

FHDA Program Review

Enrollment Trends

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

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %Inc
Unduplicated Headcount	590	583	570	525	414	-29.8%
Census Enrollment	1,551	1,396	1,530	1,255	875	-43.6%
Sections	103	98	117	108	88	-14.6%
WSCH	3,757	3,475	3,713	3,079	2,095	-44.2%
FTEs (end of term)	250	232	247	205	140	-44.0%
FTEF (end of term)	6.7	6.3	6.5	5.9	4.3	-36.3%
Productivity (WSCH/FTEF)	561	554	573	524	491	-12.4%

Faculty Workload

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

	2016-17	2017-18	2018-19	2019-20	2020-21	5-yr %Inc
Full Time Load	3.1	2.8	2.7	2.7	2.3	-25%
Full Time %	45.7%	45.1%	42.3%	46.8%	54.1%	18%
Overload	1.0	1.0	1.5	1.3	0.6	-46%
Overload %	15.4%	15.6%	22.6%	22.3%	13.1%	-15%
Part Time Load	2.6	2.5	2.3	1.8	1.4	-46%
Part Time %	38.9%	39.3%	35.1%	30.9%	33.0%	-15%
Total FTEF	6.7	6.3	6.5	5.9	4.3	-36%

Course Success

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

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,248	80%	1,039	74%	1,162	76%	961	77%	649	74%
Non Success	171	11%	192	14%	224	15%	159	13%	110	13%
Withdrew	132	9%	165	12%	144	9%	134	11%	116	13%
Total	1,551	100%	1,396	100%	1,530	100%	1,254	100%	875	100%

Course Success by Race/Ethnicity

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

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	333	75%	257	70%	281	74%	245	75%	169	68%
Non Success	63	14%	70	19%	61	16%	41	13%	44	18%
Withdrew	48	11%	38	10%	37	10%	42	13%	37	15%
Total	444	100%	365	100%	379	100%	328	100%	250	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	915	83%	782	76%	881	77%	716	77%	480	77%
Non Success	108	10%	122	12%	163	14%	118	13%	66	11%
Withdrew	84	8%	127	12%	107	9%	92	10%	79	13%
Total	1,107	100%	1,031	100%	1,151	100%	926	100%	625	100%

Enr Distribution by Student Demographics
 FHDA District->De Anza College->Applied Technologies->Design & Manufacturing Tech-DA

by Gender

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	169	11%	197	14%	227	15%	157	13%	101	12%
Male	1,364	88%	1,187	85%	1,281	84%	1,076	86%	755	86%
Non-Binary	0	0%	0	0%	0	0%	0	0%	1	0%
Not Reported	18	1%	12	1%	22	1%	22	2%	18	2%
Total	1,551	100%	1,396	100%	1,530	100%	1,255	100%	875	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	49	3%	28	2%	26	2%	28	2%	20	2%
Asian	460	30%	429	31%	504	33%	412	33%	294	34%
Filipinx	63	4%	59	4%	70	5%	64	5%	52	6%
Latinx	332	21%	278	20%	283	18%	236	19%	178	20%
Native American	22	1%	11	1%	25	2%	7	1%	12	1%
Pacific Islander	11	1%	3	0%	5	0%	7	1%	3	0%
White	589	38%	564	40%	578	38%	453	36%	297	34%
Decline to State	25	2%	24	2%	39	3%	48	4%	19	2%
Total	1,551	100%	1,396	100%	1,530	100%	1,255	100%	875	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	52	3%	45	3%	62	4%	78	6%	63	7%
20-24	336	22%	296	21%	286	19%	257	20%	189	22%
25-39	688	44%	666	48%	683	45%	588	47%	405	46%
40 +	475	31%	389	28%	499	33%	332	26%	218	25%
Total	1,551	100%	1,396	100%	1,530	100%	1,255	100%	875	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	507	33%	488	35%	553	36%	393	31%	268	31%
Associate	74	5%	90	6%	78	5%	57	5%	40	5%
HS/Equivalent	897	58%	753	54%	801	52%	671	53%	483	55%
All Other	73	5%	65	5%	98	6%	134	11%	84	10%
Total	1,551	100%	1,396	100%	1,530	100%	1,255	100%	875	100%

Success Rates by Gender
 FHDA District->De Anza College->Applied Technologies->Design & Manufacturing Tech-DA

	2020-21							
	Success		Non Success		Withdrawn		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%
Not Reported	15	83%	2	11%	1	6%	18	100%
All	649	74%	110	13%	116	13%	875	100%

	2019-20							
	Success		Non Success		Withdrawn		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%
Not Reported	15	83%	2	11%	1	6%	18	100%
All	649	74%	110	13%	116	13%	875	100%

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%
Not Reported	17	77%	4	18%	1	5%	22	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
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%
Not Reported	16	73%	3	14%	3	14%	22	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
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%
Not Reported	8	67%	2	17%	2	17%	12	100%
All	1,039	74%	192	14%	165	12%	1,396	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	139	82%	16	9%	14	8%	169	100%
Male	1,096	80%	153	11%	115	8%	1,364	100%
Non-Binary	0	N/A	0	N/A	0	N/A	0	100%
Not Reported	13	72%	2	11%	3	17%	18	100%
All	1,248	80%	171	11%	132	9%	1,551	100%

Success Rates by Age

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

2020-21

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	46	73%	10	16%	7	11%	63	100%
20-24	132	70%	26	14%	31	16%	189	100%
25-39	319	79%	46	11%	40	10%	405	100%
40 +	152	70%	28	13%	38	17%	218	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
19 or less	59	76%	12	15%	7	9%	78	100%
20-24	174	68%	40	16%	43	17%	257	100%
25-39	475	81%	72	12%	41	7%	588	100%
40 +	253	76%	35	11%	43	13%	331	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
19 or less	40	65%	13	21%	9	15%	62	100%
20-24	199	70%	56	20%	31	11%	286	100%
25-39	526	77%	101	15%	56	8%	683	100%
40 +	397	80%	54	11%	48	10%	499	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
19 or less	38	84%	2	4%	5	11%	45	100%
20-24	221	75%	45	15%	30	10%	296	100%
25-39	474	71%	108	16%	84	13%	666	100%

40 +	306	79%	37	10%	46	12%	389	100%
All	1,039	74%	192	14%	165	12%	1,396	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	44	85%	6	12%	2	4%	52	100%
20-24	261	78%	49	15%	26	8%	336	100%
25-39	563	82%	65	9%	60	9%	688	100%
40 +	380	80%	51	11%	44	9%	475	100%
All	1,248	80%	171	11%	132	9%	1,551	100%

Success Rates by Ethnicity

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

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%
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%
Decline to State	15	79%	1	5%	3	16%	19	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%
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%
Decline to State	30	63%	6	13%	12	25%	48	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%
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%
Decline to State	26	67%	8	21%	5	13%	39	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%
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%
Decline to State	21	88%	1	4%	2	8%	24	100%
All	1,039	74%	192	14%	165	12%	1,396	100%

2016-17

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	39	80%	6	12%	4	8%	49	100%
Asian	377	82%	46	10%	37	8%	460	100%
Filipinx	51	81%	7	11%	5	8%	63	100%
Latinx	243	73%	50	15%	39	12%	332	100%
Native American	19	86%	3	14%	0	0%	22	100%
Pacific Islander	5	45%	0	0%	6	55%	11	100%
White	495	84%	58	10%	36	6%	589	100%
Decline to State	19	76%	1	4%	5	20%	25	100%
All	1,248	80%	171	11%	132	9%	1,551	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.