

FHDA Program Review

Applied Technologies > Design & Manufacturing Tech-DA

Enrollment Trends

Applied Technologies > Design & Manufacturing Tech-DA

	2015-16	2016-17	2017-18	2018-19	2019-20	5-yr %Inc
↗Unduplicated Headcount	543	590	583	570	525	-3.3%
↗Census Enrollment	1,508	1,551	1,396	1,530	1,255	-16.8%
↗Sections	92	103	98	117	108	17.4%
↗WSCH	3,698	3,757	3,475	3,713	3,079	-16.7%
↗FTEs (end of term)	247	250	232	247	205	-16.9%
↗FTEF (end of term)	6.6	6.7	6.3	6.5	5.9	-11.1%
↗Productivity (WSCH/FTEF)	560	561	554	573	524	-6.4%

Faculty Workload

Applied Technologies > Design & Manufacturing Tech-DA

	2015-16	2016-17	2017-18	2018-19	2019-20	5-yr %Inc
Full Time Load	2.2	3.1	2.8	2.7	2.8	23%
Full Time %	33.8%	45.7%	45.1%	42.3%	46.8%	39%
Overload	1.3	1.0	1.0	1.5	1.3	3%
Overload %	19.1%	15.4%	15.6%	22.6%	22.2%	16%
Part Time Load	3.1	2.6	2.5	2.3	1.8	-41%
Part Time %	47.1%	38.9%	39.3%	35.1%	31.0%	-34%
Total FTEF	6.6	6.7	6.3	6.5	5.9	-11%

Course Success

Applied Technologies > Design & Manufacturing Tech-DA

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,214	81%	1,248	80%	1,039	74%	1,162	76%	961	77%
Non Success	171	11%	171	11%	192	14%	224	15%	159	13%
Withdrew	123	8%	132	9%	165	12%	144	9%	134	11%
Total	1,508	100%	1,551	100%	1,396	100%	1,530	100%	1,254	100%

Course Success for African American, Latinx, and Filipinx Students

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	287	73%	333	75%	257	70%	281	74%	245	75%
Non Success	65	17%	63	14%	70	19%	61	16%	40	12%
Withdrew	39	10%	48	11%	38	10%	37	10%	43	13%
Total	391	100%	444	100%	365	100%	379	100%	328	100%

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

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	927	83%	915	83%	782	76%	881	77%	716	77%
Non Success	106	9%	108	10%	122	12%	163	14%	119	13%
Withdrew	84	8%	84	8%	127	12%	107	9%	91	10%
Total	1,117	100%	1,107	100%	1,031	100%	1,151	100%	926	100%

by Gender

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	96	6%	169	11%	197	14%	227	15%	157	13%
Male	1,399	93%	1,364	88%	1,187	85%	1,281	84%	1,075	86%
Not Reported	13	1%	18	1%	12	1%	22	1%	23	2%
Total	1,508	100%	1,551	100%	1,396	100%	1,530	100%	1,255	100%

by Ethnicity

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	26	2%	49	3%	28	2%	26	2%	28	2%
Asian	476	32%	460	30%	429	31%	504	33%	408	33%
Filipinx	48	3%	63	4%	59	4%	70	5%	64	5%
Latinx	317	21%	332	21%	278	20%	283	18%	236	19%
Native American	7	0%	22	1%	11	1%	25	2%	7	1%
Pacific Islander	16	1%	11	1%	3	0%	5	0%	7	1%
White	559	37%	589	38%	564	40%	578	38%	451	36%
Decline to State	59	4%	25	2%	24	2%	39	3%	54	4%
Total	1,508	100%	1,551	100%	1,396	100%	1,530	100%	1,255	100%

by Age

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
19 or less	27	2%	52	3%	45	3%	62	4%	78	6%
20-24	298	20%	336	22%	296	21%	286	19%	257	20%
25-39	716	47%	688	44%	666	48%	683	45%	588	47%
40 +	467	31%	475	31%	389	28%	499	33%	332	26%
Total	1,508	100%	1,551	100%	1,396	100%	1,530	100%	1,255	100%

by Education Level

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Bachelor or higher	430	29%	507	33%	488	35%	553	36%	393	31%
Associate	62	4%	74	5%	90	6%	78	5%	57	5%
HS/Equivalent	934	62%	897	58%	753	54%	801	52%	671	53%
All Other	82	5%	73	5%	65	5%	98	6%	134	11%
Total	1,508	100%	1,551	100%	1,396	100%	1,530	100%	1,255	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.

		2019-20							
		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female		115	73%	20	13%	22	14%	157	100%
Male		829	77%	134	12%	111	10%	1,074	100%
Not Reported		17	74%	5	22%	1	4%	23	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%
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%
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%
Not Reported		13	72%	2	11%	3	17%	18	100%
All		1,248	80%	171	11%	132	9%	1,551	100%

		2015-16							
		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female		76	79%	9	9%	11	11%	96	100%
Male		1,128	81%	161	12%	110	8%	1,399	100%
Not Reported		10	77%	1	8%	2	15%	13	100%
All		1,214	81%	171	11%	123	8%	1,508	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%

	2015-16							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	24	89%	2	7%	1	4%	27	100%
20-24	218	73%	47	16%	33	11%	298	100%
25-39	567	79%	84	12%	65	9%	716	100%
40 +	405	87%	38	8%	24	5%	467	100%
All	1,214	81%	171	11%	123	8%	1,508	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	323	79%	48	12%	37	9%	408	100%
Filipinx	47	73%	7	11%	10	16%	64	100%
Latinx	179	76%	26	11%	31	13%	236	100%
Native American	2	29%	4	57%	1	14%	7	100%
Pacific Islander	4	57%	3	43%	0	0%	7	100%
White	354	79%	57	13%	39	9%	450	100%
Decline to State	33	61%	7	13%	14	26%	54	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%

2015-16

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	17	65%	5	19%	4	15%	26	100%
Asian	388	82%	51	11%	37	8%	476	100%
Filipinx	35	73%	8	17%	5	10%	48	100%
Latinx	235	74%	52	16%	30	9%	317	100%
Native American	4	57%	0	0%	3	43%	7	100%
Pacific Islander	13	81%	1	6%	2	13%	16	100%
White	467	84%	50	9%	42	8%	559	100%
Decline to State	55	93%	4	7%	0	0%	59	100%
All	1,214	81%	171	11%	123	8%	1,508	100%