

# FHDA Program Review

## Enrollment Trends

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

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %Inc
<b>Unduplicated Headcount</b>	12,398	11,595	10,561	10,096	10,564	-14.8%
<b>Census Enrollment</b>	22,785	21,268	18,334	17,864	18,503	-18.8%
<b>Sections</b>	667	637	554	541	546	-18.1%
<b>WSCH</b>	39,478	37,189	32,518	30,301	31,255	-20.8%
<b>FTEs (end of term)</b>	2610	2459	2149	2006	2062	-21.0%
<b>FTEF (end of term)</b>	74.7	71.2	60.6	58.4	59.1	-20.9%
<b>Productivity (WSCH/FTEF)</b>	528	522	536	519	529	0.1%

## Faculty Workload

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

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %Inc
<b>Full Time Load</b>	28.0	26.5	25.2	23.4	23.8	-15%
<b>Full Time %</b>	37.4%	37.3%	41.6%	40.1%	40.3%	8%
<b>Overload</b>	10.9	8.8	9.4	10.4	9.6	-12%
<b>Overload %</b>	14.6%	12.4%	15.5%	17.7%	16.3%	11%
<b>Part Time Load</b>	35.9	35.9	26.0	24.6	25.7	-28%
<b>Part Time %</b>	48.0%	50.4%	42.9%	42.2%	43.5%	-9%
<b>Total FTEF</b>	74.7	71.2	60.6	58.4	59.1	-21%

## Course Success

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

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>Success</b>	14,747	65%	14,177	67%	12,318	67%	12,919	72%	14,561	79%
<b>Non Success</b>	4,564	20%	3,999	19%	3,173	17%	2,358	13%	1,839	10%
<b>Withdrew</b>	3,474	15%	3,092	15%	2,841	15%	2,587	14%	2,103	11%
<b>Total</b>	22,785	100%	21,268	100%	18,332	100%	17,864	100%	18,503	100%

Course Success by Race/Ethnicity

FHDA District->De Anza College->Physical Sciences/Math/Engin->Mathematics-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
<b>Success</b>	4,690	55%	4,366	56%	3,133	53%	3,150	58%	3,723	65%
<b>Non Success</b>	2,248	26%	2,043	26%	1,466	25%	1,156	21%	1,017	18%
<b>Withdrew</b>	1,551	18%	1,357	17%	1,268	22%	1,118	21%	964	17%
<b>Total</b>	8,489	100%	7,766	100%	5,867	100%	5,424	100%	5,704	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
<b>Success</b>	10,057	70%	9,811	73%	9,185	74%	9,769	79%	10,838	85%
<b>Non Success</b>	2,316	16%	1,956	14%	1,707	14%	1,202	10%	822	6%
<b>Withdrew</b>	1,923	13%	1,735	13%	1,573	13%	1,469	12%	1,139	9%
<b>Total</b>	14,296	100%	13,502	100%	12,465	100%	12,440	100%	12,799	100%

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

**by Gender**

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	9,711	43%	8,921	42%	7,490	41%	7,260	41%	7,815	42%
Male	12,918	57%	12,227	57%	10,732	59%	10,484	59%	10,535	57%
Non-Binary	0	0%	0	0%	4	0%	3	0%	0	0%
Not Reported	156	1%	120	1%	108	1%	117	1%	153	1%
<b>Total</b>	<b>22,785</b>	<b>100%</b>	<b>21,268</b>	<b>100%</b>	<b>18,334</b>	<b>100%</b>	<b>17,864</b>	<b>100%</b>	<b>18,503</b>	<b>100%</b>

**by Ethnicity**

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	874	4%	818	4%	548	3%	544	3%	584	3%
Asian	10,405	46%	9,784	46%	9,332	51%	9,267	52%	8,955	48%
Filipinx	1,631	7%	1,392	7%	1,121	6%	1,037	6%	1,189	6%
Latinx	5,984	26%	5,556	26%	4,199	23%	3,843	22%	3,931	21%
Native American	74	0%	79	0%	68	0%	42	0%	50	0%
Pacific Islander	170	1%	156	1%	106	1%	109	1%	107	1%
White	3,267	14%	3,217	15%	2,717	15%	2,583	14%	2,752	15%
Decline to State	380	2%	266	1%	243	1%	439	2%	935	5%
<b>Total</b>	<b>22,785</b>	<b>100%</b>	<b>21,268</b>	<b>100%</b>	<b>18,334</b>	<b>100%</b>	<b>17,864</b>	<b>100%</b>	<b>18,503</b>	<b>100%</b>

**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	7,341	32%	6,399	30%	5,997	33%	6,242	35%	6,286	34%
20-24	11,924	52%	11,261	53%	9,276	51%	8,662	48%	8,674	47%
25-39	3,139	14%	3,277	15%	2,755	15%	2,679	15%	3,128	17%
40 +	381	2%	331	2%	306	2%	281	2%	415	2%
<b>Total</b>	<b>22,785</b>	<b>100%</b>	<b>21,268</b>	<b>100%</b>	<b>18,334</b>	<b>100%</b>	<b>17,864</b>	<b>100%</b>	<b>18,503</b>	<b>100%</b>

**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	413	2%	431	2%	481	3%	512	3%	699	4%
Associate	370	2%	384	2%	299	2%	341	2%	412	2%
HS/Equivalent	20,205	89%	18,748	88%	16,017	87%	15,566	87%	15,450	83%
All Other	1,797	8%	1,705	8%	1,537	8%	1,445	8%	1,942	10%
<b>Total</b>	<b>22,785</b>	<b>100%</b>	<b>21,268</b>	<b>100%</b>	<b>18,334</b>	<b>100%</b>	<b>17,864</b>	<b>100%</b>	<b>18,503</b>	<b>100%</b>

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

	2020-21							
	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	6,184	79%	732	9%	899	12%	7,815	100%
Male	8,249	78%	1,090	10%	1,196	11%	10,535	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	128	84%	17	11%	8	5%	153	100%
<b>All</b>	<b>14,561</b>	<b>79%</b>	<b>1,839</b>	<b>10%</b>	<b>2,103</b>	<b>11%</b>	<b>18,503</b>	<b>100%</b>

2019-20

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	5,410	75%	857	12%	993	14%	7,260	100%
Male	7,419	71%	1,489	14%	1,576	15%	10,484	100%
Non-Binary	3	100%	0	0%	0	0%	3	100%
Not Reported	87	74%	12	10%	18	15%	117	100%
All	12,919	72%	2,358	13%	2,587	14%	17,864	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	5,190	69%	1,154	15%	1,144	15%	7,488	100%
Male	7,056	66%	2,002	19%	1,674	16%	10,732	100%
Non-Binary	3	75%	1	25%	0	0%	4	100%
Not Reported	69	64%	16	15%	23	21%	108	100%
All	12,318	67%	3,173	17%	2,841	15%	18,332	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	6,238	70%	1,466	16%	1,217	14%	8,921	100%
Male	7,861	64%	2,512	21%	1,854	15%	12,227	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	78	65%	21	18%	21	18%	120	100%
All	14,177	67%	3,999	19%	3,092	15%	21,268	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	6,586	68%	1,794	18%	1,331	14%	9,711	100%
Male	8,056	62%	2,745	21%	2,117	16%	12,918	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	105	67%	25	16%	26	17%	156	100%
All	14,747	65%	4,564	20%	3,474	15%	22,785	100%

Success Rates by Age

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

2020-21

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	5,063	81%	692	11%	531	8%	6,286	100%
20-24	6,784	78%	850	10%	1,040	12%	8,674	100%
25-39	2,388	76%	276	9%	464	15%	3,128	100%
40 +	326	79%	21	5%	68	16%	415	100%
All	14,561	79%	1,839	10%	2,103	11%	18,503	100%

2019-20

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	4,703	75%	841	13%	698	11%	6,242	100%
20-24	6,056	70%	1,185	14%	1,421	16%	8,662	100%
25-39	1,953	73%	308	11%	418	16%	2,679	100%
40 +	207	74%	24	9%	50	18%	281	100%
All	12,919	72%	2,358	13%	2,587	14%	17,864	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	4,339	72%	923	15%	735	12%	5,997	100%
20-24	5,954	64%	1,766	19%	1,555	17%	9,275	100%
25-39	1,826	66%	444	16%	484	18%	2,754	100%
40 +	199	65%	40	13%	67	22%	306	100%
All	12,318	67%	3,173	17%	2,841	15%	18,332	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	4,579	72%	1,133	18%	687	11%	6,399	100%

20-24	7,173	64%	2,311	21%	1,777	16%	11,261	100%
25-39	2,195	67%	517	16%	565	17%	3,277	100%
40 +	230	69%	38	11%	63	19%	331	100%
All	14,177	67%	3,999	19%	3,092	15%	21,268	100%

2016-17

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	5,070	69%	1,379	19%	892	12%	7,341	100%
20-24	7,375	62%	2,607	22%	1,942	16%	11,924	100%
25-39	2,042	65%	519	17%	578	18%	3,139	100%
40 +	260	68%	59	15%	62	16%	381	100%
All	14,747	65%	4,564	20%	3,474	15%	22,785	100%

Success Rates by Ethnicity

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

2020-21

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	391	67%	100	17%	93	16%	584	100%
Asian	7,755	87%	495	6%	705	8%	8,955	100%
Filipinx	877	74%	168	14%	144	12%	1,189	100%
Latinx	2,455	62%	749	19%	727	18%	3,931	100%
Native American	40	80%	4	8%	6	12%	50	100%
Pacific Islander	67	63%	21	20%	19	18%	107	100%
White	2,174	79%	227	8%	351	13%	2,752	100%
Decline to State	802	86%	75	8%	58	6%	935	100%
All	14,561	79%	1,839	10%	2,103	11%	18,503	100%

2019-20

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	335	62%	105	19%	104	19%	544	100%
Asian	7,445	80%	813	9%	1,009	11%	9,267	100%
Filipinx	727	70%	152	15%	158	15%	1,037	100%
Latinx	2,088	54%	899	23%	856	22%	3,843	100%
Native American	28	67%	8	19%	6	14%	42	100%
Pacific Islander	52	48%	24	22%	33	30%	109	100%
White	1,895	73%	298	12%	390	15%	2,583	100%
Decline to State	349	79%	59	13%	31	7%	439	100%
All	12,919	72%	2,358	13%	2,587	14%	17,864	100%

2018-19

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	281	51%	151	28%	116	21%	548	100%
Asian	7,017	75%	1,232	13%	1,083	12%	9,332	100%
Filipinx	700	62%	214	19%	207	18%	1,121	100%
Latinx	2,152	51%	1,101	26%	945	23%	4,198	100%
Native American	34	50%	17	25%	17	25%	68	100%
Pacific Islander	57	54%	28	26%	21	20%	106	100%
White	1,891	70%	393	14%	432	16%	2,716	100%
Decline to State	186	77%	37	15%	20	8%	243	100%
All	12,318	67%	3,173	17%	2,841	15%	18,332	100%

2017-18

	Success		Non Success		Withdrawn		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	470	57%	214	26%	134	16%	818	100%
Asian	7,248	74%	1,357	14%	1,179	12%	9,784	100%
Filipinx	873	63%	282	20%	237	17%	1,392	100%
Latinx	3,023	54%	1,547	28%	986	18%	5,556	100%
Native American	42	53%	20	25%	17	22%	79	100%
Pacific Islander	79	51%	42	27%	35	22%	156	100%
White	2,241	70%	493	15%	483	15%	3,217	100%
Decline to State	201	76%	44	17%	21	8%	266	100%
All	14,177	67%	3,999	19%	3,092	15%	21,268	100%

	2016-17							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>African American</b>	476	54%	231	26%	167	19%	874	100%
<b>Asian</b>	7,455	72%	1,632	16%	1,318	13%	10,405	100%
<b>Filipinx</b>	1,004	62%	364	22%	263	16%	1,631	100%
<b>Latinx</b>	3,210	54%	1,653	28%	1,121	19%	5,984	100%
<b>Native American</b>	42	57%	22	30%	10	14%	74	100%
<b>Pacific Islander</b>	87	51%	48	28%	35	21%	170	100%
<b>White</b>	2,182	67%	560	17%	525	16%	3,267	100%
<b>Decline to State</b>	291	77%	54	14%	35	9%	380	100%
<b>All</b>	14,747	65%	4,564	20%	3,474	15%	22,785	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.