

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 %Inc
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%
FTEF (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 %Inc
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

	2016-17		2017-18		2018-19		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

	2016-17		2017-18		2018-19		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	Grades	Percent	Grades	Percent	Grades	Percent	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%

Enr Distribution by Student Demographics
 FHDA District->De Anza College->Physical Sciences/Math/Engin->Engineering-FD

by Gender

	2016-17		2017-18		2018-19		2019-20		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

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	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

	2016-17		2017-18		2018-19		2019-20		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

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	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							
	Success		Non Success		Withdraw		Total	
	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							
	Success		Non Success		Withdraw		Total	
	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%

Not Reported	1	100%	0	0%	0	0%	1	100%
All	241	93%	4	2%	13	5%	258	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	59	95%	0	0%	3	5%	62	100%
Male	227	89%	14	5%	15	6%	256	100%
Not Reported	1	100%	0	0%	0	0%	1	100%
All	287	90%	14	4%	18	6%	319	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	68	86%	4	5%	7	9%	79	100%
Male	269	86%	25	8%	19	6%	313	100%
Not Reported	1	100%	0	0%	0	0%	1	100%
All	338	86%	29	7%	26	7%	393	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	72	92%	0	0%	6	8%	78	100%
Male	353	91%	14	4%	21	5%	388	100%
Not Reported	1	50%	1	50%	0	0%	2	100%
All	426	91%	15	3%	27	6%	468	100%

Success Rates by Age

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

2020-21

	Success		Non Success		Withdrew		Total	
	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

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
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	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
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

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
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

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent

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%

Success Rates by Ethnicity

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

	2020-21							
	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	12	80%	3	20%	0	0%	15	100%
Asian	200	91%	6	3%	13	6%	219	100%
Filipinx	29	71%	2	5%	10	24%	41	100%
Latinx	66	85%	2	3%	10	13%	78	100%
Native American	1	100%	0	0%	0	0%	1	100%
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%

	2019-20							
	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	10	100%	0	0%	0	0%	10	100%
Asian	102	96%	1	1%	3	3%	106	100%
Filipinx	13	87%	0	0%	2	13%	15	100%
Latinx	59	95%	1	2%	2	3%	62	100%
Native American	1	100%	0	0%	0	0%	1	100%
Pacific Islander	0	N/A	0	N/A	0	N/A	0	100%
White	53	87%	2	3%	6	10%	61	100%
Decline to State	3	100%	0	0%	0	0%	3	100%
All	241	93%	4	2%	13	5%	258	100%

	2018-19							
	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
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%
Latinx	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	100%
All	287	90%	14	4%	18	6%	319	100%

	2017-18							
	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	11	85%	1	8%	1	8%	13	100%
Asian	182	88%	8	4%	16	8%	206	100%
Filipinx	27	84%	3	9%	2	6%	32	100%
Latinx	65	77%	12	14%	7	8%	84	100%
Native American	1	100%	0	0%	0	0%	1	100%
Pacific Islander	0	N/A	0	N/A	0	N/A	0	100%
White	49	92%	4	8%	0	0%	53	100%
Decline to State	3	75%	1	25%	0	0%	4	100%
All	338	86%	29	7%	26	7%	393	100%

	2016-17							
	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	15	88%	1	6%	1	6%	17	100%
Asian	225	90%	9	4%	16	6%	250	100%
Filipinx	33	94%	1	3%	1	3%	35	100%
Latinx	68	89%	3	4%	5	7%	76	100%

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.