

FHDA Program Review

Applied Technologies > Design & Manufacturing Tech-DA

Enrollment Trends

Applied Technologies > Design & Manufacturing Tech-DA

	2014-15	2015-16	2016-17	2017-18	2018-19	5-yr %Inc
↗Unduplicated Headcount	387	543	590	583	570	47.3%
↗Census Enrollment	1,018	1,508	1,551	1,396	1,530	50.3%
↗Sections	59	92	103	98	117	98.3%
↗WSCH	2,529	3,698	3,757	3,475	3,713	46.8%
↗FTEs (end of term)	169	247	250	232	247	46.8%
↗FTEF (end of term)	5.0	6.6	6.7	6.3	6.5	29.5%
↗Productivity (WSCH/FTEF)	506	560	561	554	573	13.4%

Faculty Workload

Applied Technologies > Design & Manufacturing Tech-DA

	2014-15	2015-16	2016-17	2017-18	2018-19	5-yr %Inc
Full Time Load	1.0	2.2	3.1	2.8	2.7	173%
Full Time %	20.0%	33.8%	45.7%	45.1%	42.3%	111%
Overload	1.0	1.3	1.0	1.0	1.5	41%
Overload %	20.8%	19.1%	15.4%	15.6%	22.6%	9%
Part Time Load	3.0	3.1	2.6	2.5	2.3	-23%
Part Time %	59.1%	47.1%	38.9%	39.3%	35.1%	-41%
Total FTEF	5.0	6.6	6.7	6.3	6.5	29%

Course Success

Applied Technologies > Design & Manufacturing Tech-DA

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	865	85%	1,214	81%	1,248	80%	1,039	74%	1,162	76%
Non Success	102	10%	171	11%	171	11%	192	14%	224	15%
Withdrew	51	5%	123	8%	132	9%	165	12%	144	9%
Total	1,018	100%	1,508	100%	1,551	100%	1,396	100%	1,530	100%

Course Success for African American, Latinx, and Filipinx Students

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	192	74%	287	73%	333	75%	257	70%	281	74%
Non Success	50	19%	65	17%	63	14%	70	19%	61	16%
Withdrew	16	6%	39	10%	48	11%	38	10%	37	10%
Total	258	100%	391	100%	444	100%	365	100%	379	100%

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

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	673	89%	927	83%	915	83%	782	76%	881	77%
Non Success	52	7%	106	9%	108	10%	122	12%	163	14%
Withdrew	35	5%	84	8%	84	8%	127	12%	107	9%
Total	760	100%	1,117	100%	1,107	100%	1,031	100%	1,151	100%

by Gender

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	29	3%	96	6%	169	11%	197	14%	227	15%
Male	975	96%	1,399	93%	1,364	88%	1,187	85%	1,281	84%
Not Reported	14	1%	13	1%	18	1%	12	1%	22	1%
Total	1,018	100%	1,508	100%	1,551	100%	1,396	100%	1,530	100%

by Ethnicity

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	27	3%	26	2%	49	3%	28	2%	26	2%
Asian	341	33%	476	32%	460	30%	429	31%	504	33%
Filipinx	35	3%	48	3%	63	4%	59	4%	70	5%
Latinx	196	19%	317	21%	332	21%	278	20%	283	18%
Native American	5	0%	7	0%	22	1%	11	1%	25	2%
Pacific Islander	1	0%	16	1%	11	1%	3	0%	5	0%
White	400	39%	559	37%	589	38%	564	40%	578	38%
Decline to State	13	1%	59	4%	25	2%	24	2%	39	3%
Total	1,018	100%	1,508	100%	1,551	100%	1,396	100%	1,530	100%

by Age

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
19 or less	33	3%	27	2%	52	3%	45	3%	62	4%
20-24	277	27%	298	20%	336	22%	296	21%	286	19%
25-39	425	42%	716	47%	688	44%	666	48%	683	45%
40 +	283	28%	467	31%	475	31%	389	28%	499	33%
Total	1,018	100%	1,508	100%	1,551	100%	1,396	100%	1,530	100%

by Education Level

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Bachelor or higher	230	23%	430	29%	507	33%	488	35%	553	36%
Associate	74	7%	62	4%	74	5%	90	6%	78	5%
HS/Equivalent	656	64%	934	62%	897	58%	753	54%	801	52%
All Other	58	6%	82	5%	73	5%	65	5%	98	6%
Total	1,018	100%	1,508	100%	1,551	100%	1,396	100%	1,530	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.

		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%

		2014-15							
		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female		24	83%	5	17%	0	0%	29	100%
Male		829	85%	96	10%	50	5%	975	100%
Not Reported		12	86%	1	7%	1	7%	14	100%
All		865	85%	102	10%	51	5%	1,018	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%	

2014-15									
	Success		Non Success		Withdrew		Total		
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	
19 or less	24	73%	7	21%	2	6%	33	100%	
20-24	233	84%	26	9%	18	6%	277	100%	
25-39	354	83%	47	11%	24	6%	425	100%	
40 +	254	90%	22	8%	7	2%	283	100%	
All	865	85%	102	10%	51	5%	1,018	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%

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	21	78%	5	19%	1	4%	27	100%
Asian	299	88%	26	8%	16	5%	341	100%
Filipinx	27	77%	6	17%	2	6%	35	100%
Latinx	144	73%	39	20%	13	7%	196	100%
Native American	3	60%	1	20%	1	20%	5	100%
Pacific Islander	0	0%	1	100%	0	0%	1	100%
White	360	90%	23	6%	17	4%	400	100%
Decline to State	11	85%	1	8%	1	8%	13	100%
All	865	85%	102	10%	51	5%	1,018	100%