FHDA Program Review

Enrollment Trends

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

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %lnc
Unduplicated Headcount	2,149	1,896	1,858	1,467	1,546	-28.1%
Census Enrollment	2,266	1,990	1,935	1,562	1,675	-26.1%
Sections	27	25	24	25	27	0.0%
WSCH	3,722	3,262	3,173	2,552	2,720	-26.9%
FTES (end of term)	246	216	210	169	180	-26.8%
FTEF (end of term)	4.1	3.8	3.5	3.3	3.2	-22.6%
Productivity (WSCH/FTEF)	900	868	902	769	850	-5.6%

Faculty Workload

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

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %lnc
Full Time Load	1.8	2.1	1.9	1.1	1.0	-45%
Full Time %	44.0%	55.0%	53.5%	33.4%	31.5%	-28%
Overload	0.9	1.1	0.9	0.3	0.3	-66%
Overload %	22.8%	28.4%	25.0%	7.8%	9.9%	-57%
Part Time Load	1.4	0.6	0.8	2.0	1.9	36%
Part Time %	33.3%	16.6%	21.4%	58.8%	58.6%	76%
Total FTEF	4.1	3.8	3.5	3.3	3.2	-23%

Course Success

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

	2016	2016-17		7-18	2018	3-19	2019	9-20	2020-21	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,800	79%	1,632	82%	1,554	80%	1,188	76%	1,212	72%
Non Success	265	12%	230	12%	231	12%	201	13%	330	20%
Withdrew	201	9%	128	6%	150	8%	173	11%	133	8%
Total	2,266	100%	1,990	100%	1,935	100%	1,562	100%	1,675	100%



Course Success by Race/Ethnicity

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

Course Success for African American, Latinx, and Filipinx Students

	2016	6-17	2017	7-18	2018	3-19	2019	9-20	2020)-21
	Grades	Percent								
Success	622	69%	531	72%	516	72%	451	69%	523	66%
Non Success	156	17%	127	17%	123	17%	115	17%	188	24%
Withdrew	124	14%	82	11%	79	11%	92	14%	80	10%
Total	902	100%	740	100%	718	100%	658	100%	791	100%

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

	2016-17		2017-18		2018-19		2019	9-20	2020-21	
'	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,178	86%	1,101	88%	1,038	85%	737	82%	689	78%
Non Success	109	8%	103	8%	108	9%	86	10%	142	16%
Withdrew	77	6%	46	4%	71	6%	81	9%	53	6%
Total	1,364	100%	1,250	100%	1,217	100%	904	100%	884	100%



Enr Distribution by Student Demographics

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

by Gender

	2010	6-17	201	7-18	201	8-19	201	9-20	2020)-21
	Enr	Percent								
Female	998	44%	829	42%	856	44%	648	41%	835	50%
Male	1,247	55%	1,149	58%	1,066	55%	903	58%	830	50%
Not Reported	21	1%	12	1%	13	1%	11	1%	10	1%
Total	2,266	100%	1,990	100%	1,935	100%	1,562	100%	1,675	100%

by Ethnicity

	201	6-17	201	7-18	201	8-19	201	9-20	2020	0-21
	Enr	Percent								
African American	94	4%	73	4%	68	4%	55	4%	57	3%
Asian	953	42%	897	45%	878	45%	602	39%	532	32%
Filipinx	168	7%	122	6%	107	6%	119	8%	115	7%
Latinx	640	28%	545	27%	543	28%	484	31%	619	37%
Native American	10	0%	4	0%	8	0%	7	0%	7	0%
Pacific Islander	19	1%	13	1%	15	1%	15	1%	12	1%
White	340	15%	308	15%	295	15%	239	15%	298	18%
Decline to State	42	2%	28	1%	21	1%	41	3%	35	2%
Total	2,266	100%	1,990	100%	1,935	100%	1,562	100%	1,675	100%

by Age

	2010	6-17	201	7-18	2018	8-19	2019	9-20	2020)-21
	Enr	Percent								
19 or less	702	31%	583	29%	640	33%	482	31%	467	28%
20-24	1,281	57%	1,133	57%	1,053	54%	824	53%	910	54%
25-39	250	11%	235	12%	211	11%	230	15%	255	15%
40 +	33	1%	39	2%	31	2%	26	2%	43	3%
Total	2,266	100%	1,990	100%	1,935	100%	1,562	100%	1,675	100%

by Education Level

	201	6-17	201	7-18	201	8-19	201	9-20	202	0-21
'	Enr	Percent								
Bachelor or higher	19	1%	35	2%	25	1%	24	2%	47	3%
Associate	22	1%	13	1%	17	1%	11	1%	20	1%
HS/Equivalent	2,041	90%	1,767	89%	1,741	90%	1,428	91%	1,521	91%
All Other	184	8%	175	9%	152	8%	99	6%	87	5%
Total	2,266	100%	1,990	100%	1,935	100%	1,562	100%	1,675	100%

Success Rates by Gender

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

				2020)-21			
	Succ	ess	Non Su	ccess	Withd	lrew	Tota	al
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	585	70%	177	21%	73	9%	835	100%
Male	617	74%	153	18%	60	7%	830	100%
Not Reported	10	100%	0	0%	0	0%	10	100%
All	1,212	72%	330	20%	133	8%	1,675	100%
				2019)-20			
	Succ	ess	Non Su	ccess	Withd	lrew	Tota	al
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	482	74%	90	14%	76	12%	648	100%
Male	698	77%	109	12%	96	11%	903	100%



25-39 40 +	28	65%	11	26%	4	9%	43	100%
25-39	171	01/01						
	171	67%	48	19%	36	14%	255	100%
20-24	648	71%	193	21%	69	8%	910	100%
19 or less	365	78%	78	17%	24	5%	467	100%
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen
	Succe	200	Non Suc	2020	-21 Withd	rew	Tota	al
Not Reported AII Fuccess Rates by Age HDA District->De Anza Co	19 1,800	90%	1 265	5% 12%	1 201	5% 9%	21 2,266	1009
Vlale	977	78%	160	13%	110	9%	1,247	1009
Female	804	81%	104	10%	90	9%	998	100
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percei
	Succ	Success		ccess	- 17 Withd	rew	Tota	al
	,,,,,			2016			-,	
All	1,632	82%	230	12%	128	6%	1,990	100
Not Reported	11	92%	0	0%	1	8%	1, 149	100
Male	933	81%	151	13%	65	6%	1,149	100
Female	Grades 688	Percent 83%	Grades 79	Percent 10%	Grades 62	Percent 7%	Grades 829	Perce
	Succ		Non Su		Withd		Tota	
	Cura		Non Cu	2017			Total	-1
All	1,554	80%	231	12%	150	8%	1,935	100
Not Reported	9	69%	2	15%	2	15%	13	100
Vlale	873	82%	123	12%	70	7%	1,066	100
Female	672	79%	106	12%	78	9%	856	100
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Perce
	Succ	ess	Non Su		Withd	rew	Tota	al
				2018	-19			
AII	1,188	76%	201	13%	173	11%	1,562	100
N III								

				2020	-21						
	Succe	SS	Non Suc	cess	Withdr	ew	Tota	al			
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen			
19 or less	365	78%	78	17%	24	5%	467	100%			
20-24	648	71%	193	21%	69	8%	910	100%			
25-39	171	67%	48	19%	36	14%	255	100%			
40 +	28	65%	11	26%	4	9%	43	100%			
All	1,212	72%	330	20%	133	8%	1,675	1009			
				2019	-20						
	Succe	SS	Non Suc	ccess	Withdr	ew	Tota	al			
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen			
19 or less	381	79%	60	12%	41	9%	482	1009			
20-24	624	76%	116	14%	84	10%	824	1009			
25-39	162	70%	24	10%	44	19%	230	1009			
40 +	21	81%	1	4%	4	15%	26	1009			
AII	1,188	76%	201	13%	173	11%	1,562	1009			
		2018-19									
	Succe		Non Suc		Withdr		Tota				
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percer			
19 or less	544	85%	69	11%	27	4%	640	1009			
20-24	835	79%	125	12%	93	9%	1,053	1009			
25-39	153	73%	34	16%	24	11%	211	1009			
40 +	22	71%	3	10%	6	19%	31	1009			
All	1,554	80%	231	12%	150	8%	1,935	1009			
				2017	-18						
	Succe		Non Suc		Withdr		Tota				
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percer			
19 or less	512	88%	50	9%	21	4%	583	100%			
20-24	901	80%	151	13%	81	7%	1,133	1009			
25-39	186	79%	27	11%	22	9%	235	1009			
40 +	33	85%	2	5%	4	10%	39	100%			
All	1,632	82%	230	12%	128	6%	1,990	1009			
				2016	-17						
						drew Total					
	Succe	SS	Non Suc	ccess	Withdr	ew	Tota	al			



19 or less	594	85%	62	9%	46	7%	702	100%
20-24	994	78%	172	13%	115	9%	1,281	100%
25-39	180	72%	31	12%	39	16%	250	100%
40 +	32	97%	0	0%	1	3%	33	100%
All	1,800	79%	265	12%	201	9%	2,266	100%

				2020	-21										
	Succ	ess	Non Suc	ccess		Withdrew		Total							
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent							
African American	39	68%	15	26%	3	5%	57	100%							
Asian	434	82%	64	12%	34	6%	532	100%							
Filipinx	76	66%	25	22%	14	12%	115	100%							
Latinx	408	66%	148	24%	63	10%	619	100%							
Native American	5	71%	1	14%	1	14%	7	100%							
Pacific Islander	7	58%	3	25%	2	17%	12	100%							
White	211	71%	71	24%	16	5%	298	100%							
Decline to State	32	91%	3	9%	0	0%	35	100%							
All	1,212	72%	330	20%	133	8%	1,675	100%							
				2019	-20										
	Succ	ess	Non Suc		Withd	rew	Total								
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen							
African American	30	55%	12	22%	13	24%	55	100%							
Asian	492	82%	52	9%	58	10%	602	100%							
Filipinx	86	72%	22	18%	11	9%	119	100%							
Latinx	335	69%	81	17%	68	14%	484	100%							
Native American	6	86%	1	14%	0	0%	7	100%							
Pacific Islander	13	87%	2	13%	0	0%	15	100%							
White	189	79%	27	11%	23	10%	239	100%							
Decline to State	37	90%	4	10%	0	0%	41	100%							
All	1,188	76%	201	13%	173	11%	1,562	100%							
	1,100	7 0 70	201	1070	110	1170	1,002	1007							
	2018-19														
	Succ	ess	Non Suc	ccess	Withd		Tota	al							
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percen							
African American	45	66%	15	22%	8	12%	68	100%							
Asian	758	86%	71	8%	49	6%	878	100%							
Filipinx	83	78%	15	14%	9	8%	107	100%							
Latinx	388	71%	93	17%	62	11%	543	100%							
Native American	5	63%	3	38%	0	0%	8	100%							
Pacific Islander	13	87%	2	13%	0	0%	15	100%							
\	244	83%	30	10%	21	7%	295	100%							
	4.00	86%	2	10%	1	5%	21	100%							
Decline to State	18			12%	150	8%	1,935	100%							
Decline to State	1,554	80%	231	12/0		I	2047.40								
Decline to State		80%	231	1	₋ 18	ı									
Decline to State	1,554	I		2017		I	Tota	al							
Decline to State	1,554 Succ	ess	Non Su	2017 ccess	Withd	rew	Tota Grades								
Decline to State All	1,554 Succ Grades	ess Percent	Non Sud Grades	2017 ccess Percent	Withd Grades	rew Percent	Grades	Percen							
Decline to State All African American	1,554 Succ Grades 39	ess Percent 53%	Non Suo Grades 19	2017 ccess Percent 26%	Withd Grades 15	rew Percent 21%	Grades 73	Percen							
Decline to State All African American Asian	1,554 Succ Grades 39 789	Percent 53% 88%	Non Suc Grades 19 75	2017 ccess Percent 26% 8%	Withd Grades	rew Percent 21% 4%	Grades 73 897	Percen 100% 100%							
Decline to State All African American Asian Filipinx	39 789 94	Percent 53% 88% 77%	Non Sud Grades 19 75 21	2017 ccess Percent 26% 8% 17%	Withd Grades 15 33 7	rew Percent 21% 4% 6%	73 897 122	Percen 100% 100% 100%							
Decline to State All African American Asian Filipinx Latinx	1,554 Succ Grades 39 789 94 398	Percent 53% 88% 77% 73%	Non Suc Grades 19 75 21 87	2017 ccess Percent 26% 8% 17% 16%	Withd Grades 15 33 7 60	rew Percent 21% 4% 6% 11%	73 897 122 545	Percen 100% 100% 100% 100%							
Decline to State All African American Asian Filipinx Latinx Native American	39 789 94 398	Percent 53% 88% 77% 73% 75%	Non Suc Grades 19 75 21 87	2017 ccess Percent 26% 8% 17% 16% 25%	Withd Grades 15 33 7 60 0	rew Percent 21% 4% 6% 11% 0%	73 897 122 545 4	100% 100% 100% 100% 100%							
Decline to State All African American Asian Filipinx Latinx Native American Pacific Islander	1,554 Succ Grades 39 789 94 398 3 10	Percent 53% 88% 77% 73% 75% 77%	Non Suc Grades 19 75 21 87 1	2017 ccess Percent 26% 8% 17% 16% 25% 8%	Withd Grades 15 33 7 60 0 2	rew Percent 21% 4% 6% 11% 0% 15%	73 897 122 545 4 13	Percen 100% 100% 100% 100% 100% 100%							
Decline to State All African American Asian Filipinx Latinx Native American Pacific Islander White	39 789 94 398 3 10 275	Percent 53% 88% 77% 73% 75% 77% 89%	Non Suc Grades 19 75 21 87 1 1	2017 ccess Percent 26% 8% 17% 16% 25% 8% 7%	Withd Grades 15 33 7 60 0 2 11	rew Percent 21% 4% 6% 11% 0% 15% 4%	73 897 122 545 4 13 308	Percent 100% 100% 100% 100% 100% 100% 100%							
Decline to State All African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State	39 789 94 398 3 10 275 24	Percent 53% 88% 77% 73% 75% 77% 89% 86%	Non Suc Grades 19 75 21 87 1 1 22 4	2017 ccess Percent 26% 8% 17% 16% 25% 8% 7% 14%	Withd Grades 15 33 7 60 0 2 11 0	rew Percent 21% 4% 6% 11% 0% 15% 4% 0%	73 897 122 545 4 13 308 28	Percen 100% 100% 100% 100% 100% 100% 100%							
Decline to State All African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State	39 789 94 398 3 10 275	Percent 53% 88% 77% 73% 75% 77% 89%	Non Suc Grades 19 75 21 87 1 1	2017 ccess Percent 26% 8% 17% 16% 25% 8% 7%	Withd Grades 15 33 7 60 0 2 11	rew Percent 21% 4% 6% 11% 0% 15% 4%	73 897 122 545 4 13 308	Percen 100% 100% 100% 100% 100% 100% 100%							
Decline to State All African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State	39 789 94 398 3 10 275 24	Percent 53% 88% 77% 73% 75% 77% 89% 86%	Non Suc Grades 19 75 21 87 1 1 22 4	2017 ccess Percent 26% 8% 17% 16% 25% 8% 7% 14%	Withd Grades 15 33 7 60 0 2 11 0 128	rew Percent 21% 4% 6% 11% 0% 15% 4% 0%	73 897 122 545 4 13 308 28	Percen 100% 100% 100% 100% 100% 100% 100%							
Decline to State All African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State	39 789 94 398 3 10 275 24	Percent 53% 88% 77% 73% 75% 77% 89% 86% 82%	Non Suc Grades 19 75 21 87 1 1 22 4	2017 ccess Percent 26% 8% 17% 16% 25% 8% 7% 14% 12%	Withd Grades 15 33 7 60 0 2 11 0 128 -17 Withd	rew Percent 21% 4% 6% 11% 0% 15% 4% 6%	73 897 122 545 4 13 308 28 1,990	Percen 100% 100% 100% 100% 100% 100% 100% 100							
Decline to State All African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State All	1,554 Succ Grades 39 789 94 398 3 10 275 24 1,632	Percent 53% 88% 77% 73% 75% 77% 89% 86% 82%	Non Suc Grades 19 75 21 87 1 1 22 4 230	2017 ccess Percent 26% 8% 17% 16% 25% 8% 7% 14% 12% 2016 ccess Percent	Withd Grades 15 33 7 60 0 2 11 0 128	rew Percent 21% 4% 6% 11% 0% 15% 4% 0% 6% rew Percent	73 897 122 545 4 13 308 28 1,990	Percen 100% 100% 100% 100% 100% 100% 100% 100							
White Decline to State All African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State All African American	1,554 Succ Grades 39 789 94 398 3 10 275 24 1,632 Succ	Percent 53% 88% 77% 73% 75% 77% 89% 86% 82%	Non Suc Grades 19 75 21 87 1 1 22 4 230 Non Suc	2017 ccess Percent 26% 8% 17% 16% 25% 8% 7% 14% 12% 2016 ccess	Withd Grades 15 33 7 60 0 2 11 0 128 -17 Withd	rew Percent 21% 4% 6% 11% 0% 15% 4% 6%	73 897 122 545 4 13 308 28 1,990	Percent 100% 100% 100% 100% 100% 100% 100% 100							
Decline to State All African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State All	39 789 94 398 3 10 275 24 1,632 Succ	Percent 53% 88% 77% 73% 75% 77% 89% 86% 82% Percent	Non Suc Grades 19 75 21 87 1 1 22 4 230 Non Suc	2017 ccess Percent 26% 8% 17% 16% 25% 8% 7% 14% 12% 2016 ccess Percent	Withd Grades 15 33 7 60 0 2 11 0 128 -17 Withd Grades	rew Percent 21% 4% 6% 11% 0% 15% 4% 0% 6% rew Percent	73 897 122 545 4 13 308 28 1,990 Tota	Percent 100% 100% 100% 100% 100% 100% 100% 100							
Decline to State All African American Asian Filipinx Latinx Native American Pacific Islander White Decline to State All African American	39 789 94 398 3 10 275 24 1,632 Succ Grades 59	Percent 53% 88% 77% 73% 75% 77% 89% 86% 82% Percent 63%	Non Suc Grades 19 75 21 87 1 1 22 4 230 Non Suc Grades 19	2017 ccess Percent 26% 8% 17% 16% 25% 8% 7% 14% 12% 2016 ccess Percent 20%	Withd Grades 15 33 7 60 0 2 11 0 128 -17 Withd Grades 16	rew Percent 21% 4% 6% 11% 0% 15% 4% 0% 6% 17%	73 897 122 545 4 13 308 28 1,990 Tota Grades	Percent 100% 100% 100% 100% 100% 100% 100%							



FHDA Program Review

Native American	8	80%	0	0%	2	20%	10	100%
Pacific Islander	15	79%	2	11%	2	11%	19	100%
White	290	85%	24	7%	26	8%	340	100%
Decline to State	41	98%	1	2%	0	0%	42	100%
All	1,800	79%	265	12%	201	9%	2,266	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.

