

FHDA Program Review

Enrollment Trends

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

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %Inc
Unduplicated Headcount	1,441	1,399	1,340	1,466	1,441	0.0%
Census Enrollment	2,120	2,053	1,974	2,215	2,176	2.6%
Sections	70	67	60	66	73	4.3%
WSCH	4,481	4,250	4,184	4,907	4,741	5.8%
FTEs (end of term)	302	287	283	330	320	6.0%
FTEF (end of term)	8.5	7.9	7.0	7.7	8.7	2.3%
Productivity (WSCH/FTEF)	529	535	595	638	547	3.4%

Faculty Workload

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

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %Inc
Full Time Load	3.0	3.0	3.0	2.9	3.0	0%
Full Time %	34.9%	37.9%	42.1%	38.0%	34.2%	-2%
Overload	1.4	1.5	1.2	1.3	1.5	6%
Overload %	16.7%	18.8%	17.1%	17.4%	17.4%	4%
Part Time Load	4.1	3.4	2.9	3.4	4.2	2%
Part Time %	48.4%	43.3%	40.9%	44.5%	48.4%	0%
Total FTEF	8.5	7.9	7.0	7.7	8.7	2%

Course Success

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

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,366	64%	1,233	60%	1,252	63%	1,502	68%	1,482	68%
Non Success	307	14%	332	16%	327	17%	240	11%	186	9%
Withdrew	447	21%	488	24%	395	20%	473	21%	508	23%
Total	2,120	100%	2,053	100%	1,974	100%	2,215	100%	2,176	100%

Course Success by Race/Ethnicity

FHDA District->De Anza College->Physical Sciences/Math/Engin->Physics-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	181	54%	185	46%	183	54%	181	51%	245	56%
Non Success	56	17%	75	19%	70	21%	62	17%	53	12%
Withdrew	98	29%	138	35%	85	25%	113	32%	142	32%
Total	335	100%	398	100%	338	100%	356	100%	440	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	1,185	66%	1,048	63%	1,069	65%	1,321	71%	1,237	71%
Non Success	251	14%	257	16%	257	16%	178	10%	133	8%
Withdrew	349	20%	350	21%	310	19%	360	19%	366	21%
Total	1,785	100%	1,655	100%	1,636	100%	1,859	100%	1,736	100%

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

by Gender

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	583	28%	599	29%	619	31%	654	30%	646	30%
Male	1,524	72%	1,448	71%	1,344	68%	1,545	70%	1,510	69%
Non-Binary	0	0%	0	0%	1	0%	1	0%	2	0%
Not Reported	13	1%	6	0%	10	1%	15	1%	18	1%
Total	2,120	100%	2,053	100%	1,974	100%	2,215	100%	2,176	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	45	2%	40	2%	42	2%	42	2%	58	3%
Asian	1,441	68%	1,337	65%	1,302	66%	1,458	66%	1,320	61%
Filipinx	94	4%	112	5%	80	4%	100	5%	121	6%
Latinx	196	9%	246	12%	216	11%	214	10%	261	12%
Native American	6	0%	1	0%	6	0%	4	0%	10	0%
Pacific Islander	4	0%	9	0%	4	0%	8	0%	7	0%
White	301	14%	279	14%	295	15%	354	16%	329	15%
Decline to State	33	2%	29	1%	29	1%	35	2%	70	3%
Total	2,120	100%	2,053	100%	1,974	100%	2,215	100%	2,176	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	533	25%	526	26%	460	23%	615	28%	555	26%
20-24	1,342	63%	1,239	60%	1,183	60%	1,251	56%	1,219	56%
25-39	232	11%	282	14%	307	16%	331	15%	382	18%
40 +	13	1%	6	0%	24	1%	18	1%	20	1%
Total	2,120	100%	2,053	100%	1,974	100%	2,215	100%	2,176	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	47	2%	56	3%	75	4%	85	4%	85	4%
Associate	31	1%	34	2%	34	2%	51	2%	49	2%
HS/Equivalent	1,819	86%	1,740	85%	1,649	84%	1,840	83%	1,812	83%
All Other	223	11%	223	11%	216	11%	239	11%	230	11%
Total	2,120	100%	2,053	100%	1,974	100%	2,215	100%	2,176	100%

Success Rates by Gender
 FHDA District->De Anza College->Physical Sciences/Math/Engin->Physics-FD

	2020-21							
	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	448	69%	46	7%	152	24%	646	100%
Male	1,018	67%	140	9%	352	23%	1,510	100%
Non-Binary	1	50%	0	0%	1	50%	2	100%
Not Reported	15	83%	0	0%	3	17%	18	100%
All	1,482	68%	186	9%	508	23%	2,176	100%

	2019-20							
	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	448	69%	46	7%	152	24%	646	100%
Male	1,018	67%	140	9%	352	23%	1,510	100%
Non-Binary	1	50%	0	0%	1	50%	2	100%
Not Reported	15	83%	0	0%	3	17%	18	100%
All	1,482	68%	186	9%	508	23%	2,176	100%

Female	469	72%	57	9%	128	20%	654	100%
Male	1,024	66%	183	12%	338	22%	1,545	100%
Non-Binary	0	0%	0	0%	1	100%	1	100%
Not Reported	9	60%	0	0%	6	40%	15	100%
All	1,502	68%	240	11%	473	21%	2,215	100%

2018-19

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	413	67%	92	15%	114	18%	619	100%
Male	834	62%	232	17%	278	21%	1,344	100%
Non-Binary	0	0%	1	100%	0	0%	1	100%
Not Reported	5	50%	2	20%	3	30%	10	100%
All	1,252	63%	327	17%	395	20%	1,974	100%

2017-18

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	417	70%	68	11%	114	19%	599	100%
Male	811	56%	264	18%	373	26%	1,448	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	5	83%	0	0%	1	17%	6	100%
All	1,233	60%	332	16%	488	24%	2,053	100%

2016-17

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	411	70%	57	10%	115	20%	583	100%
Male	944	62%	249	16%	331	22%	1,524	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	11	85%	1	8%	1	8%	13	100%
All	1,366	64%	307	14%	447	21%	2,120	100%

Success Rates by Age

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

2020-21

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	405	73%	32	6%	118	21%	555	100%
20-24	818	67%	104	9%	297	24%	1,219	100%
25-39	249	65%	48	13%	85	22%	382	100%
40 +	10	50%	2	10%	8	40%	20	100%
All	1,482	68%	186	9%	508	23%	2,176	100%

2019-20

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	454	74%	39	6%	122	20%	615	100%
20-24	831	66%	155	12%	265	21%	1,251	100%
25-39	207	63%	44	13%	80	24%	331	100%
40 +	10	56%	2	11%	6	33%	18	100%
All	1,502	68%	240	11%	473	21%	2,215	100%

2018-19

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	332	72%	48	10%	80	17%	460	100%
20-24	732	62%	214	18%	237	20%	1,183	100%
25-39	171	56%	63	21%	73	24%	307	100%
40 +	17	71%	2	8%	5	21%	24	100%
All	1,252	63%	327	17%	395	20%	1,974	100%

2017-18

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	366	70%	67	13%	93	18%	526	100%
20-24	708	57%	205	17%	326	26%	1,239	100%
25-39	154	55%	60	21%	68	24%	282	100%

40 +	5	83%	0	0%	1	17%	6	100%
All	1,233	60%	332	16%	488	24%	2,053	100%

2016-17

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	375	70%	60	11%	98	18%	533	100%
20-24	831	62%	217	16%	294	22%	1,342	100%
25-39	151	65%	28	12%	53	23%	232	100%
40 +	9	69%	2	15%	2	15%	13	100%
All	1,366	64%	307	14%	447	21%	2,120	100%

Success Rates by Ethnicity

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

2020-21

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	38	66%	3	5%	17	29%	58	100%
Asian	950	72%	96	7%	274	21%	1,320	100%
Filipinx	73	60%	9	7%	39	32%	121	100%
Latinx	134	51%	41	16%	86	33%	261	100%
Native American	6	60%	2	20%	2	20%	10	100%
Pacific Islander	2	29%	1	14%	4	57%	7	100%
White	225	68%	26	8%	78	24%	329	100%
Decline to State	54	77%	8	11%	8	11%	70	100%
All	1,482	68%	186	9%	508	23%	2,176	100%

2019-20

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	16	38%	8	19%	18	43%	42	100%
Asian	1,032	71%	140	10%	286	20%	1,458	100%
Filipinx	55	55%	15	15%	30	30%	100	100%
Latinx	110	51%	39	18%	65	30%	214	100%
Native American	3	75%	0	0%	1	25%	4	100%
Pacific Islander	5	63%	2	25%	1	13%	8	100%
White	253	71%	33	9%	68	19%	354	100%
Decline to State	28	80%	3	9%	4	11%	35	100%
All	1,502	68%	240	11%	473	21%	2,215	100%

2018-19

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	20	48%	13	31%	9	21%	42	100%
Asian	854	66%	199	15%	249	19%	1,302	100%
Filipinx	51	64%	10	13%	19	24%	80	100%
Latinx	112	52%	47	22%	57	26%	216	100%
Native American	4	67%	2	33%	0	0%	6	100%
Pacific Islander	2	50%	1	25%	1	25%	4	100%
White	190	64%	49	17%	56	19%	295	100%
Decline to State	19	66%	6	21%	4	14%	29	100%
All	1,252	63%	327	17%	395	20%	1,974	100%

2017-18

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	15	38%	9	23%	16	40%	40	100%
Asian	840	63%	210	16%	287	21%	1,337	100%
Filipinx	48	43%	28	25%	36	32%	112	100%
Latinx	122	50%	38	15%	86	35%	246	100%
Native American	1	100%	0	0%	0	0%	1	100%
Pacific Islander	4	44%	2	22%	3	33%	9	100%
White	185	66%	36	13%	58	21%	279	100%
Decline to State	18	62%	9	31%	2	7%	29	100%
All	1,233	60%	332	16%	488	24%	2,053	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	25	56%	6	13%	14	31%	45	100%
Asian	966	67%	200	14%	275	19%	1,441	100%
Filipinx	46	49%	19	20%	29	31%	94	100%
Latinx	110	56%	31	16%	55	28%	196	100%
Native American	5	83%	0	0%	1	17%	6	100%
Pacific Islander	1	25%	2	50%	1	25%	4	100%
White	193	64%	43	14%	65	22%	301	100%
Decline to State	20	61%	6	18%	7	21%	33	100%
All	1,366	64%	307	14%	447	21%	2,120	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.