



FOOTHILL-DE ANZA  
Community College District

# Board of Trustees Presentation



Foothill College



De Anza College

## 2013 ECAR Survey Results

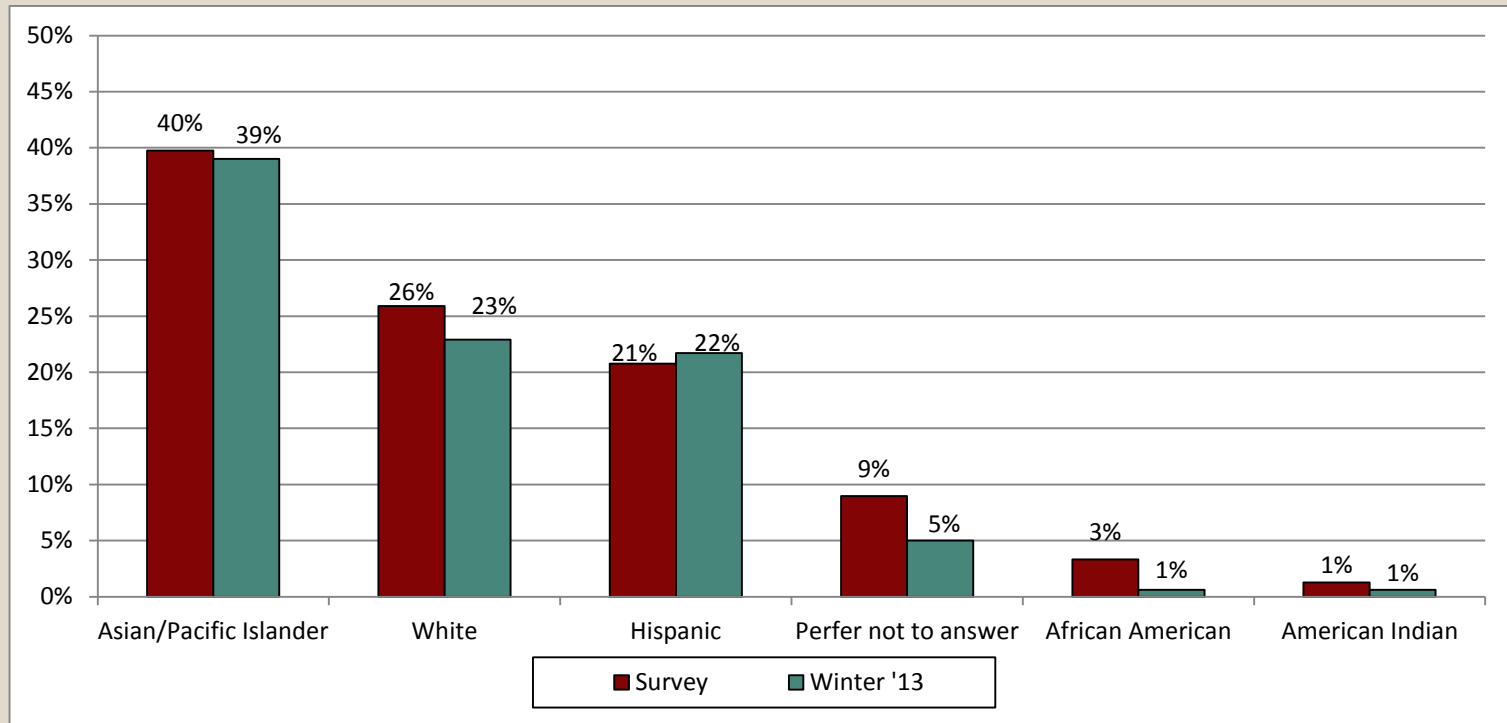
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# Survey administration

- Administered February 2013
- Only includes respondents ages 18 and older
- De Anza:
  - 394 completed surveys out of 7,423 (5%)
- Foothill:
  - 237 completed surveys out of 4,704 (5%)

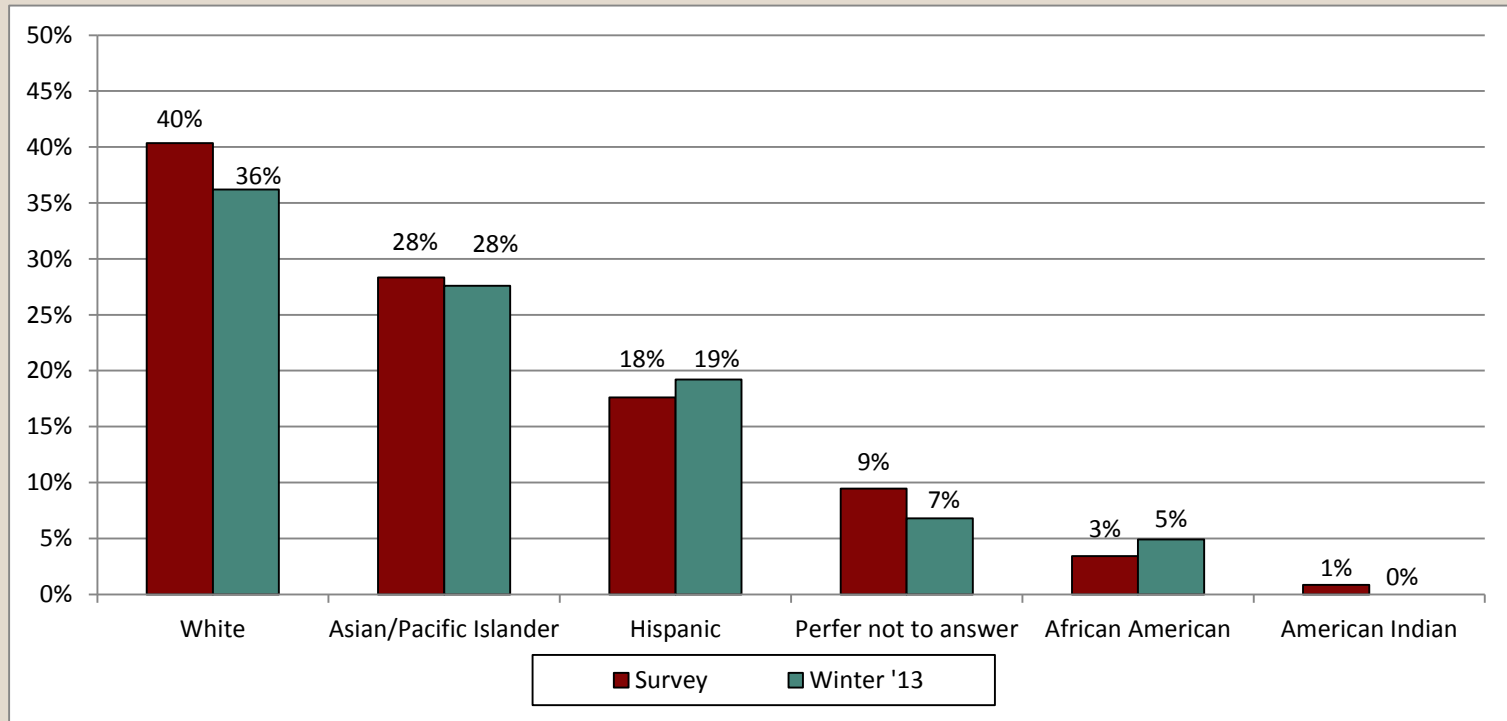
# Survey Respondents by Ethnicity- De Anza



- De Anza survey respondents closely resembled the student population demographics in Winter 2013, with Asians/Pacific Islanders accounting for the largest group at 40%.



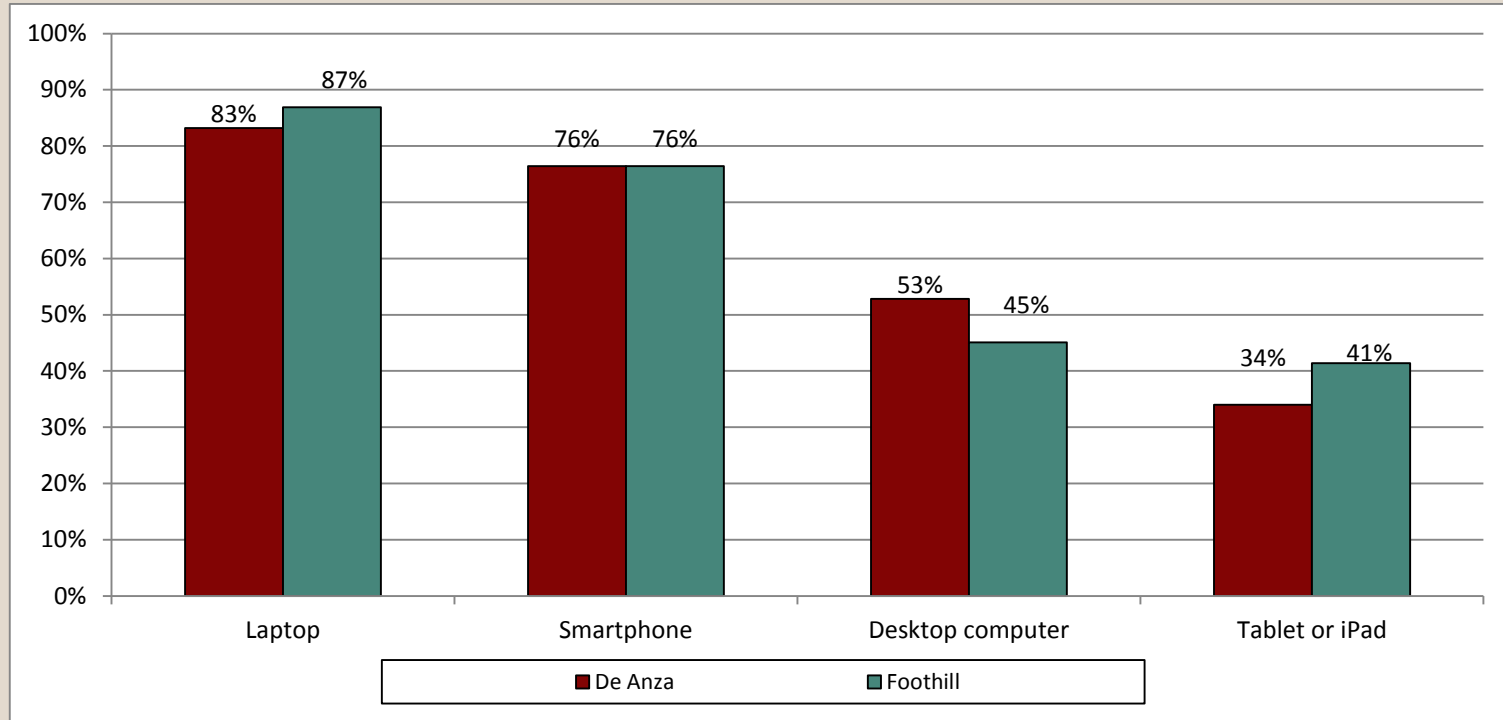
# Survey Respondents by Ethnicity- Foothill



- Foothill survey respondents closely resembled the student population demographics Winter 2013, with Whites representing the largest group around 40%.



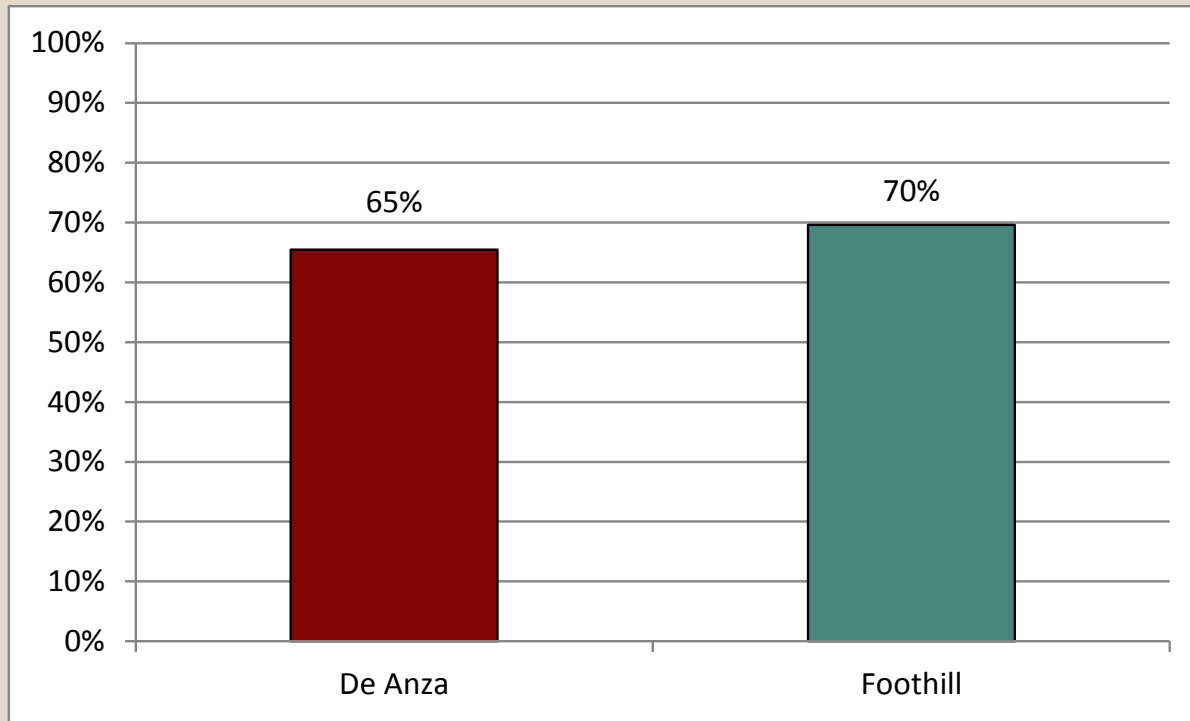
# Student device ownership



-The vast majority of respondents reported owning a laptop or smartphone.



# Student laptop & smartphone ownership



- Roughly two-thirds of respondents at both institutions own both a laptop and smartphone.



# Student device ownership: Ethnicity

De Anza	Laptop		Smartphone		Desktop		Tablet or iPad	
	N	%	N	%	N	%	N	%
Hispanic	61	75%	59	73%	45	56%	22	27%
African American	11	79%	13	93%	5	36%	3	21%
Asian	139	90%	123	79%	84	54%	58	37%
White	83	82%	72	71%	51	50%	33	33%
Other	34	77%	34	77%	23	52%	18	41%

Foothill	Laptop		Smartphone		Desktop		Tablet or iPad	
	N	%	N	%	N	%	N	%
Hispanic	34	83%	30	73%	20	49%	12	29%
African American	7	88%	7	88%	4	50%	4	50%
Asian	60	91%	51	77%	22	33%	29	44%
White	82	87%	72	77%	47	50%	39	41%
Other	23	85%	21	78%	14	52%	14	52%

\*Other includes Native Americans and respondents who did not disclose their ethnicity.

\*Students could select multiple devices in their response.

- Laptops and smartphones are the primary devices owned by respondents across ethnicities.



# Student device ownership: Enrollment

De Anza	Laptop		Smartphone		Desktop		Tablet or iPad	
	N	%	N	%	N	%	N	%
Part time	131	79%	119	72%	90	55%	59	36%
Full time	188	86%	174	80%	112	51%	70	32%

Foothill	Laptop		Smartphone		Desktop		Tablet or iPad	
	N	%	N	%	N	%	N	%
Part time	98	93%	83	79%	48	46%	45	43%
Full time	108	84%	98	76%	58	45%	52	40%

\*Students could select multiple devices in their response.

- While laptops and smartphones are the primary devices owned by both part-time and full-time respondents, a higher percentage of full time students at De Anza own these devices, compared to a higher percentage of part time students at Foothill.





# Student device ownership: Gender

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De Anza	Laptop		Smartphone		Desktop		Tablet or iPad	
	N	%	N	%	N	%	N	%
Male	134	79%	127	75%	103	61%	53	31%
Female	179	88%	159	78%	94	46%	75	37%
Not listed	14	74%	14	74%	10	53%	6	32%

Foothill	Laptop		Smartphone		Desktop		Tablet or iPad	
	N	%	N	%	N	%	N	%
Male	71	81%	61	69%	46	52%	35	40%
Female	125	91%	112	81%	55	40%	57	41%
Not listed	10	91%	8	73%	6	55%	6	55%

\*Students could select multiple devices in their response.

- While laptops and smartphones are the primary devices owned by both male and female respondents, a higher percentage of females own these devices compared to males. However, a higher percentage of males compared to females reported owning a desktop at both institutions.



# Student device ownership: Age

De Anza	Laptop		Smartphone		Desktop		Tablet or iPad	
	N	%	N	%	N	%	N	%
18-24	214	84%	199	78%	134	53%	68	27%
25+	114	82%	102	73%	74	53%	66	47%

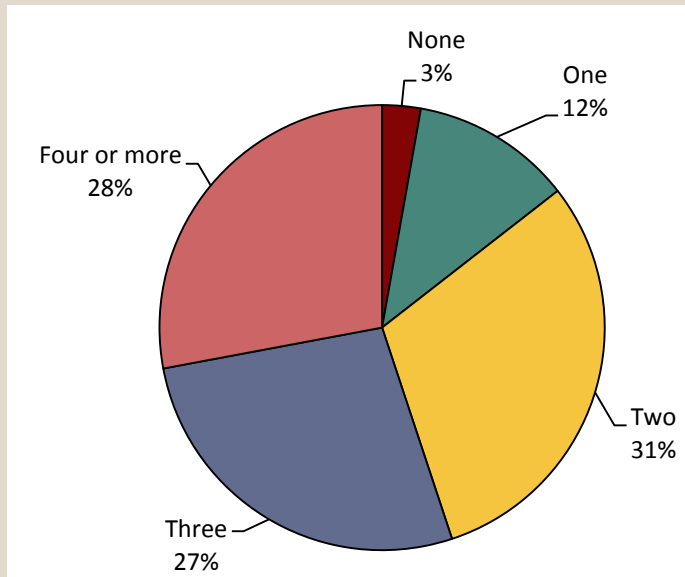
Foothill	Laptop		Smartphone		Desktop		Tablet or iPad	
	N	%	N	%	N	%	N	%
18-24	105	87%	92	76%	51	42%	36	30%
25+	101	87%	89	77%	56	48%	62	53%

\*Students could select multiple devices in their response.

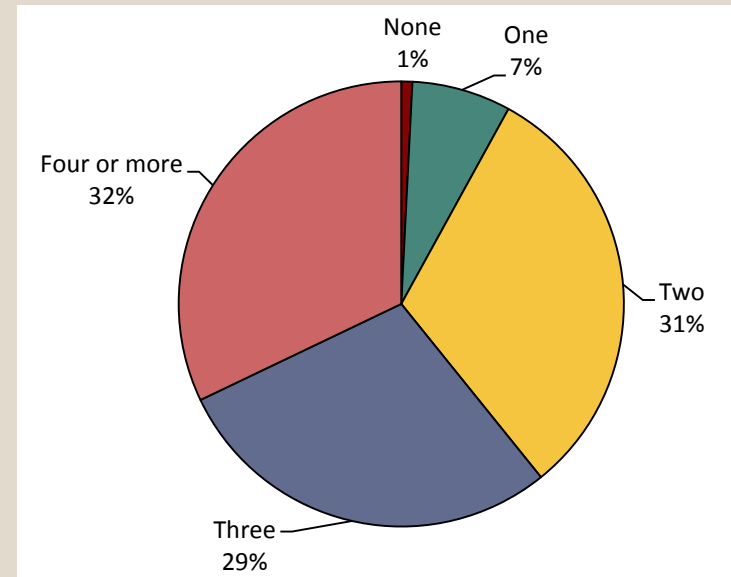
- Respondents between the ages of 18 and 24 have similar ownership rates across the four devices compared to respondents 25 or older. The exception is in tablet or iPad ownership, where those who are age 25 or older have an ownership rate approximately 20% higher than their age 18-24 counterparts.

# Number of internet capable devices

De Anza



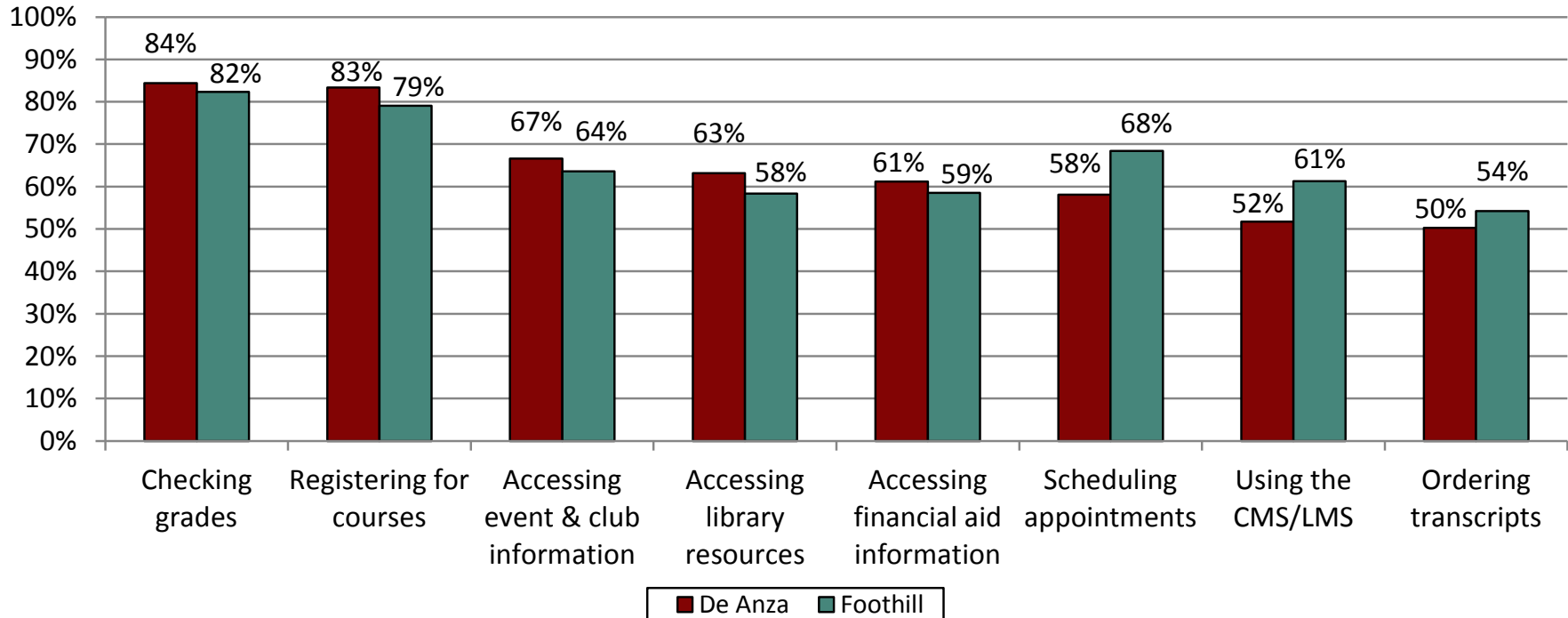
Foothill



-Nearly all respondents have at least one internet capable device (97% at De Anza and 99% at Foothill). Over half of the respondents have multiple internet capable devices with 55% of participants at De Anza and 61% at Foothill owning three or more such devices.



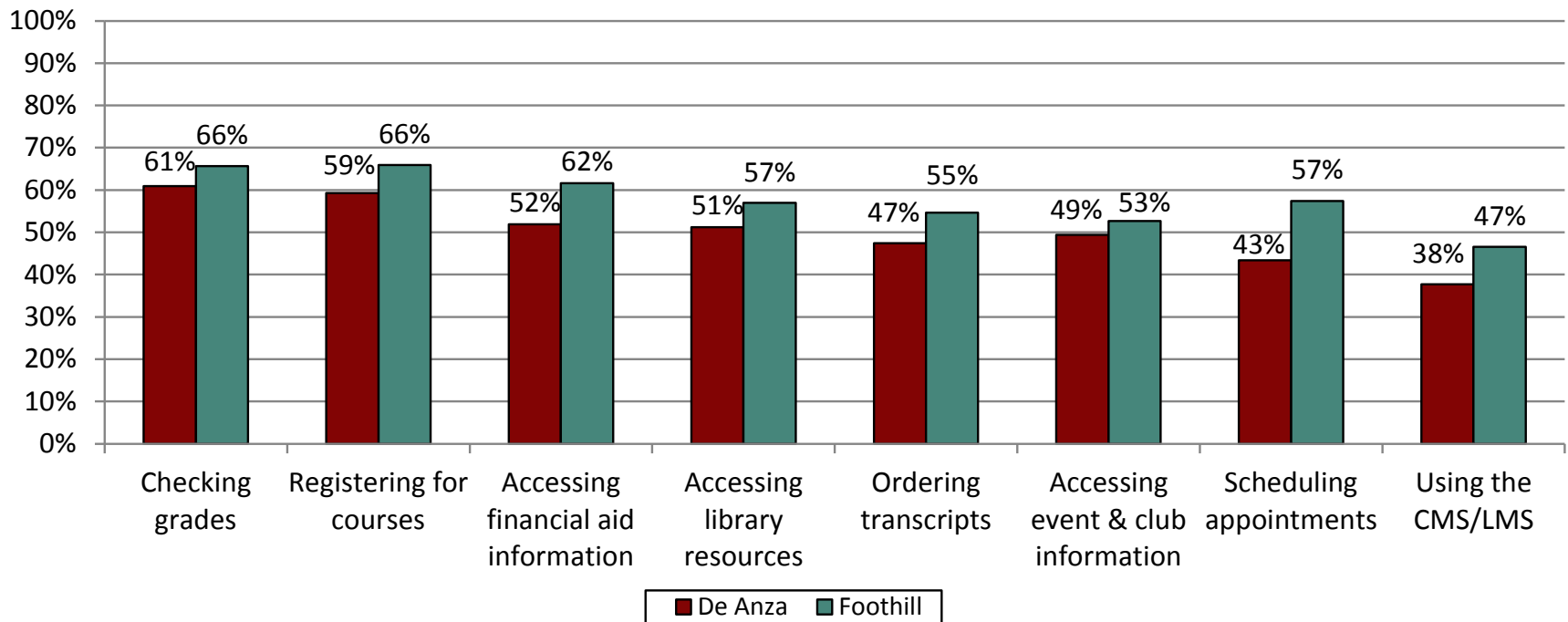
# Services used on a mobile device by students



- Roughly four-fifths of respondents at De Anza and Foothill used a mobile device to check grades and/or register for courses. Students at De Anza compared to Foothill used their mobile devices at a slightly higher rate for all services, except scheduling appointments, using CMS/LMS, and ordering transcripts.



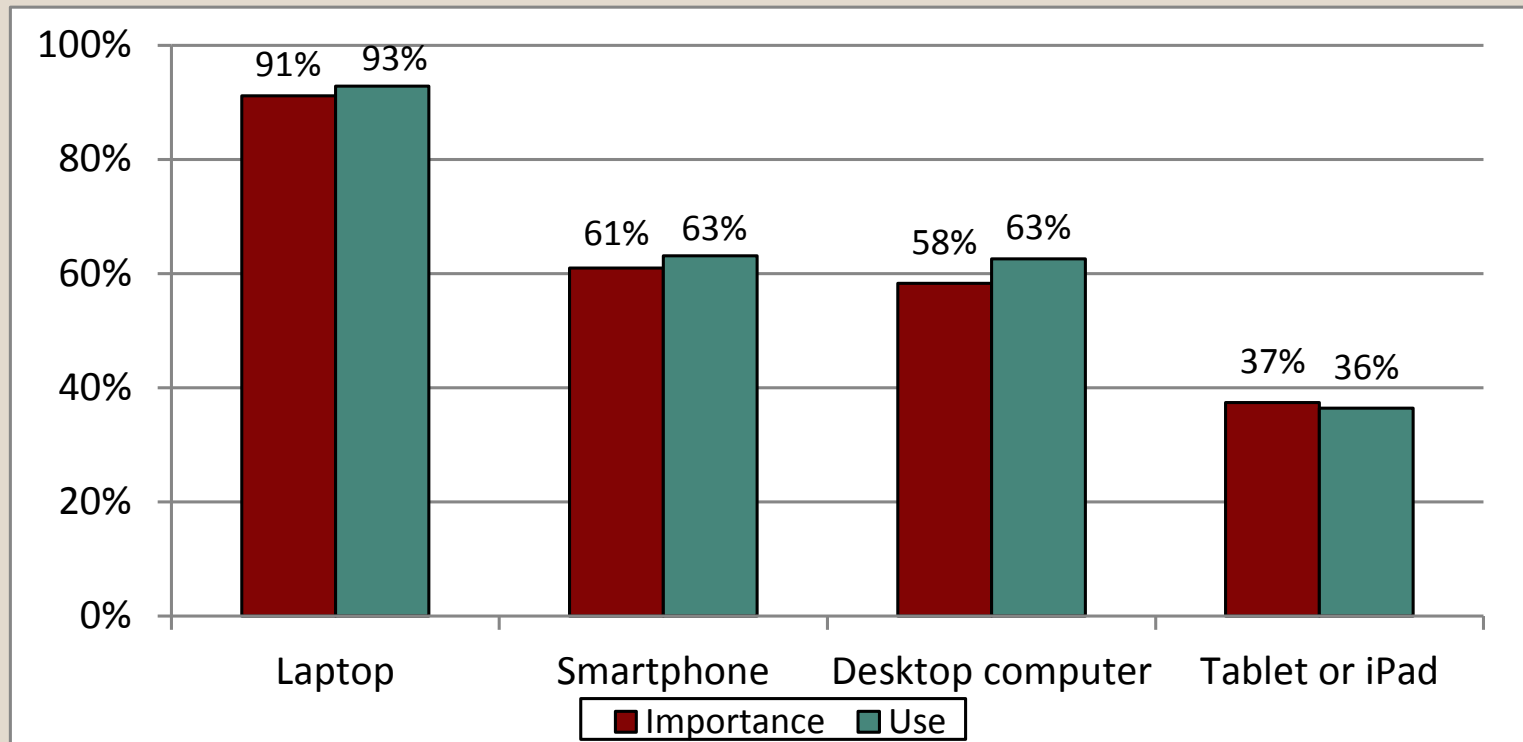
# Support for activities from a mobile device



- Less than two-thirds of students who used their mobile device for school services rated the support as good or excellent. The highest rated services, checking grades and registering for courses, were also the most commonly used services on mobile devices. Foothill respondents generally rated mobile device support more highly compared to De Anza, especially for scheduling appointments.



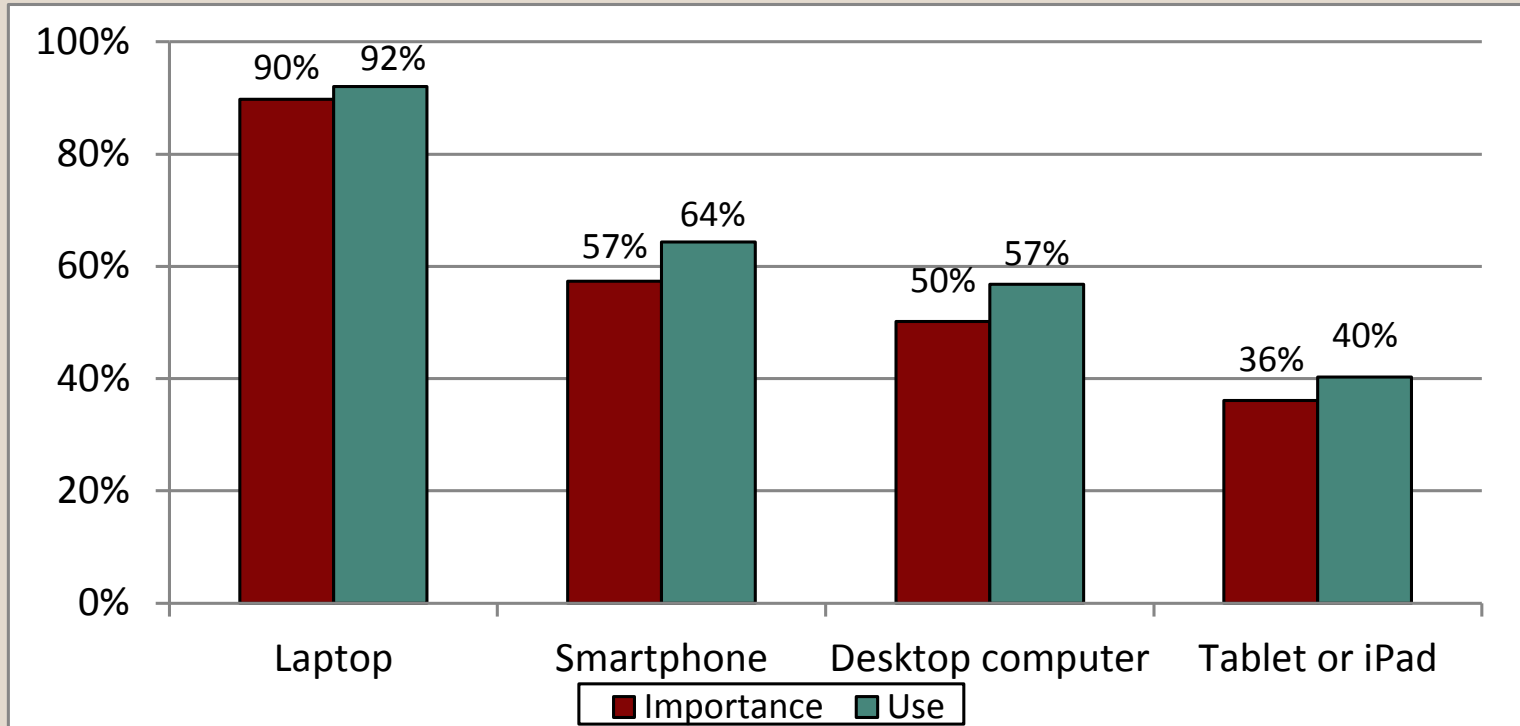
# Importance of device to academic success compared to use of device for academic purposes: De Anza



- Respondents feel laptops are the most important devices for academic success. Laptops are also used more frequently for academic purposes than any other device. Smartphone importance and use for academic purposes is roughly 30 percentage points lower than laptops.



# Importance of device to academic success compared to use of device for academic purposes: Foothill



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# Typical in-class experience with devices

De Anza	Smartphone		Tablet or iPad		Laptop	
	N	%	N	%	N	%
Banned/Discouraged from using it in class	234	70%	91	34%	66	19%
Encouraged/Required to use it in class	14	4%	28	10%	59	17%
Neither encouraged/discouraged	87	26%	150	56%	220	64%
Total N (N/A responses have been excluded)	335	100%	269	100%	345	100%

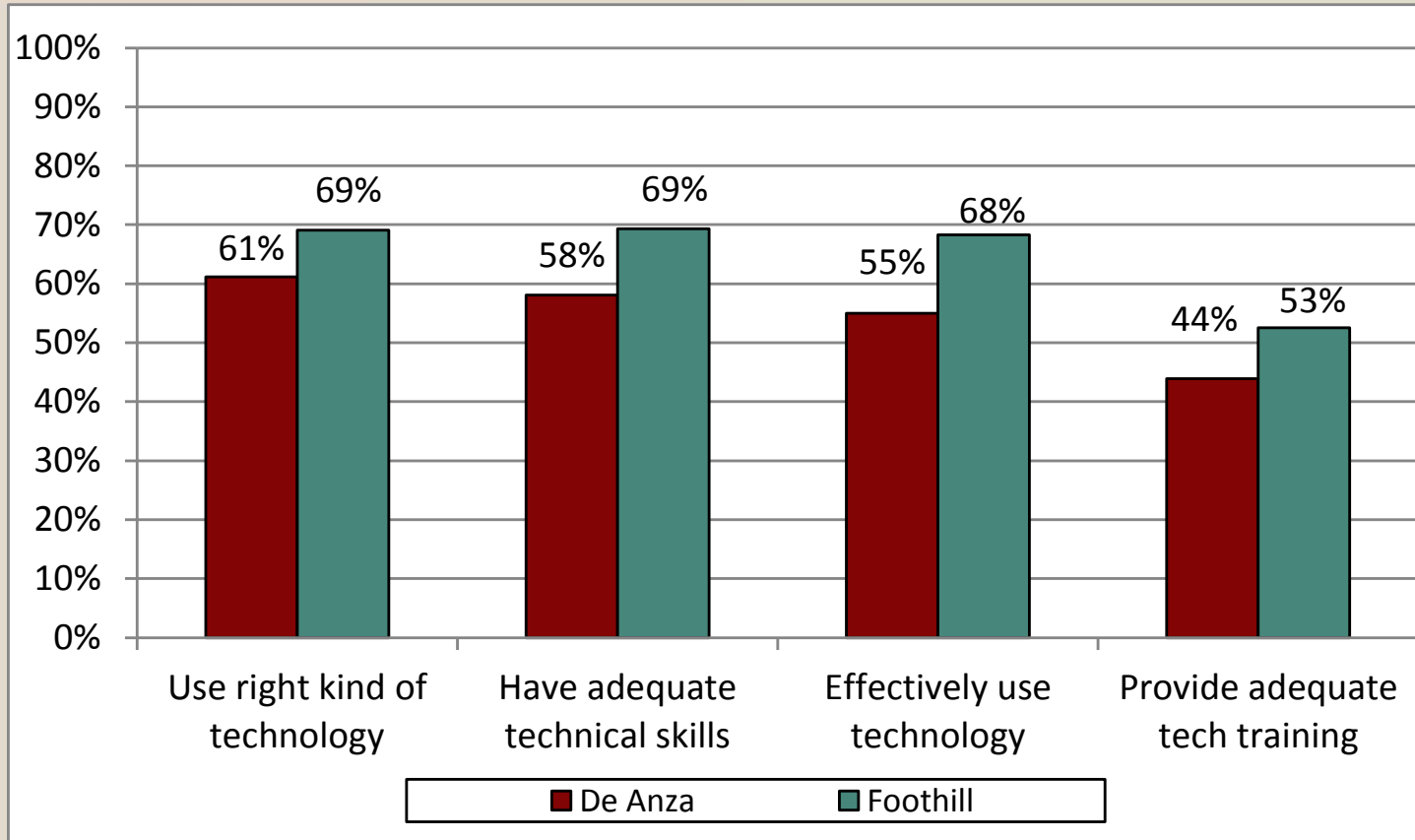
Foothill	Smartphone		Tablet or iPad		Laptop	
	N	%	N	%	N	%
Banned/Discouraged from using it in class	129	68%	37	22%	34	16%
Encouraged/Required to use it in class	9	5%	27	16%	63	29%
Neither encouraged/discouraged	53	27%	104	62%	120	55%
Total N (N/A responses have been excluded)	191	100%	168	100%	217	100%

- Over two-thirds of respondents at both De Anza and Foothill indicated smartphones were either banned or discouraged in class. Laptops were reported to be more likely to be encouraged or required, although this figure ranged from 17% at De Anza and 29% at Foothill. Over half the students indicated that laptops as well as tablets or iPads were neither encouraged or discouraged.





# Instructors and technology



- While around than two-thirds of all respondents felt most or all of their instructors' use and knowledge of technology is suitable, roughly half (53% at Foothill) or less (44% at De Anza) felt most or all of their instructors provided adequate tech training to students.



# Student learning environment

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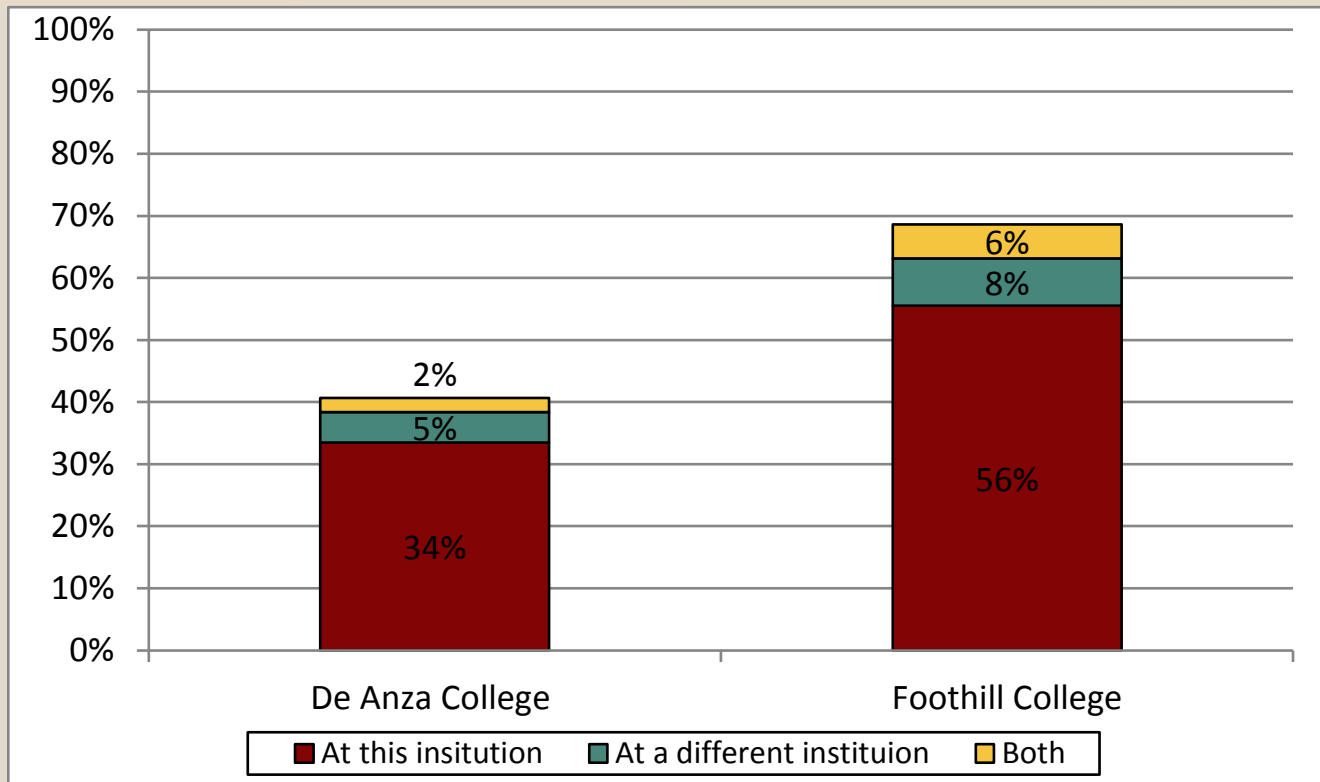
De Anza	Learn Most		Prefer	
	N	%	N	%
Courses with no online components	86	22%	97	25%
Courses with some online components	214	55%	202	52%
Courses that are completely online	23	6%	33	9%
No preference	65	17%	56	14%
Total	388	100%	388	100%

Foothill	Learn Most		Prefer	
	N	%	N	%
Courses with no online components	47	20%	49	21%
Courses with some online components	142	60%	129	55%
Courses that are completely online	22	9%	37	16%
No preference	24	10%	20	9%
Total	235	100%	235	100%

- More than half of the respondents from De Anza (55%) and Foothill (60%) cite courses with some online components as the learning environment where they learn the most.
- Courses with some online components were also preferred by more than half of all respondents (52% at De Anza and 55% at Foothill).
- Less than 10% of respondents felt they learned the most with online only courses.



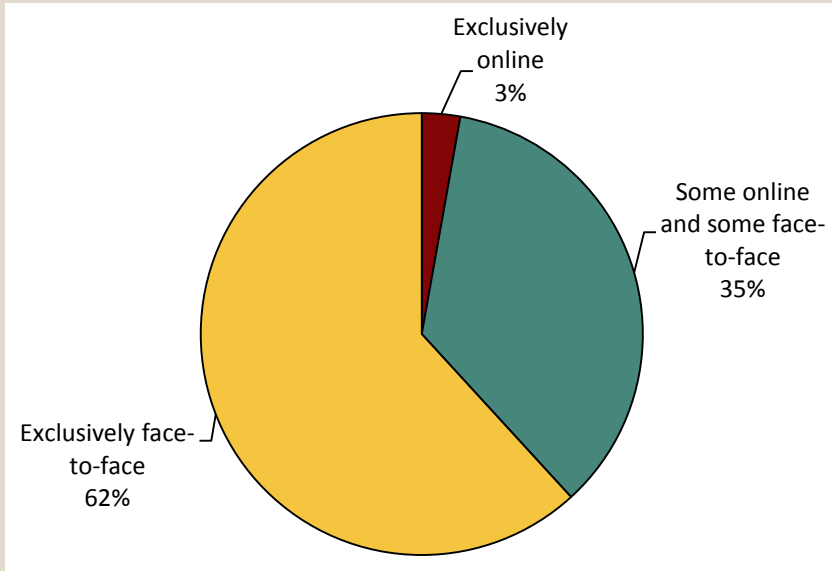
# Participation in completely online classes in the past year



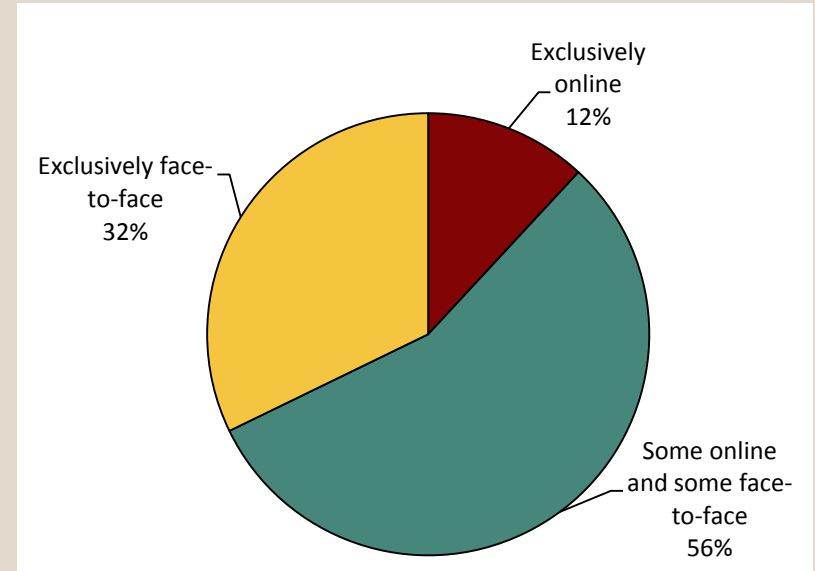
- Over half of Foothill respondents enrolled in a fully online course at Foothill, while another 14% experienced an online course at another institution.
- About one-third of De Anza respondents enrolled in a fully online course at De Anza, while another 7% experienced an online course at another institution .

# Class type participation

De Anza



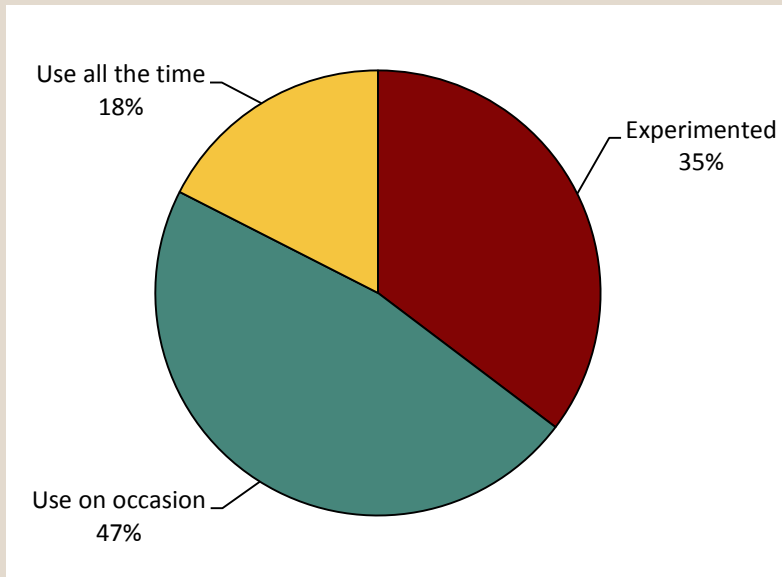
Foothill



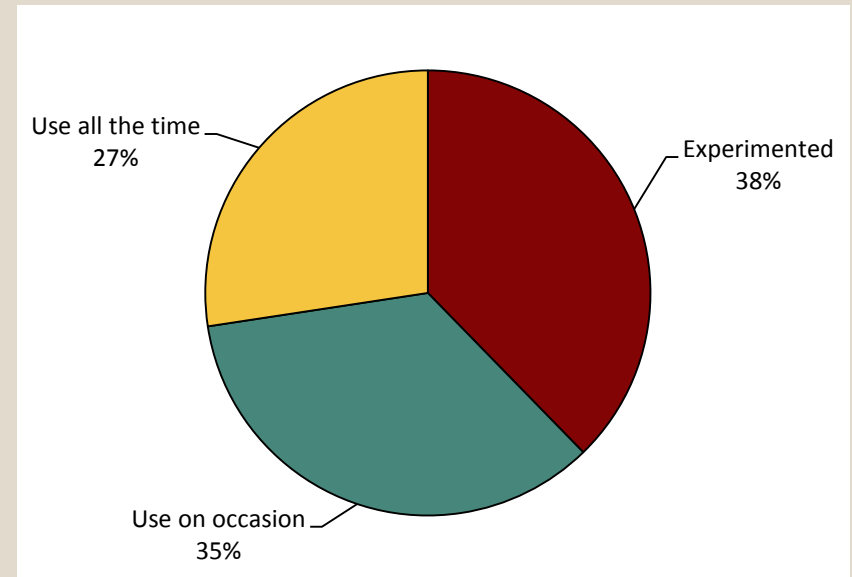
- Respondents at Foothill were more likely to enroll in a course with an online component, with 68% indicating that they enrolled in classes that were held exclusively online or with some online component compared to only 38% of De Anza respondents.

# Use of open education resources

De Anza



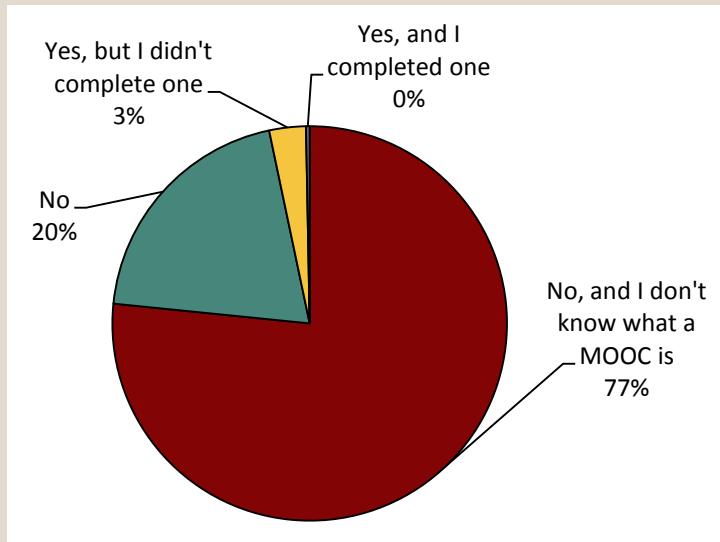
Foothill



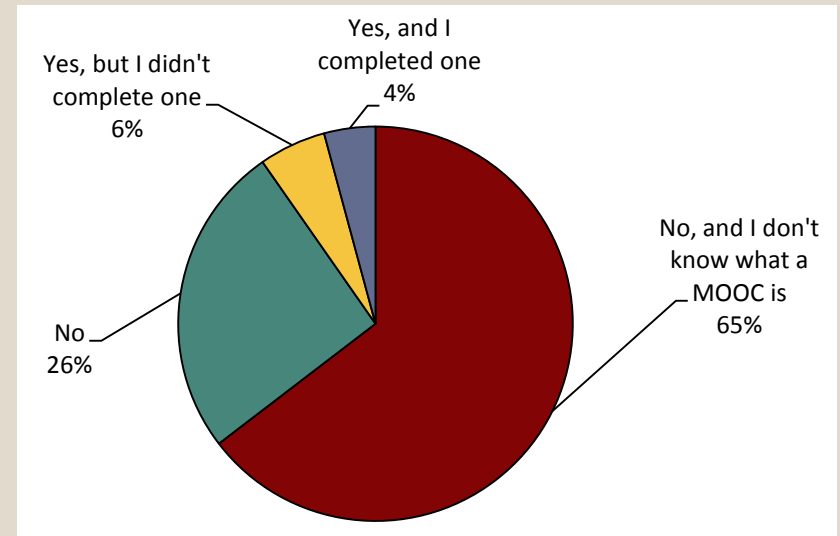
- Of the students who have used open educational resources, a little over a third (35% at De Anza and 38% at Foothill) have experimented with this platform. Foothill students seemed more likely to report using open educational resources all the time compared to their De Anza counterparts (18% at De Anza and 27% at Foothill).

# Participation in Massive Open Online Classes

De Anza



Foothill



-The majority of participants have not participated in a MOOC in the past year (97% at De Anza and 90% at Foothill). Three-fourths of participants at De Anza and nearly two-thirds at Foothill cannot define a MOOC.