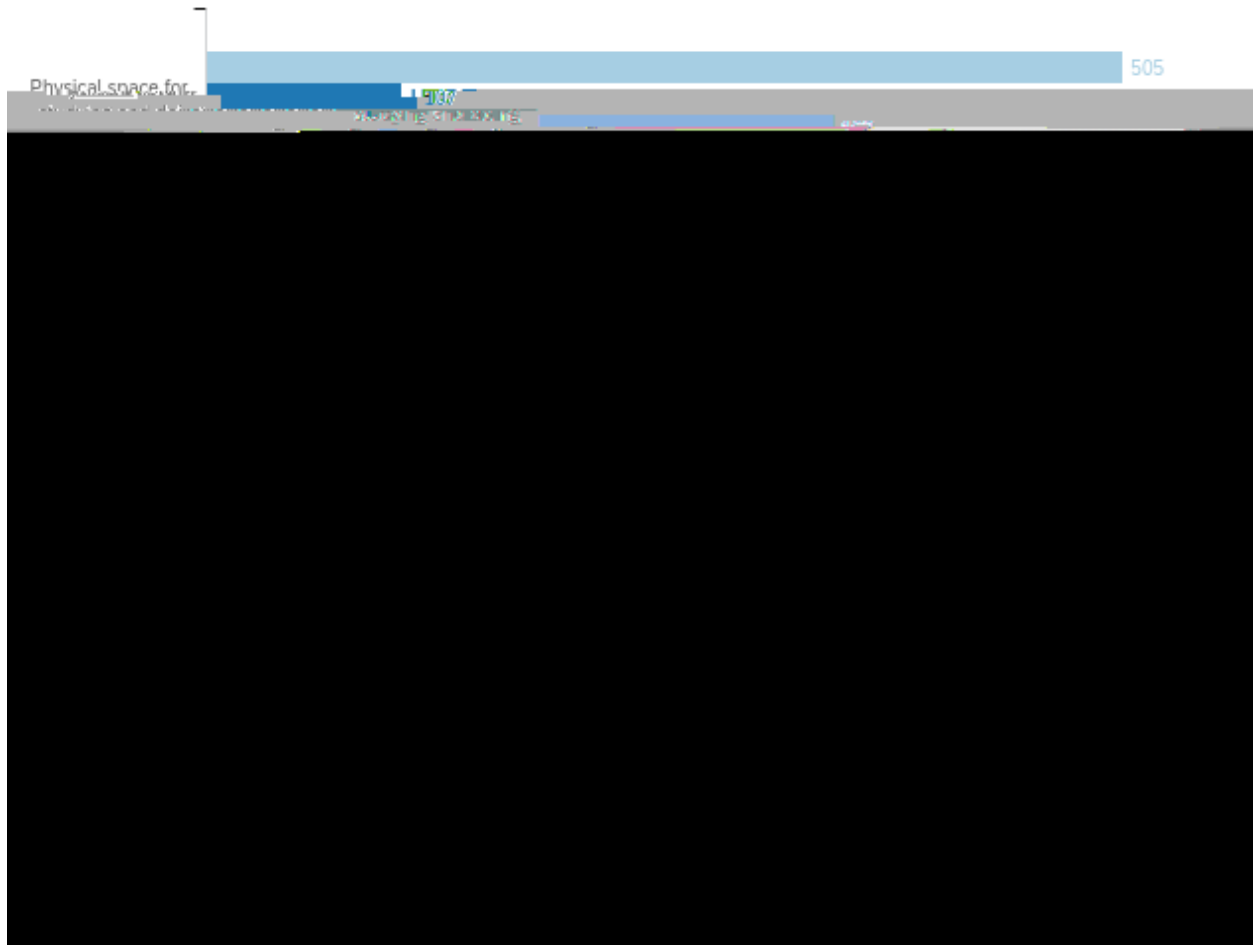
In the next question, we specifically targeted six areas that might have been impacted by COVID
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studying, looking for an internship, and facing economic hardship with ~~lot~~ of international students like me. As there are no flights to our home country, we have to stay in the bay area paying almost ~~the~~ same rent as before having no source of income.”

“I'm an international student and now I have graduated. I cannot work in the US due to visa restrictions until I get a ~~full~~ time job related to my major. Moreover, every other day I get rejected from the ~~company~~ telling me that they need only Green Card or Citizens or they don't sponsor F1 visa (international student).”

Your longer term plans	143	18.3%	297	38.1%	289	37.1%	34	4.4%		2.2%	780
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SJSU Engineering students had



Students also mentioned the need for engineering-specific software like MATLAB and SolidWorks and software that is available for both Windows and Mac computers. Students were split on whether they witnessed more academic dishonesty online. 265 somewhat to strongly disagreed, 262 were neutral, and 237 somewhat to strongly agreed that there was more academic dishonesty due to exams being offered online after the shelter-in-place.

Students reported that they needed more time to study after the move online in March 2020. 43% of students reported they needed more time and an additional 25% reported they sometimes needed more time (see Figure 15).

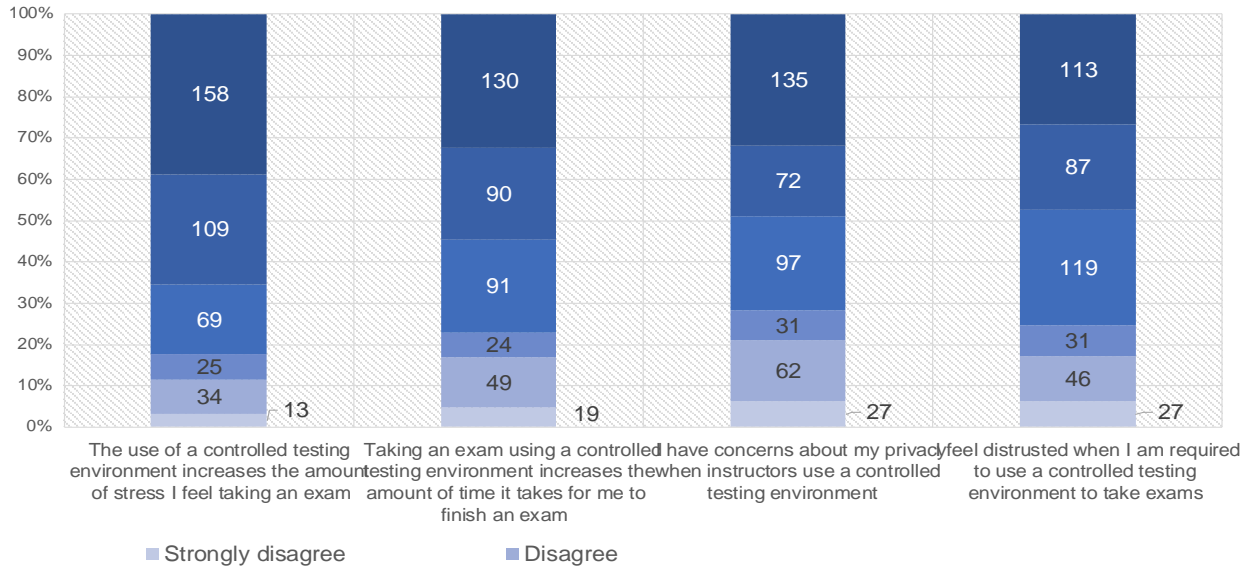
Figure 15. Student responses to the Question: Since the move to online instruction in March 2020, have you spent more time studying the required material in your courses?

(4) use Canvas and Zoom more effectively. This item relates to better online teaching methods as well. The students felt that some instructors were not utilizing these tools effectively. For

students felt that faculty were very helpful (37.4%) or somewhat helpful (45.5%) when students met with them online after the shelter in place.

The last question we asked was the overall level of student satisfaction with the quality of their faculty

Figure 18.



Lab Classes

The last questions asked students about their experiences in lab classes after the shelter in place. 260 students reported having any lab classes in Spring 2020: 143 students had one lab class, 68 students had two lab classes, and 49 students had three or more lab classes. As can be seen in Figure 20, students felt that their instructors did a good job with the lab assignments even after the move to 100% online.

Figure 20. Student responses to the Question: Consider your most successful (unexpected) online engineering laboratory class in Spring 2020 to answer this question. How satisfied are you with the following since March 2020? If you only took one lab class, you should answer this question based on this class.