FHDA Program Review

Enrollment Trends

FHDA District->De Anza College->Physical Sciences/Math/Engin->Engineering-FD

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %lnc
Unduplicated Headcount	435	371	298	236	407	-6.4%
Census Enrollment	468	393	319	258	457	-2.4%
Sections	14	14	11	8	12	-14.3%
WSCH	1,079	922	750	602	1,078	-0.1%
FTES (end of term)	73	62	50	41	72	-1.4%
FTEF (end of term)	2.1	2.1	1.7	1.2	1.9	-11.5%
Productivity (WSCH/FTEF)	505	432	438	485	570	12.8%

Faculty Workload

FHDA District->De Anza College->Physical Sciences/Math/Engin->Engineering-FD

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %lnc
Full Time Load	0.0	0.0	0.0	0.0	0.0	
Full Time %	0.0%	0.0%	0.0%	0.0%	0.0%	
Part Time Load	2.1	2.1	1.7	1.2	1.9	-11%
Part Time %	100.0%	100.0%	100.0%	100.0%	100.0%	0%
Total FTEF	2.1	2.1	1.7	1.2	1.9	-11%

Course Success

FHDA District->De Anza College->Physical Sciences/Math/Engin->Engineering-FD

	2016	2016-17		2017-18		3-19	2019-20		2020-21	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	426	91%	338	86%	287	90%	241	93%	391	86%
Non Success	15	3%	29	7%	14	4%	4	2%	20	4%
Withdrew	27	6%	26	7%	18	6%	13	5%	46	10%
Total	468	100%	393	100%	319	100%	258	100%	457	100%



Course Success by Race/Ethnicity

FHDA District->De Anza College->Physical Sciences/Math/Engin->Engineering-FD

Course Success for African American, Latinx, and Filipinx Students

	2016	6-17	2017	7-18	2018	3-19	2019-20		2020-21	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	116	91%	103	80%	78	89%	82	94%	107	80%
Non Success	5	4%	16	12%	4	5%	1	1%	7	5%
Withdrew	7	5%	10	8%	6	7%	4	5%	20	15%
Total	128	100%	129	100%	88	100%	87	100%	134	100%

Course Success for Asian, Native American, Pacific Islander, White, and Decline to State Students

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Grades	Percent								
Success	310	91%	235	89%	209	90%	159	93%	284	88%
Non Success	10	3%	13	5%	10	4%	3	2%	13	4%
Withdrew	20	6%	16	6%	12	5%	9	5%	26	8%
Total	340	100%	264	100%	231	100%	171	100%	323	100%
Total	340	100%	264	100%	231	100%	171	100%	323	1



Enr Distribution by Student Demographics

FHDA District->De Anza College->Physical Sciences/Math/Engin->Engineering-FD

by Gender

	201	6-17	201	7-18	201	8-19	201	9-20	2020-21		
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	
Female	78	17%	79	20%	62	19%	38	15%	98	21%	
Male	388	83%	313	80%	256	80%	219	85%	356	78%	
Not Reported	2	0%	1	0%	1	0%	1	0%	3	1%	
Total	468	100%	393	100%	319	100%	258	100%	457	100%	

by Ethnicity

	201	6-17	201	7-18	201	8-19	201	9-20	202	0-21
	Enr	Percent								
African American	17	4%	13	3%	11	3%	10	4%	15	3%
Asian	250	53%	206	52%	157	49%	106	41%	219	48%
Filipinx	35	7%	32	8%	17	5%	15	6%	41	9%
Latinx	76	16%	84	21%	60	19%	62	24%	78	17%
Native American	4	1%	1	0%	0	0%	1	0%	1	0%
Pacific Islander	1	0%	0	0%	1	0%	0	0%	1	0%
White	80	17%	53	13%	64	20%	61	24%	89	19%
Decline to State	5	1%	4	1%	9	3%	3	1%	13	3%
Total	468	100%	393	100%	319	100%	258	100%	457	100%

by Age

	201	6-17	201	7-18	201	8-19	201	9-20	2020-21		
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	
19 or less	80	17%	73	19%	76	24%	53	21%	102	22%	
20-24	300	64%	232	59%	195	61%	165	64%	258	56%	
25-39	80	17%	83	21%	47	15%	39	15%	92	20%	
40 +	8	2%	5	1%	1	0%	1	0%	5	1%	
Total	468	100%	393	100%	319	100%	258	100%	457	100%	

by Education Level

	201	6-17	201	7-18	201	8-19	201	9-20	202	0-21
'	Enr	Percent								
Bachelor or higher	13	3%	11	3%	7	2%	5	2%	13	3%
Associate	13	3%	14	4%	9	3%	12	5%	22	5%
HS/Equivalent	405	87%	330	84%	271	85%	229	89%	384	84%
All Other	37	8%	38	10%	32	10%	12	5%	38	8%
Total	468	100%	393	100%	319	100%	258	100%	457	100%

Success Rates by Gender

FHDA District->De Anza College->Physical Sciences/Math/Engin->Engineering-FD

				2020	-21			
	Succ	ess	Non Su	ccess	Withd	rew	Tota	al
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	80	82%	5	5%	13	13%	98	100%
Male	308	87%	15	4%	33	9%	356	100%
Not Reported	3	100%	0	0%	0	0%	3	100%
All	391	86%	20	4%	46	10%	457	100%
				2019	-20			
	Succ	ess	Non Su	ccess	Withd	rew	Tota	al
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	35	92%	0	0%	3	8%	38	100%
Male	205	94%	4	2%	10	5%	219	100%



	Grades	ess Percent	Grades	Percent	Grades	rew Percent	Grades	aı Percen
	Succe	200	Non Suc	2020-	-21 Withd	KOM.	Tot	al
Success Rates by Age HDA District->De Anza Co	ollege->Physica	l Sciences/Ma	ath/Engin->Er	ngineering-FD)			
AII	426	91%	15	3%	27	6%	468	100%
Not Reported	1	50%	1	50%	0	0%	2	1009
Male	353	91%	14	4%	21	5%	388	100
Female	Grades 72	Percent 92%	Grades	Percent 0%	Grades	Percent 8%	Grades 78	Perce
	Succ		Non Suc		Withd		Tot	
				2016				
All	338	86%	29	7%	26	7%	393	1009
Not Reported	1	100%	0	0%	0	0%	1	1009
Male	269	86%	25	8%	19	6%	313	1009
Female	68	86%	4	5%	7	9%	79	100
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Perce
	Succ	ess	Non Su	2017 ccess	-18 Withd	rew	Tot	al
		I		1	40	I		
All	287	90%	14	4%	18	6%	319	100
Not Reported	1	100%	0	0%	0	0%	1	100
Male	227	89%	14	5%	15	6%	256	100
Female	Grades 59	Percent 95%	Grades	Percent 0%	Grades 3	Percent 5%	Grades 62	Perce
	Succ		Non Su		Withd		Tot	
				2018	-19			
All	241	93%	4	2%	13	5%	258	100
Not Reported	1	100%	0	0%	0	0%	1	1009

				2020	-21									
	Succe	SS	Non Suc	ccess	Withd	rew	Tota	al						
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent						
19 or less	90	88%	7	7%	5	5%	102	100%						
20-24	220	85%	9	3%	29	11%	258	100%						
25-39	78	85%	4	4%	10	11%	92	100%						
40 +	3	60%	0	0%	2	40%	5	100%						
All	391	86%	20	4%	46	10%	457	100%						
				2019	-20									
	Succe	SS	Non Suc	ccess	Withd	rew	Tota	al						
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen						
19 or less	47	89%	1	2%	5	9%	53	100%						
20-24	157	95%	2	1%	6	4%	165	100%						
25-39	36	92%	1	3%	2	5%	39	100%						
40 +	1	100%	0	0%	0	0%	1	100%						
All	241	93%	4	2%	13	5%	258	100%						
		2018-19 Success Non Success Withdrew Total												
	Succe	SS	Non Suc	ccess	Withd	rew	Tota	al						
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen						
19 or less	69	91%	6	8%	1	1%	76	100%						
20-24	175	90%	7	4%	13	7%	195	100%						
25-39	42	89%	1	2%	4	9%	47	100%						
40 +	1	100%	0	0%	0	0%	1	100%						
All	287	90%	14	4%	18	6%	319	100%						
				2017	-18									
	Succe	SS	Non Suc	ccess	Withd	rew	Tota	al						
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen						
19 or less	62	85%	5	7%	6	8%	73	100%						
20-24	199	86%	19	8%	14	6%	232	100%						
25-39	73	88%	4	5%	6	7%	83	100%						
40 +	4	80%	1	20%	0	0%	5	100%						
All	338	86%	29	7%	26	7%	393	100%						
				2016	-17									
		Non Success Withdrew				Total								
	Succe	SS	Non Suc	ccess	Withd	rew	Tota	al						



19 or less	70	88%	2	3%	8	10%	80	100%
20-24	276	92%	10	3%	14	5%	300	100%
25-39	74	93%	3	4%	3	4%	80	100%
40 +	6	75%	0	0%	2	25%	8	100%
All	426	91%	15	3%	27	6%	468	100%

				2020						
	Succe		Non Suc		Withd		Tota			
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percer		
African American	12	80%	3	20%	0	0%	15	1009		
Asian	200	91%	6	3%	13	6%	219	1009		
Filipinx ∟atinx	29	71%	2	5%	10	24%	41	1000		
-aurix Native American	66	85% 100%	0	3% 0%	10	13%	78 1	1009		
Pacific Islander	1	100%	0	0%	0	0%	1	100		
White	71	80%	5	6%	13	15%	89	100		
Decline to State	11	85%	2	15%	0	0%	13	100		
All	391	86%	20	4%	46	10%	457	100		
311	391	00 /0	20	4 /0	40	10 /6	407	100		
				2019	-20					
	Succe	ess	Non Suc	ccess	Withd	rew	Tota	al		
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percer		
African American	10	100%	0	0%	0	0%	10	1009		
Asian	102	96%	1	1%	3	3%	106	1009		
Filipinx	13	87%	0	0%	2	13%	15	1009		
_atinx	59	95%	1	2%	2	3%	62	100		
Native American	1	100%	0	0%	0	0%	1	1009		
Pacific Islander	0	N/A	0	N/A	0	N/A	0	100		
White	53	87%	2	3%	6	10%	61	1009		
Decline to State	3	100%	0	0%	0	0%	3	1009		
All	241	93%	4	2%	13	5%	258	1009		
	2049 40									
	2018-19 Success Non Success Withdrew Total									
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percer		
African American	10	91%	1	9%	0	0%	11	100		
Asian	143	91%	7	4%	7	4%	157	100		
Filipinx	14	82%	0	0%	3	18%	17	100		
-atinx	54	90%	3	5%	3	5%	60	100		
Native American	0	N/A	0	N/A	0	N/A	0	100		
Pacific Islander	1	100%	0	0%	0	0%	1	100		
White	59	92%	1	2%	4	6%	64	100		
Decline to State	6	67%	2	22%	1	11%	9	1009		
All	287	90%	14	4%	18	6%	319	100		
AII		ļ		1		I				
				2017						
			Non Suc	ccess	Withd		Tota			
	Succe		Cuadaa			Percent	Grades	Percer		
	Grades	Percent	Grades	Percent	Grades	00/		TUU'		
African American	Grades	Percent 85%	1	Percent 8%	1	8%	13			
African American Asian	Grades 11 182	85% 88%	1 8	Percent 8% 4%	1 16	8%	206	1009		
African American Asian Filipinx	Grades 11 182 27	85% 88% 84%	1 8 3	8% 4% 9%	1 16 2	8% 6%	206 32	100°		
African American Asian Filipinx ∟atinx	Grades 11 182 27 65	85% 88% 84% 77%	1 8 3 12	8% 4% 9% 14%	1 16 2 7	8% 6% 8%	206 32 84	100° 100° 100°		
African American Asian Filipinx Latinx Native American	11 182 27 65 1	85% 88% 84% 77% 100%	1 8 3 12 0	9% 14% 0%	1 16 2 7 0	8% 6% 8% 0%	206 32 84 1	100° 100° 100°		
African American Asian Filipinx Latinx Native American Pacific Islander	Grades 11 182 27 65 1	85% 88% 84% 77% 100% N/A	1 8 3 12 0	9% 14% 0% N/A	1 16 2 7 0	8% 6% 8% 0% N/A	206 32 84 1 0	100° 100° 100° 100°		
African American Asian Filipinx Latinx Native American Pacific Islander	Grades 11 182 27 65 1 0 49	85% 88% 84% 77% 100% N/A 92%	1 8 3 12 0 0 4	9% 14% 0% N/A 8%	1 16 2 7 0 0	8% 6% 8% 0% N/A 0%	206 32 84 1 0 53	100° 100° 100° 100° 100°		
African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State	Grades 11 182 27 65 1 0 49 3	85% 88% 84% 77% 100% N/A 92% 75%	1 8 3 12 0 0 4 1	9% 14% 0% N/A 8% 25%	1 16 2 7 0 0 0	8% 6% 8% 0% N/A 0% 0%	206 32 84 1 0 53 4	100° 100° 100° 100° 100° 100°		
African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State	Grades 11 182 27 65 1 0 49	85% 88% 84% 77% 100% N/A 92%	1 8 3 12 0 0 4	9% 14% 0% N/A 8%	1 16 2 7 0 0	8% 6% 8% 0% N/A 0%	206 32 84 1 0 53	100° 100° 100° 100° 100° 100°		
African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State	Grades 11 182 27 65 1 0 49 3	85% 88% 84% 77% 100% N/A 92% 75%	1 8 3 12 0 0 4 1	9% 14% 0% N/A 8% 25%	1 16 2 7 0 0 0 0	8% 6% 8% 0% N/A 0% 0%	206 32 84 1 0 53 4	100° 100° 100° 100° 100° 100°		
African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State	Grades 11 182 27 65 1 0 49 3	Percent 85% 88% 84% 77% 100% N/A 92% 75% 86%	1 8 3 12 0 0 4 1	9% 14% 0% N/A 8% 25% 7%	1 16 2 7 0 0 0 0	8% 6% 8% 0% N/A 0% 0% 7%	206 32 84 1 0 53 4	100° 100° 100° 100° 100° 100°		
African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State	Grades 11 182 27 65 1 0 49 3 338	Percent 85% 88% 84% 77% 100% N/A 92% 75% 86%	1 8 3 12 0 0 4 1 29	9% 14% 0% N/A 8% 25% 7%	1 16 2 7 0 0 0 0 26	8% 6% 8% 0% N/A 0% 0% 7%	206 32 84 1 0 53 4 393	1009 1009 1009 1009 1009 1009		
African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State All	Grades 11 182 27 65 1 0 49 3 338	Percent 85% 88% 84% 77% 100% N/A 92% 75% 86%	1 8 3 12 0 0 4 1 29	Percent 8% 4% 9% 14% 0% N/A 8% 25% 7% 2016	1 16 2 7 0 0 0 0 26	8% 6% 8% 0% N/A 0% 0% 7%	206 32 84 1 0 53 4 393	1009 1009 1009 1009 1009 1009		
African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State All African American Asian	Grades 11 182 27 65 1 0 49 3 338 Succeeding Grades	Percent 85% 88% 84% 77% 100% N/A 92% 75% 86% ess Percent	1 8 3 12 0 0 4 1 29 Non Suc	Percent	1 16 2 7 0 0 0 0 26 -17 Withd Grades	8% 6% 8% 0% N/A 0% 0% 7%	206 32 84 1 0 53 4 393	1009 1009 1009 1009 1009 1009		
African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State All	Grades 11 182 27 65 1 0 49 3 338 Succe Grades 15	Percent 85% 88% 84% 77% 100% N/A 92% 75% 86% ess Percent 88%	1 8 3 12 0 0 4 1 29 Non Sud Grades	Percent	1 16 2 7 0 0 0 0 26 -17 Withd Grades	8% 6% 8% 0% N/A 0% 0% 7% rew Percent 6%	206 32 84 1 0 53 4 393 Tota Grades	1009 1009 1009 1009 1009 1009 1009		

FHDA Program Review

Native American	4	100%	0	0%	0	0%	4	100%
Pacific Islander	1	100%	0	0%	0	0%	1	100%
White	76	95%	1	1%	3	4%	80	100%
Decline to State	4	80%	0	0%	1	20%	5	100%
All	426	91%	15	3%	27	6%	468	100%

Some courses may continue to be listed but no longer have data due to renumbering or because the course was not offered in the past five years.

