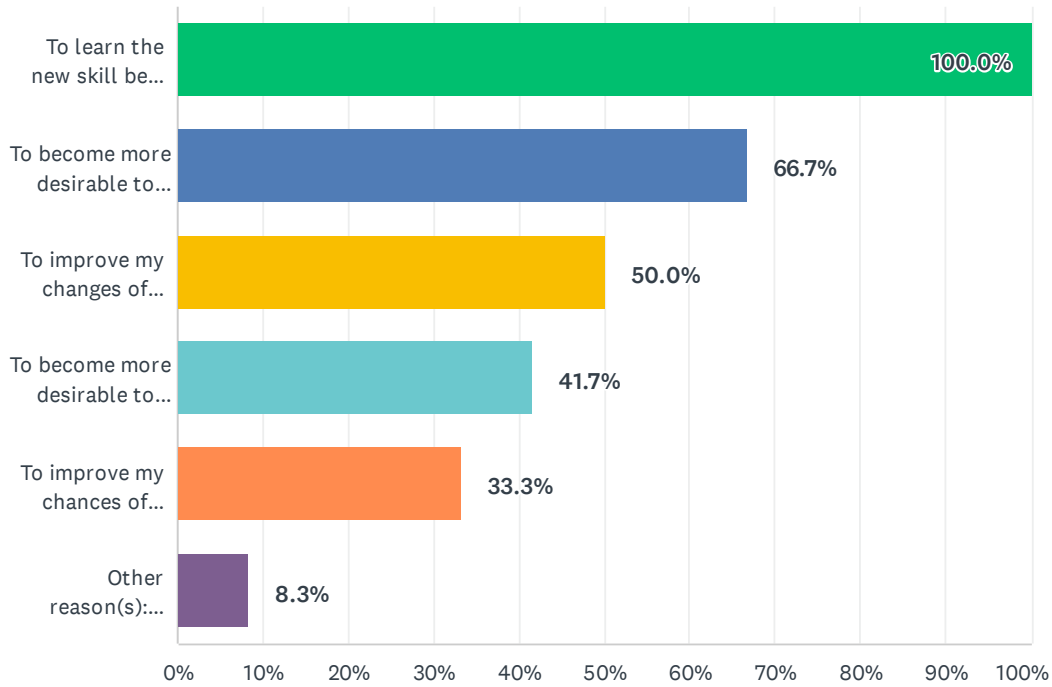


Q1 Why were you originally interested in attending these workshops? [Select all that apply]

Answered: 12 Skipped: 0



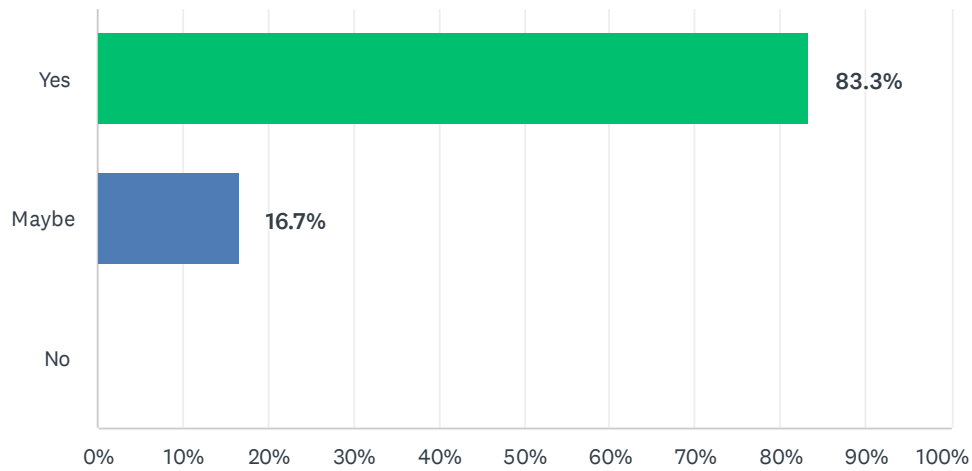
ANSWER CHOICES	RESPONSES	
To learn the new skill being taught	100.0%	12
To become more desirable to potential employers	66.7%	8
To improve my chances of getting an internship	50.0%	6
To become more desirable to universities	41.7%	5
To improve my chances of getting a scholarship	33.3%	4
Other reason(s): (please describe)	8.3%	1
Total Respondents: 12		

#	OTHER REASON(S): (PLEASE DESCRIBE)	DATE
1	Honors credit	12/6/2022 10:18 AM

Q2 If these workshops were offered as one-unit courses, would you take the course or recommend it to another student?

Answered: 12 Skipped: 0

Fall 2022 Engineering Workshops Survey | Mesa College



ANSWER CHOICES	RESPONSES
Yes	83.3% 10
Maybe	16.7% 2
No	0.0% 0
TOTAL	12

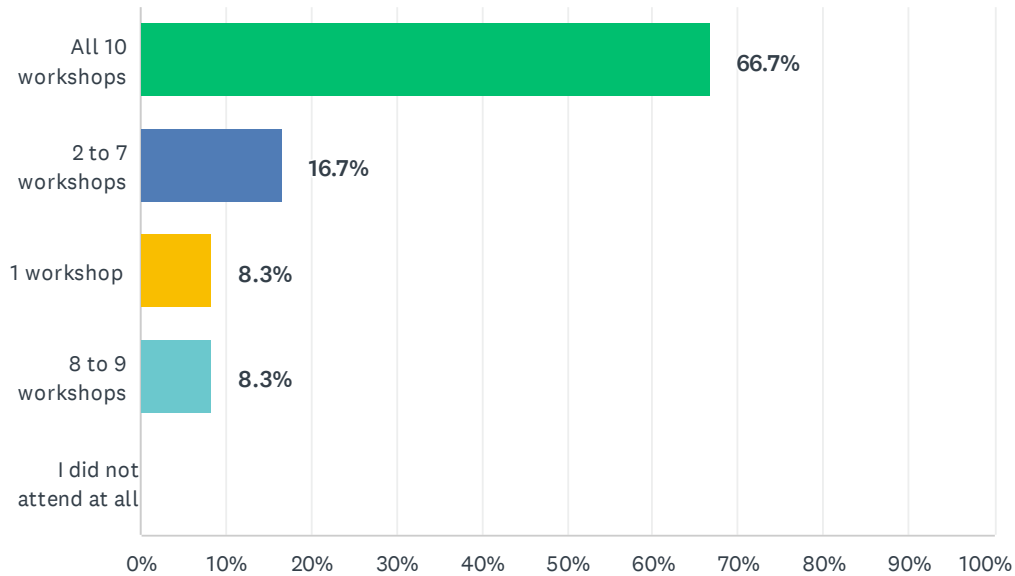
Q3 Briefly explain your decision to the question above:

Answered: 8 Skipped: 4

#	RESPONSES	DATE
1	I think the workshop was a great way to get an idea of the subject, but I don't it was enough to feel confident in the subject.	12/6/2022 12:51 PM
2	It wouldn't be eligible for transfer (because it's less than 3 units and has no equivalent courses). If it was a sister course to some other STEM courses and taking both together provided honors credit for the parent course, then yes.	12/6/2022 10:18 AM
3	I had fun and learned a lot	11/30/2022 9:53 PM
4	because I learned many new things from this workshop	11/28/2022 5:20 PM
5	This Engineering Workshop has taught me doing 3D designs on the computer and also have fun playing with the designs.	11/28/2022 3:58 PM
6	The Workshops were both very enjoyable and helpful	11/28/2022 3:38 PM
7	I would want to learn the skill weather its a course or a workshop	11/28/2022 9:21 AM
8	Regardless of the credit or not, it still is valuable in terms of gaining knowledge and 'how to' on a subject matter.	11/28/2022 9:18 AM

Q4 How many Engineering workshops did you attend or plan to attend?

Answered: 12 Skipped: 0



ANSWER CHOICES	RESPONSES	
All 10 workshops	66.7%	8
2 to 7 workshops	16.7%	2
1 workshop	8.3%	1
8 to 9 workshops	8.3%	1
I did not attend at all	0.0%	0
TOTAL		12

Q5 Why did you decide not to attend any workshops?

Answered: 0 Skipped: 12

#	RESPONSES	DATE
	There are no responses.	

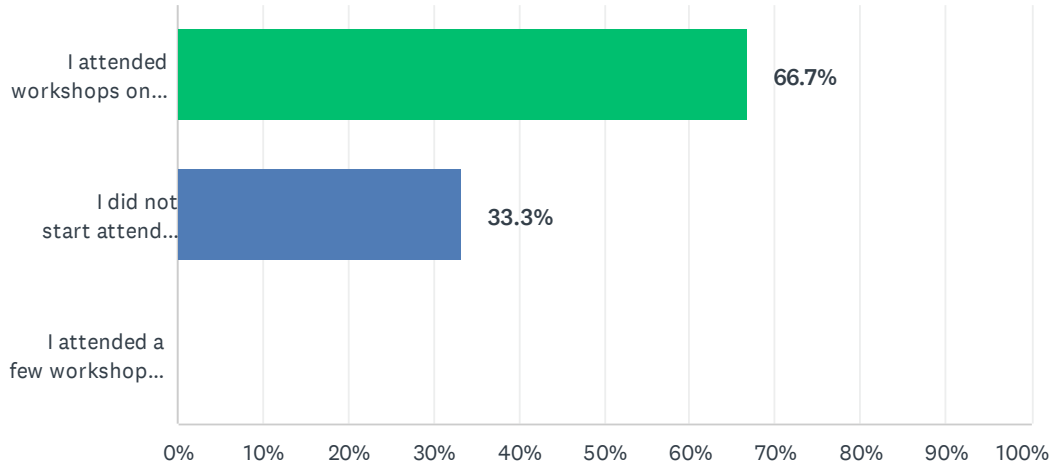
Q6 Please explain why you only attended once.

Answered: 0 Skipped: 12

#	RESPONSES	DATE
	There are no responses.	

Q7 Please select the option that best reflects your experience attending the Fall 2022 Engineering workshops:

Answered: 3 Skipped: 9



ANSWER CHOICES	RESPONSES	
I attended workshops on and off.	66.7%	2
I did not start attending the workshops from the beginning, but then attended the rest (or most).	33.3%	1
I attended a few workshops in a row and then stopped attending.	0.0%	0
TOTAL		3

Q8 Please explain why you attended workshops on and off.

Answered: 2 Skipped: 10

#	RESPONSES	DATE
1	I want to learn more	12/6/2022 10:28 AM
2	I missed two workshops due to time conflicts with a required course. The workshop time conflicted with the two required in person meetings for my EDUC 100 class, scheduled for: "Friday Sep 30th and Fri Oct 14 from 8am-12:30pm in the LRC room 222." I had another required Friday class at the exact times of the original workshop, but thankfully the second earlier workshop was created so I only had to miss two.	12/6/2022 10:23 AM

Q9 Please explain why you stopped attending after completing a few workshops?

Answered: 0 Skipped: 12

#	RESPONSES	DATE
	There are no responses.	

Q10 Please explain why you did not attend from the beginning, but then completed the rest (or most).

Answered: 1 Skipped: 11

#	RESPONSES	DATE
1	I attended all from start to finish but that option was not listed	11/28/2022 9:22 AM

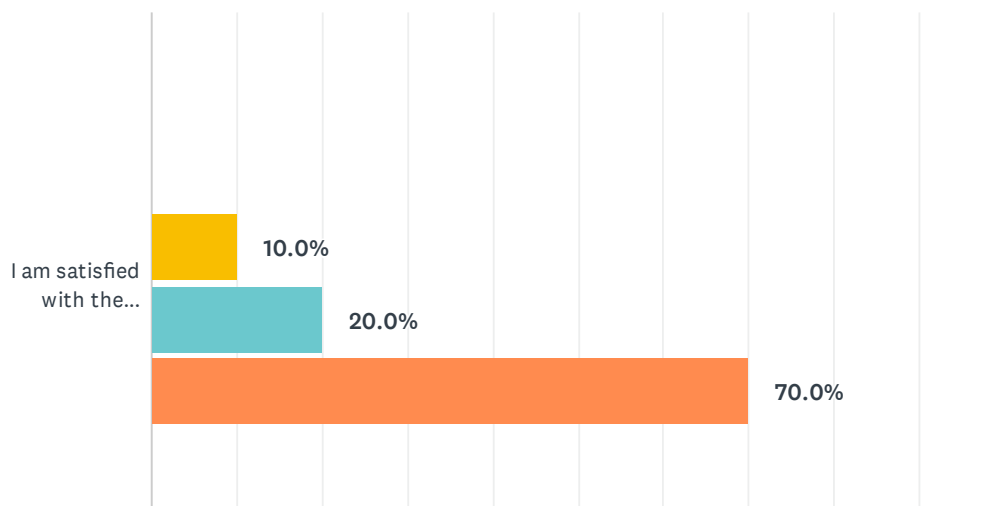
Q11 What motivated you to attend all 10 workshops?

Answered: 7 Skipped: 5

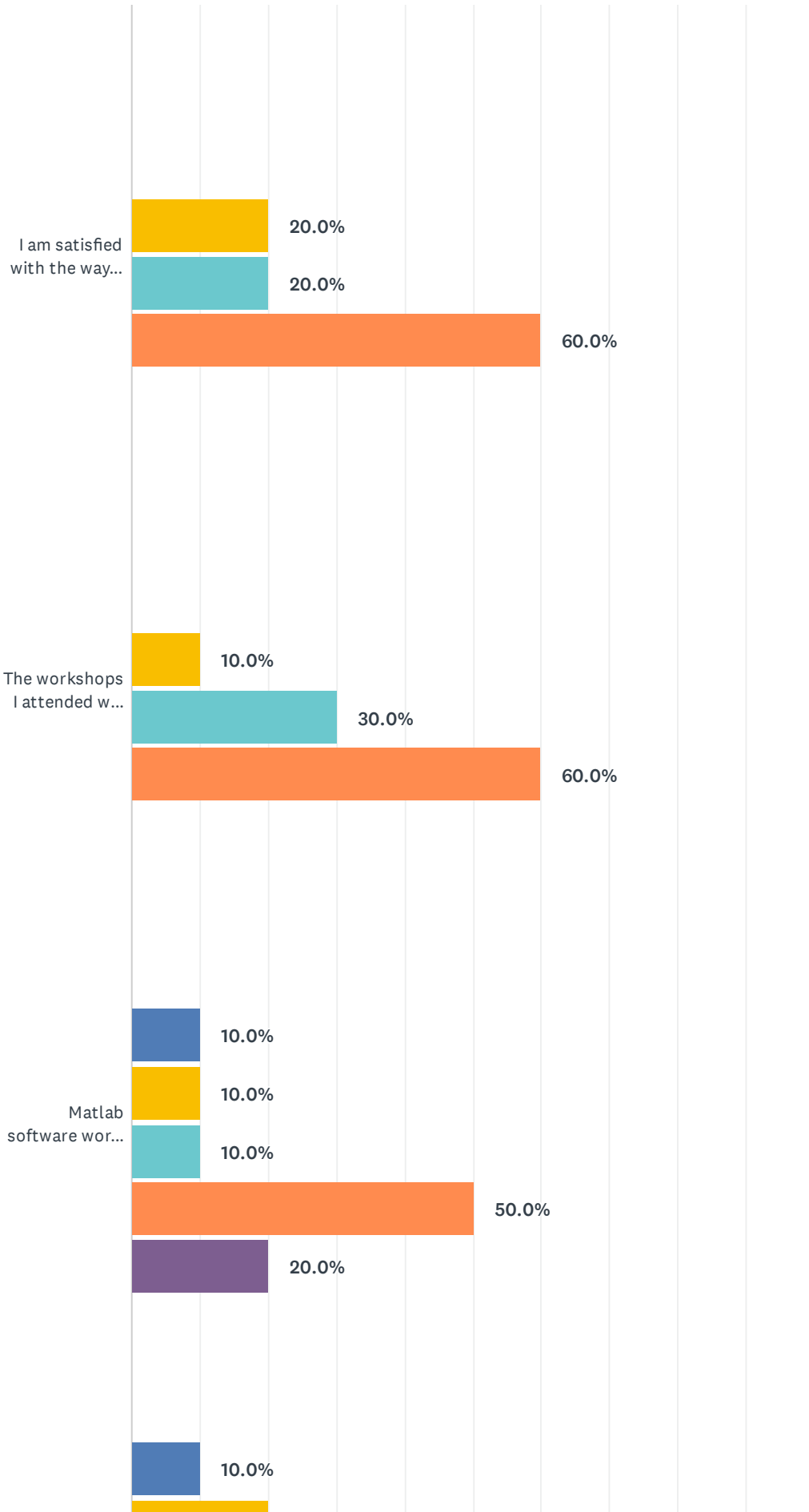
#	RESPONSES	DATE
1	I wanted to learn more about the engineering softwares that are used in workplaces.	12/6/2022 1:08 PM
2	My major	12/2/2022 9:13 AM
3	Honestly, extra credit was a big motivator. Also, ANSYS is genuinely very cool. So much you can do with that software.	11/30/2022 9:54 PM
4	Each class has something new, so I attended all of them	11/28/2022 5:23 PM
5	Since this Friday will be my last Engineering workshop attending it will count as my tenth workshop. What motivates me attending to all these workshops is to learn how to make 3D designs and to make my skills to succeed on not just to do great but to work hard on these entire workshops.	11/28/2022 4:01 PM
6	I enjoy working with ansys and I feel like the skills and experience I will and have gotten get will be very valuable	11/28/2022 3:39 PM
7	Getting 10% EC in ENGE 210, driving to the college(I like to drive) and in general getting to learn how to do stuff on a really powerful software(Ansys).	11/28/2022 9:24 AM

Q12 Rate your agreement with the statements below:

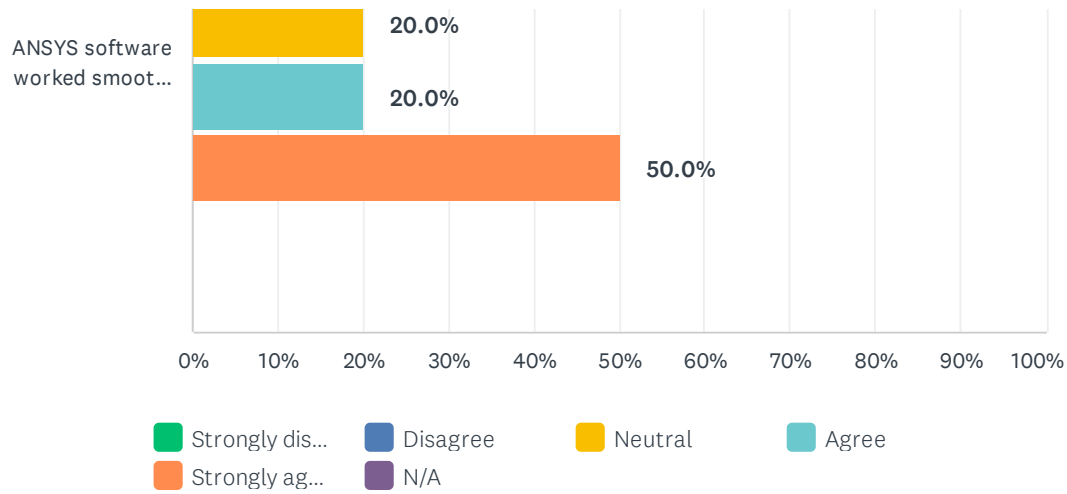
Answered: 10 Skipped: 2



Fall 2022 Engineering Workshops Survey | Mesa College



Fall 2022 Engineering Workshops Survey | Mesa College



	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE	N/A	TOTAL	WEIGHTED AVERAGE
I am satisfied with the content learned by participating in the workshops.	0.0% 0	0.0% 0	10.0% 1	20.0% 2	70.0% 7	0.0% 0	10	4.60
I am satisfied with the way the content was taught in the workshops.	0.0% 0	0.0% 0	20.0% 2	20.0% 2	60.0% 6	0.0% 0	10	4.40
The workshops I attended were engaging.	0.0% 0	0.0% 0	10.0% 1	30.0% 3	60.0% 6	0.0% 0	10	4.50
Matlab software worked smoothly in my computer.	0.0% 0	10.0% 1	10.0% 1	10.0% 1	50.0% 5	20.0% 2	10	4.25
ANSYS software worked smoothly in my computer.	0.0% 0	10.0% 1	20.0% 2	20.0% 2	50.0% 5	0.0% 0	10	4.10

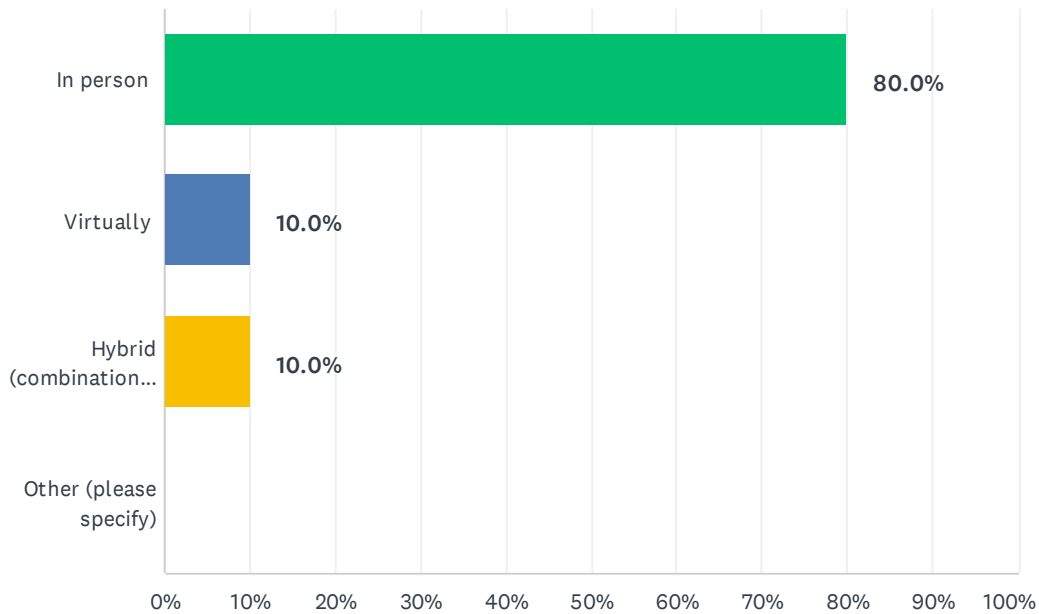
Q13 If you would like to share additional comments about your satisfaction or engagement with the workshops or the software used, please enter them here:

Answered: 4 Skipped: 8

#	RESPONSES	DATE
1	Very fun I have new friend and a lot of people study with me	12/6/2022 10:29 AM
2	I love these workshops, one of my favorite parts of Mesa. Both this workshop and the Mechatronics workshop covered subjects I wanted to learn but didn't know where to start. They also taught me skills that are highly sought after in my field, and Dr. Hamid's resources and instruction were great!	12/6/2022 10:28 AM
3	I like to attend this workshop because it help me a lot with learning new stuff and also to communicate with other colleagues.	11/28/2022 4:03 PM
4	Hamid is a great teacher, and I enjoy both the workshops I have with him, along with my ENGE 116 class	11/28/2022 3:41 PM

Q14 What is the ideal format to offer these workshops?

Answered: 10 Skipped: 2

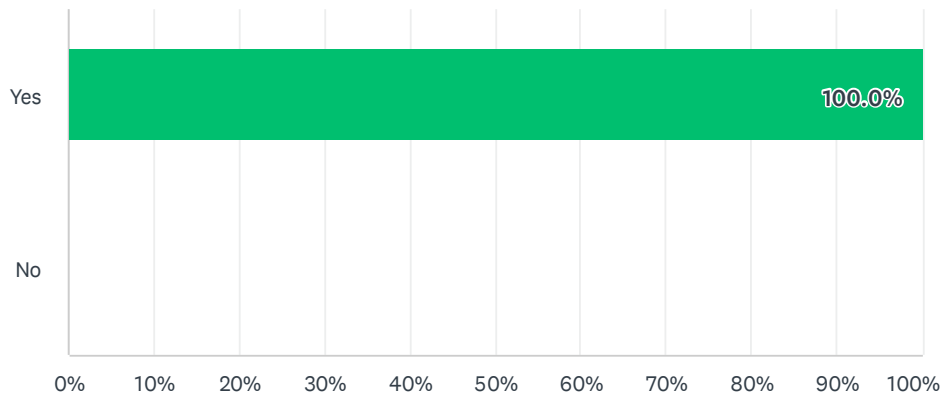


ANSWER CHOICES	RESPONSES	
In person	80.0%	8
Virtually	10.0%	1
Hybrid (combination of online and in person)	10.0%	1
Other (please specify)	0.0%	0
TOTAL		10

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q15 Did you find the Canvas shell helpful? If so, how?

Answered: 10 Skipped: 2

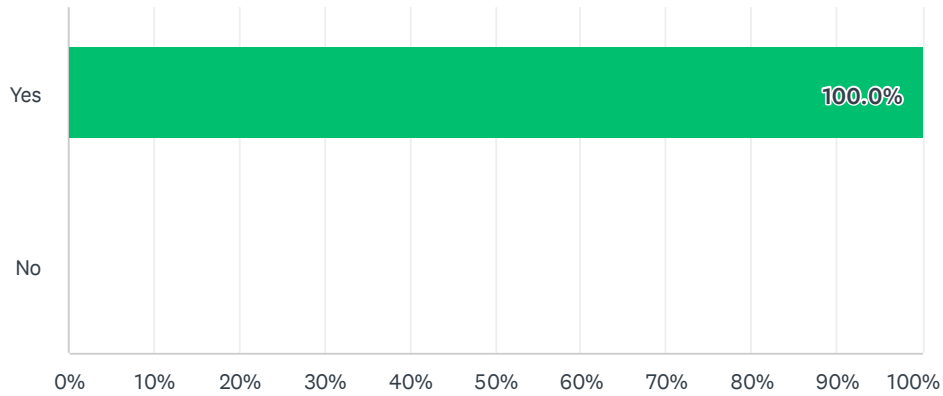


ANSWER CHOICES	RESPONSES	
Yes	100.0%	10
No	0.0%	0
TOTAL		10

#	YES	DATE
1	It gave information for the topics we were going to learn about.	12/6/2022 1:11 PM
2	Provides a permanent link so I can view previous workshops from the same convenient place as previous classes. Places links and schedule in the same place as all my other mesa courses.	12/6/2022 10:31 AM
3	Yes	12/6/2022 10:29 AM
4	All the sources was there.	12/2/2022 9:32 AM
5	To locate the class resources	11/30/2022 9:55 PM
6	Easily find the link to my assignments	11/28/2022 5:26 PM
7	It help me understood on good advantages.	11/28/2022 4:04 PM
8	The material was also posted to canvas so we could access it even if we weren't at school	11/28/2022 3:41 PM
9	Everything is pretty straightforward on there, don't have to 'look around' for stuff.	11/28/2022 9:25 AM
10	good to have the material to access whenever to revisit or what not	11/28/2022 9:23 AM

Q16 Is/would receiving a participation or attendance certificate valuable to your career path? If so, how?Note: Students who completed at least eight workshops received a certificate.

Answered: 10 Skipped: 2



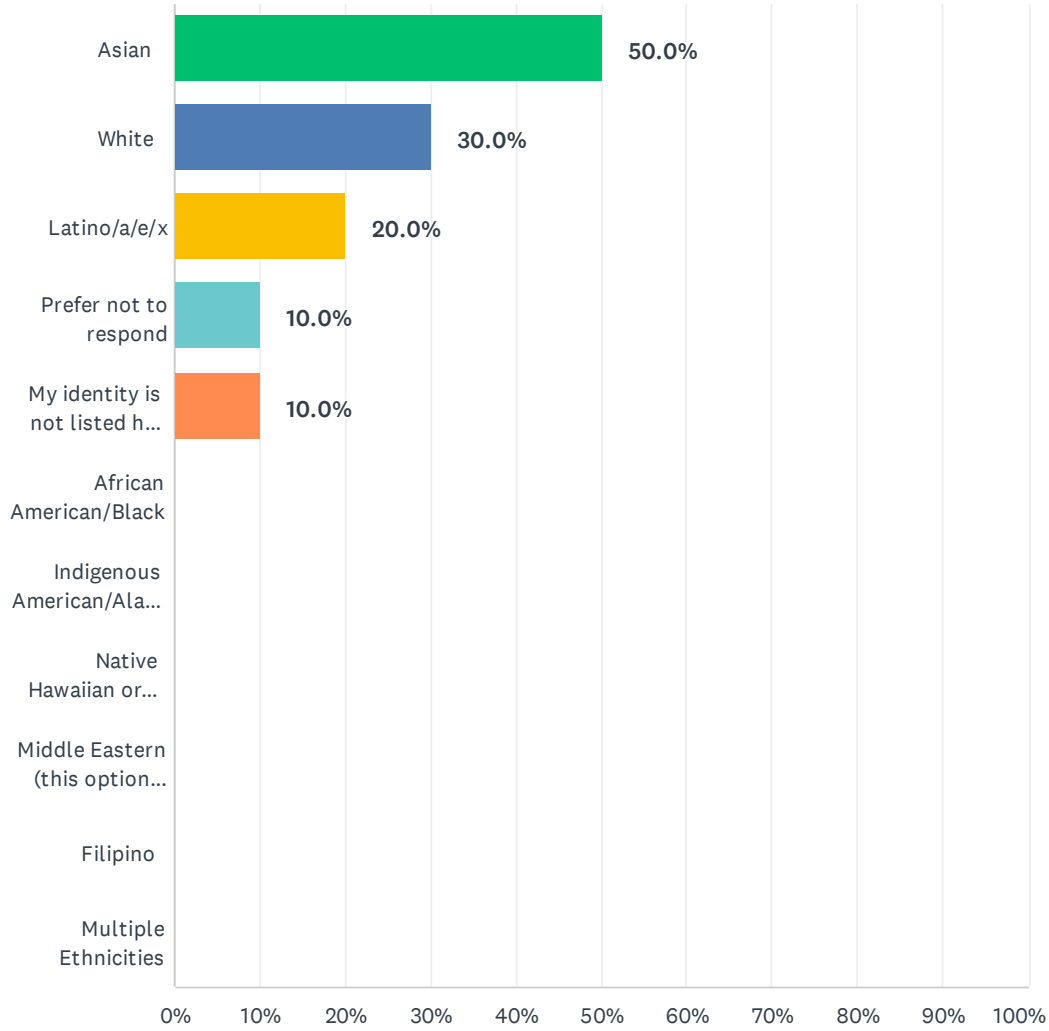
ANSWER CHOICES	RESPONSES	
Yes	100.0%	10
No	0.0%	0
TOTAL		10

#	YES	DATE
1	Yes it would show the colleges I'm trying to apply to that I am dedicated to learning engineering.	12/6/2022 1:13 PM
2	I think having the skills is very valuable, but I'm not sure how important the certificate itself will be. (I'm not entirely sure because I am still very early in my career path)	12/6/2022 10:35 AM
3	I know	12/6/2022 10:31 AM
4	My major is civil engineering.	12/2/2022 9:33 AM
5	Yes, great item to enhance my resume.	11/30/2022 9:56 PM
6	because there are many companies that need this certification.	11/28/2022 5:27 PM
7	It will let other workers know that I was attending good engineering workshops.	11/28/2022 4:07 PM
8	I am studying to become a mechanical engineering, and this will help show that I know how to use the software, which is important for prototyping	11/28/2022 3:42 PM
9	Probably would be good to put it on my resume	11/28/2022 9:26 AM
10	It will provide more support to me knowing the skill	11/28/2022 9:23 AM

Q17 What is your ethnicity/race? [Check all that apply]

Answered: 10 Skipped: 2

Fall 2022 Engineering Workshops Survey | Mesa College

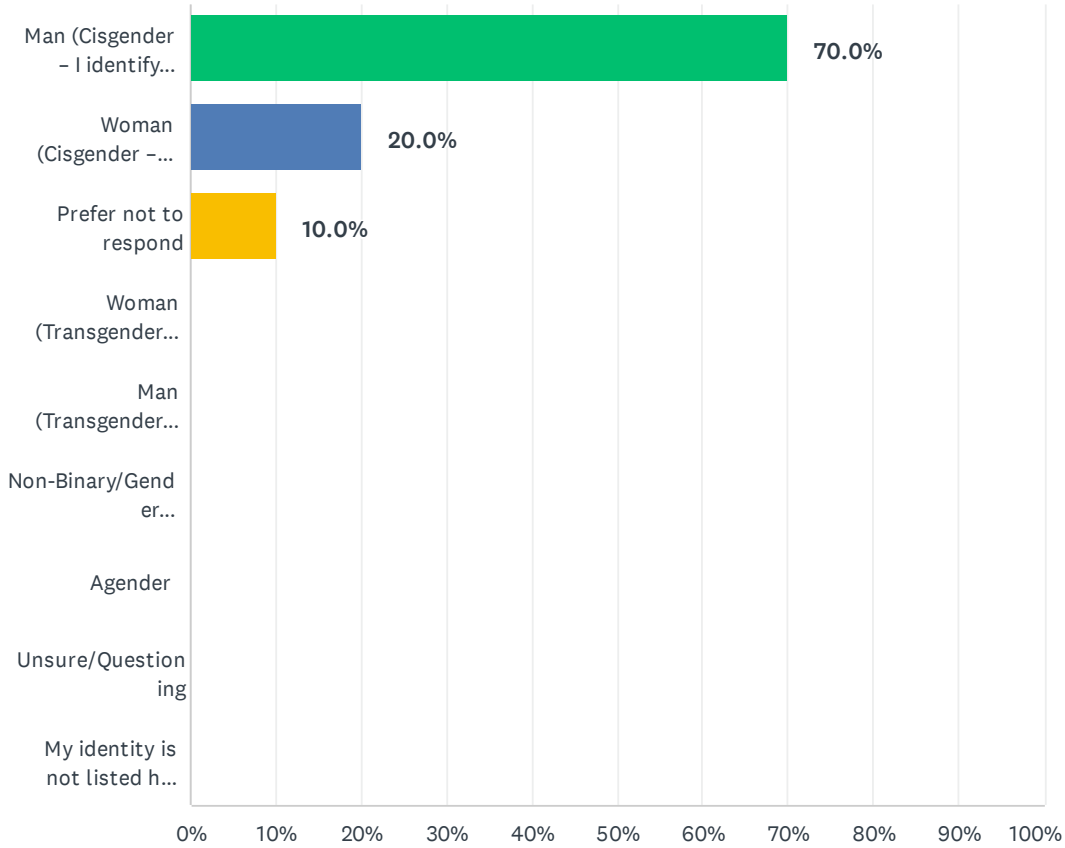


ANSWER CHOICES	RESPONSES	
Asian	50.0%	5
White	30.0%	3
Latino/a/e/x	20.0%	2
Prefer not to respond	10.0%	1
My identity is not listed here – specify below	10.0%	1
African American/Black	0.0%	0
Indigenous American/Alaska Native	0.0%	0
Native Hawaiian or Pacific Islander	0.0%	0
Middle Eastern (this option included in Climate Survey)	0.0%	0
Filipino	0.0%	0
Multiple Ethnicities	0.0%	0
Total Respondents: 10		

#	MY IDENTITY IS NOT LISTED HERE – SPECIFY BELOW	DATE
1	Afghan	12/2/2022 9:34 AM

Q18 What is your gender?

Answered: 10 Skipped: 2



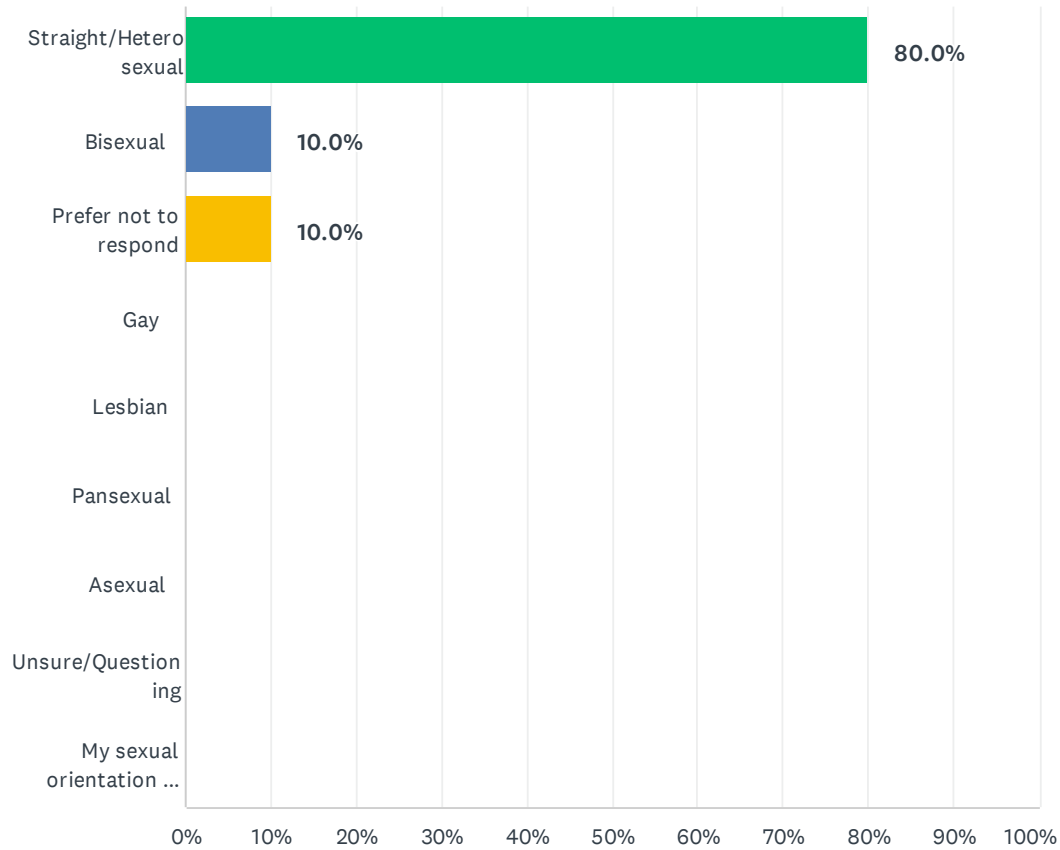
ANSWER CHOICES	RESPONSES	
Man (Cisgender – I identify with the sex I was assigned at birth)	70.0%	7
Woman (Cisgender – I identify with the sex I was assigned at birth)	20.0%	2
Prefer not to respond	10.0%	1
Woman (Transgender – I do not identify with the sex I was assigned at birth)	0.0%	0
Man (Transgender – I do not identify with the sex I was assigned at birth)	0.0%	0
Non-Binary/Gender Non-conforming/Gender Fluid	0.0%	0
Agender	0.0%	0
Unsure/Questioning	0.0%	0
My identity is not listed here – specify below	0.0%	0
TOTAL		10

#	MY IDENTITY IS NOT LISTED HERE – SPECIFY BELOW	DATE
---	--	------

There are no responses.

Q19 What is your sexual orientation?

Answered: 10 Skipped: 2



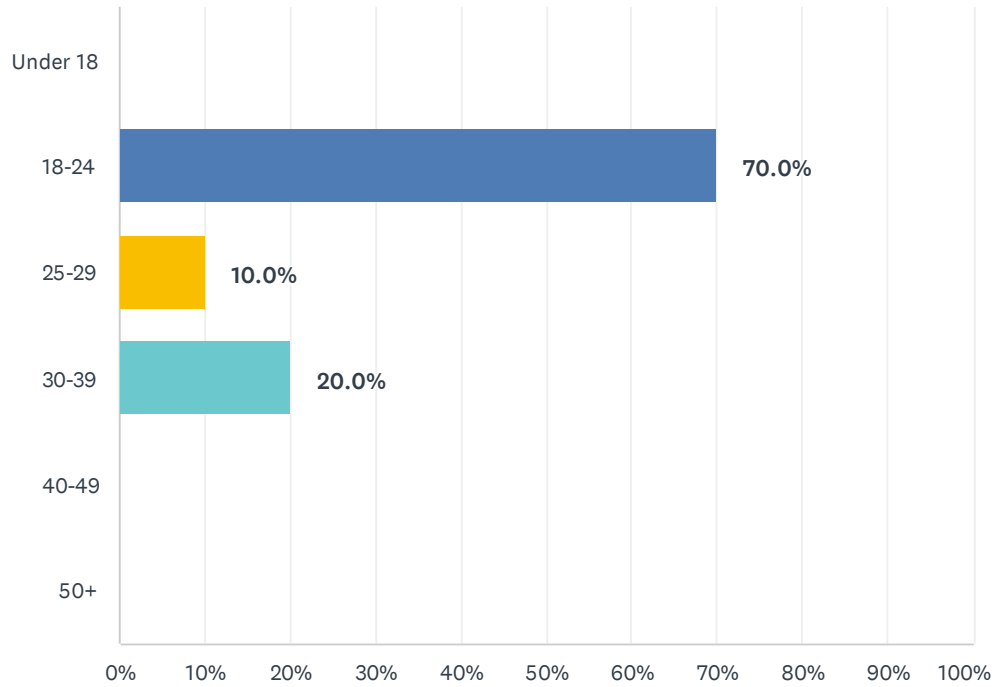
ANSWER CHOICES	RESPONSES	
Straight/Heterosexual	80.0%	8
Bisexual	10.0%	1
Prefer not to respond	10.0%	1
Gay	0.0%	0
Lesbian	0.0%	0
Pansexual	0.0%	0
Asexual	0.0%	0
Unsure/Questioning	0.0%	0
My sexual orientation is not listed here – specify below	0.0%	0
TOTAL		10

#	MY SEXUAL ORIENTATION IS NOT LISTED HERE – SPECIFY BELOW	DATE
---	--	------

There are no responses.

Q20 What is your age group?

Answered: 10 Skipped: 2

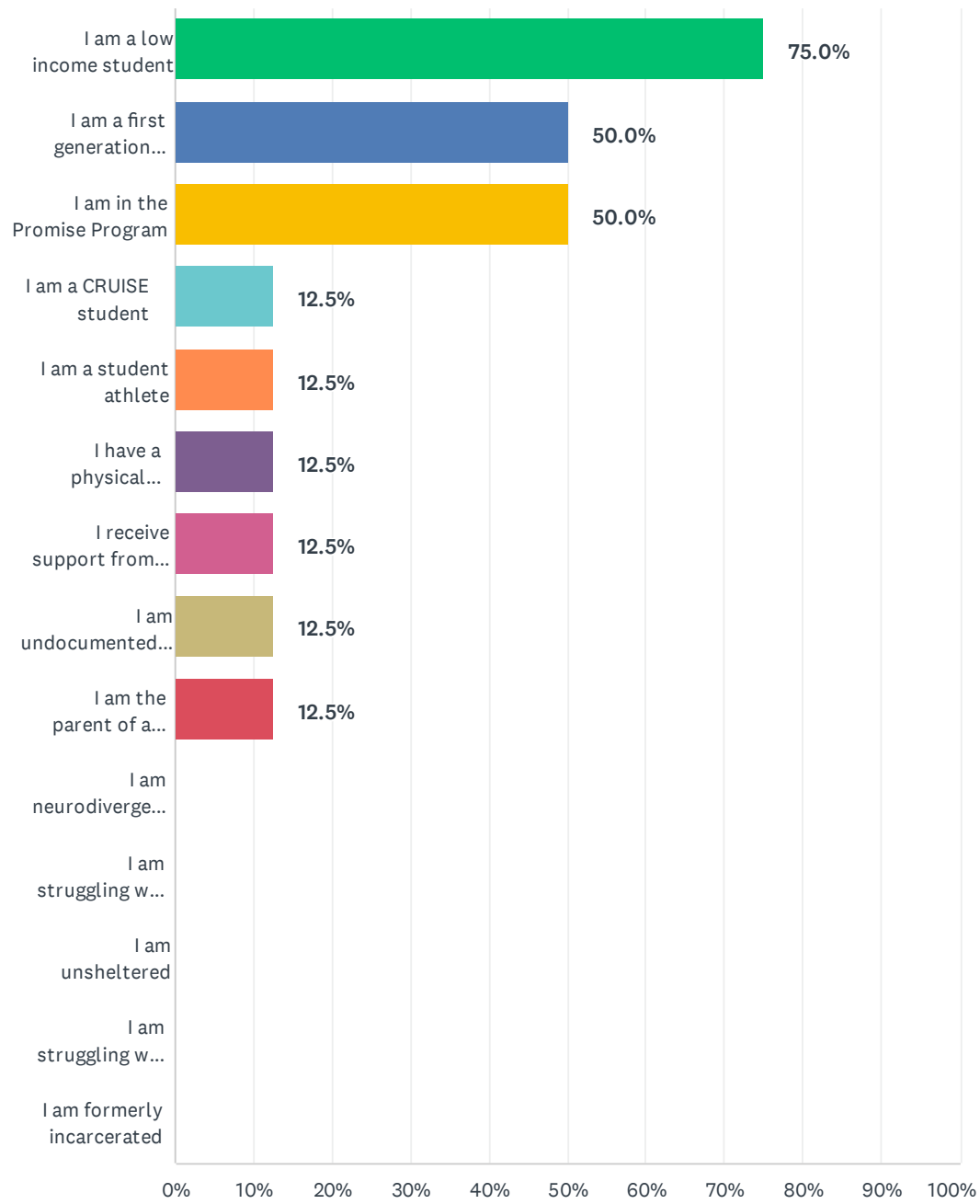


ANSWER CHOICES	RESPONSES
Under 18	0.0% 0
18-24	70.0% 7
25-29	10.0% 1
30-39	20.0% 2
40-49	0.0% 0
50+	0.0% 0
TOTAL	10

Q21 Check any that apply to you:

Answered: 8 Skipped: 4

Fall 2022 Engineering Workshops Survey | Mesa College



ANSWER CHOICES	RESPONSES	
I am a low income student	75.0%	6
I am a first generation student	50.0%	4
I am in the Promise Program	50.0%	4
I am a CRUISE student	12.5%	1
I am a student athlete	12.5%	1
I have a physical disability or chronic illness	12.5%	1
I receive support from DSPS (Disability Support Programs and Services)	12.5%	1
I am undocumented or DACA	12.5%	1
I am the parent of a child under 18 years old	12.5%	1
I am neurodivergent (e.g. ADHD, Autism Spectrum Disorder)	0.0%	0
I am struggling with food insecurity	0.0%	0
I am unsheltered	0.0%	0
I am struggling with housing insecurity	0.0%	0
I am formerly incarcerated	0.0%	0
Total Respondents: 8		

SAN DIEGO MESA COLLEGE

Institutional Effectiveness

Fall 2022 Engineering Workshops Feedback Survey

Purpose:

The Engineering Workshop Participant feedback survey was conducted in the 16th week of Fall 2022 to collect student responses about the Engineering Workshop experience at Mesa College. The feedback survey aims to improve Mesa's services to students nurturing creative and innovative mindsets in pursuing engineering disciplines.

Methodology:

A total of 45 Engineering Workshop participants were invited for a feedback survey from November 28, 2022, through December 7, 2022. Students were also provided a link and a QR code that linked to the survey. One additional reminder email was sent to students to increase the response rate. A total of 12 students responded to the survey, yielding a 27.6% response rate.