

FHDA Program Review

Enrollment Trends

FHDA District->De Anza College->Applied Technologies->Design & Manufacturing Tech-DA

	2017-18	2018-19	2019-20	2020-21	2021-22	5-yr %Inc
Unduplicated Headcount	583	570	525	414	346	-40.7%
Census Enrollment	1,396	1,530	1,255	875	870	-37.7%
Sections	98	117	108	88	109	11.2%
WSCH	3,475	3,713	3,079	2,095	2,058	-40.8%
FTEs (end of term)	232	247	205	140	137	-40.9%
FTEF (end of term)	6.3	6.5	5.9	4.3	5.4	-14.1%
Productivity (WSCH/FTEF)	554	573	524	491	382	-31.0%

Faculty Workload

FHDA District->De Anza College->Applied Technologies->Design & Manufacturing Tech-DA

	2017-18	2018-19	2019-20	2020-21	2021-22	5-yr %Inc
Full Time Load	2.8	2.7	2.7	2.3	2.7	-4%
Full Time %	45.1%	42.3%	46.8%	54.1%	50.5%	12%
Overload	1.0	1.5	1.3	0.6	1.1	13%
Overload %	15.6%	22.6%	22.3%	13.1%	20.4%	31%
Part Time Load	2.5	2.3	1.8	1.4	1.6	-36%
Part Time %	39.3%	35.1%	30.9%	33.0%	29.1%	-26%
Total FTEF	6.3	6.5	5.9	4.3	5.4	-14%

Course Success

FHDA District->De Anza College->Applied Technologies->Design & Manufacturing Tech-DA

	2017-18		2018-19		2019-20		2020-21		2021-22	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,039	74%	1,162	76%	961	77%	649	74%	696	80%
Non Success	192	14%	224	15%	159	13%	110	13%	85	10%
Withdrew	165	12%	144	9%	134	11%	116	13%	89	10%
Total	1,396	100%	1,530	100%	1,254	100%	875	100%	870	100%

Course Success for African American, Latinx, and Filipinx Students

	2017-18		2018-19		2019-20		2020-21		2021-22	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	257	70%	281	74%	245	75%	169	68%	176	75%
Non Success	70	19%	61	16%	41	13%	44	18%	34	15%
Withdrew	38	10%	37	10%	42	13%	37	15%	24	10%
Total	365	100%	379	100%	328	100%	250	100%	234	100%

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

	2017-18		2018-19		2019-20		2020-21		2021-22	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	782	76%	881	77%	716	77%	480	77%	520	82%
Non Success	122	12%	163	14%	118	13%	66	11%	51	8%
Withdrew	127	12%	107	9%	92	10%	79	13%	65	10%
Total	1,031	100%	1,151	100%	926	100%	625	100%	636	100%

Enr Distribution by Student Demographics

by Gender

	2017-18		2018-19		2019-20		2020-21		2021-22	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	197	14%	227	15%	157	13%	101	12%	70	8%
Male	1,187	85%	1,281	84%	1,076	86%	755	86%	767	88%
Non-Binary	0	0%	0	0%	0	0%	1	0%	0	0%
Unknown	12	1%	22	1%	22	2%	18	2%	33	4%
Total	1,396	100%	1,530	100%	1,255	100%	875	100%	870	100%

by Ethnicity

	2017-18		2018-19		2019-20		2020-21		2021-22	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	28	2%	26	2%	28	2%	20	2%	5	1%
Asian	429	31%	504	33%	412	33%	294	34%	339	39%
Decline to State/Unknown	24	2%	39	3%	48	4%	19	2%	19	2%
Filipinx	59	4%	70	5%	64	5%	52	6%	56	6%
Latinx	278	20%	283	18%	236	19%	178	20%	173	20%
Native American	11	1%	25	2%	7	1%	12	1%	2	0%
Pacific Islander	3	0%	5	0%	7	1%	3	0%	0	0%
White	564	40%	578	38%	453	36%	297	34%	276	32%
Total	1,396	100%	1,530	100%	1,255	100%	875	100%	870	100%

Success Rates by Gender

	2021-22									
	Success		Non Success		Withdrew		Total			
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	45	64%	12	17%	13	19%	70	100%		

2021-22

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Male	619	81%	72	9%	76	10%	767	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Unknown	32	97%	1	3%	0	0%	33	100%
All	696	80%	85	10%	89	10%	870	100%

2020-21

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	69	68%	7	7%	25	25%	101	100%
Male	565	75%	101	13%	89	12%	755	100%
Non-Binary	0	0%	0	0%	1	100%	1	100%
Unknown	15	83%	2	11%	1	6%	18	100%
All	649	74%	110	13%	116	13%	875	100%

2019-20

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	115	73%	20	13%	22	14%	157	100%
Male	829	77%	135	13%	111	10%	1,075	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Unknown	17	77%	4	18%	1	5%	22	100%
All	961	77%	159	13%	134	11%	1,254	100%

2018-19

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	175	77%	26	11%	26	11%	227	100%
Male	971	76%	195	15%	115	9%	1,281	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Unknown	16	73%	3	14%	3	14%	22	100%
All	1,162	76%	224	15%	144	9%	1,530	100%

2017-18

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	150	76%	23	12%	24	12%	197	100%
Male	881	74%	167	14%	139	12%	1,187	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Unknown	8	67%	2	17%	2	17%	12	100%
All	1,039	74%	192	14%	165	12%	1,396	100%

Success Rates by Ethnicity

FHDA District->De Anza College->Applied Technologies->Design & Manufacturing Tech-DA

2021-22

	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	1	20%	2	40%	2	40%	5	100%
Asian	280	83%	21	6%	38	11%	339	100%
Decline to State/Unknown	13	68%	3	16%	3	16%	19	100%
Filipinx	49	88%	4	7%	3	5%	56	100%
Latinx	126	73%	28	16%	19	11%	173	100%
Native American	0	0%	1	50%	1	50%	2	100%
Pacific Islander	0	N/A	0	N/A	0	N/A	0	100%

2021-22

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
White	227	82%	26	9%	23	8%	276	100%
All	696	80%	85	10%	89	10%	870	100%

2020-21

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	12	60%	4	20%	4	20%	20	100%
Asian	222	76%	23	8%	49	17%	294	100%
Decline to State/Unknown	15	79%	1	5%	3	16%	19	100%
Filipinx	39	75%	8	15%	5	10%	52	100%
Latinx	118	66%	32	18%	28	16%	178	100%
Native American	6	50%	5	42%	1	8%	12	100%
Pacific Islander	3	100%	0	0%	0	0%	3	100%
White	234	79%	37	12%	26	9%	297	100%
All	649	74%	110	13%	116	13%	875	100%

2019-20

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	19	68%	7	25%	2	7%	28	100%
Asian	327	79%	48	12%	37	9%	412	100%
Decline to State/Unknown	30	63%	6	13%	12	25%	48	100%
Filipinx	47	73%	7	11%	10	16%	64	100%
Latinx	179	76%	27	11%	30	13%	236	100%
Native American	2	29%	4	57%	1	14%	7	100%
Pacific Islander	4	57%	3	43%	0	0%	7	100%
White	353	78%	57	13%	42	9%	452	100%
All	961	77%	159	13%	134	11%	1,254	100%

2018-19

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	19	73%	6	23%	1	4%	26	100%
Asian	387	77%	66	13%	51	10%	504	100%
Decline to State/Unknown	26	67%	8	21%	5	13%	39	100%
Filipinx	49	70%	7	10%	14	20%	70	100%
Latinx	213	75%	48	17%	22	8%	283	100%
Native American	16	64%	7	28%	2	8%	25	100%
Pacific Islander	3	60%	0	0%	2	40%	5	100%
White	449	78%	82	14%	47	8%	578	100%
All	1,162	76%	224	15%	144	9%	1,530	100%

2017-18

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	21	75%	2	7%	5	18%	28	100%
Asian	306	71%	57	13%	66	15%	429	100%
Decline to State/Unknown	21	88%	1	4%	2	8%	24	100%
Filipinx	44	75%	10	17%	5	8%	59	100%
Latinx	192	69%	58	21%	28	10%	278	100%
Native American	8	73%	2	18%	1	9%	11	100%
Pacific Islander	3	100%	0	0%	0	0%	3	100%
White	444	79%	62	11%	58	10%	564	100%
All	1,039	74%	192	14%	165	12%	1,396	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.