

# FHDA Program Review

Limits: **Term** **Type** Summer Fall Winter Spring Early Summer

Enrollment Trends Manufacturing & CNC Techn-DA					
	2012-13	2013-14	2014-15	2015-16	4-yr %Inc
Unduplicated Headcount	438	402	387	109	-75.1%
Enrollment	1,105	1,114	1,018	111	-90.0%
Sections	43	51	59	7	-83.7%
WSCH	8,140	8,471	7,586	749	-90.8%
FTES	181	188	169	17	-90.7%
FTEF	4.9	5.1	5.0	0.4	-91.0%
Productivity	549	558	506	561	2.2%

Faculty Workload Manufacturing & CNC Techn-DA					
	2012-13	2013-14	2014-15	2015-16	4-yr %Inc
Full Time Load	1.8	1.8	1.0	0.0	-100%
Full Time %	35.8%	35.0%	20.0%	0.0%	-100%
Overload	1.7	1.8	1.0	0.0	-100%
Overload %	34.8%	35.4%	20.8%	0.0%	-100%
Part Time Load	1.5	1.5	3.0	0.4	-69%
Part Time %	29.4%	29.6%	59.1%	100.0%	240%
Total FTEF	4.9	5.1	5.0	0.4	-91%

Course Success Manufacturing & CNC Techn-DA								
	2012-13		2013-14		2014-15		2015-16	
	Grades	Percent	Grades	Percent	Grades	Percent		
Success	929	84%	927	83%	865	85%	104	94%
Non Success	108	10%	107	10%	102	10%	5	5%
Withdrew	68	6%	80	7%	51	5%	2	2%
Total	1,105	100%	1,114	100%	1,018	100%	111	100%

Course Success by Targeted Ethnic Group  
Manufacturing & CNC Techn-DA

Course Success for Targeted Groups

	2012-13		2013-14		2014-15		2015-16	
	Grades	Percent	Grades	Percent	Grades	Percent		
Success	317	81%	245	82%	192	74%	31	89%
Non Success	43	11%	31	10%	50	19%	2	6%
Withdrew	29	7%	22	7%	16	6%	2	6%
Total	389	100%	298	100%	258	100%	35	100%

Course Success for Not Targeted Groups

	2012-13		2013-14		2014-15		2015-16	
	Grades	Percent	Grades	Percent	Grades	Percent		
Success	612	85%	682	84%	673	89%	73	96%
Non Success	65	9%	76	9%	52	7%	3	4%
Withdrew	39	5%	58	7%	35	5%	0	0%
Total	716	100%	816	100%	760	100%	76	100%

Enrollment Distribution by Student Demographics  
Manufacturing & CNC Techn-DA

by Gender

	2012-13		2013-14		2014-15		2015-16	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Female	137	12%	69	6%	43	4%	10	9%
Male	968	88%	1,045	94%	975	96%	101	91%
Total	1,105	100%	1,114	100%	1,018	100%	111	100%

by Ethnicity

	2012-13		2013-14		2014-15		2015-16	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
African American	61	6%	57	5%	27	3%	2	2%
Asian	272	25%	316	28%	341	33%	34	31%
Filipino	44	4%	33	3%	35	3%	1	1%
Latino/a	284	26%	208	19%	196	19%	32	29%
Native American	4	0%	8	1%	5	0%	0	0%
Pacific Islander	1	0%	7	1%	1	0%	1	1%
White	401	36%	448	40%	400	39%	38	34%
Decline to State	38	3%	37	3%	13	1%	3	3%
Total	1,105	100%	1,114	100%	1,018	100%	111	100%

by Age

	2012-13		2013-14		2014-15		2015-16	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
19 or less	55	5%	24	2%	33	3%	0	0%
20-24	221	20%	219	20%	277	27%	23	21%
25-39	437	40%	471	42%	425	42%	52	47%
40 +	392	35%	400	36%	283	28%	36	32%
Total	1,105	100%	1,114	100%	1,018	100%	111	100%

by Education Level

	2012-13		2013-14		2014-15		2015-16	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
Bachelor or higher	232	21%	310	28%	230	23%	28	25%
Associate	90	8%	108	10%	74	7%	3	3%
HS/Equivalent	670	61%	620	56%	656	64%	70	63%
All Other	113	10%	76	7%	58	6%	10	9%
Total	1,105	100%	1,114	100%	1,018	100%	111	100%

Success Rates by Gender  
Manufacturing & CNC Techn-DA

2015-16								
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	10	100%	0	0%	0	0%	10	100%
Male	94	93%	5	5%	2	2%	101	100%
All	104	94%	5	5%	2	2%	111	100%

2014-15								
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	36	84%	6	14%	1	2%	43	100%
Male	829	85%	96	10%	50	5%	975	100%
All	865	85%	102	10%	51	5%	1,018	100%

2013-14								
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	57	83%	2	3%	10	14%	69	100%
Male	870	83%	105	10%	70	7%	1,045	100%
All	927	83%	107	10%	80	7%	1,114	100%

2012-13								
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	121	88%	10	7%	6	4%	137	100%
Male	808	83%	98	10%	62	6%	968	100%
All	929	84%	108	10%	68	6%	1,105	100%

Success Rates by Age  
Manufacturing & CNC Techn-DA

2015-16								
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	0	N/A	0	N/A	0	N/A	0	100%
20-24	20	87%	2	9%	1	4%	23	100%
25-39	48	92%	3	6%	1	2%	52	100%
40 +	36	100%	0	0%	0	0%	36	100%
All	104	94%	5	5%	2	2%	111	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%

2013-14								
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	20	83%	4	17%	0	0%	24	100%
20-24	178	81%	29	13%	12	5%	219	100%
25-39	407	86%	39	8%	25	5%	471	100%
40 +	322	81%	35	9%	43	11%	400	100%
All	927	83%	107	10%	80	7%	1,114	100%

2012-13								
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	47	85%	6	11%	2	4%	55	100%
20-24	187	85%	21	10%	13	6%	221	100%
25-39	354	81%	53	12%	30	7%	437	100%
40 +	341	87%	28	7%	23	6%	392	100%
All	929	84%	108	10%	68	6%	1,105	100%

**Success Rates by Ethnicity**  
 Manufacturing & CNC Techn-DA

2015-16								
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	2	100%	0	0%	0	0%	2	100%
Asian	34	100%	0	0%	0	0%	34	100%
Filipino	1	100%	0	0%	0	0%	1	100%
Latino/a	28	88%	2	6%	2	6%	32	100%
Native American	0	N/A	0	N/A	0	N/A	0	100%
Pacific Islander	0	0%	1	100%	0	0%	1	100%
White	36	95%	2	5%	0	0%	38	100%
Decline to State	3	100%	0	0%	0	0%	3	100%
All	104	94%	5	5%	2	2%	111	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%
Filipino	27	77%	6	17%	2	6%	35	100%
Latino/a	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%
2013-14								
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	42	74%	9	16%	6	11%	57	100%
Asian	270	85%	25	8%	21	7%	316	100%
Filipino	33	100%	0	0%	0	0%	33	100%
Latino/a	170	82%	22	11%	16	8%	208	100%
Native American	6	75%	2	25%	0	0%	8	100%
Pacific Islander	6	86%	1	14%	0	0%	7	100%
White	367	82%	45	10%	36	8%	448	100%
Decline to State	33	89%	3	8%	1	3%	37	100%
All	927	83%	107	10%	80	7%	1,114	100%
2012-13								
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	49	80%	8	13%	4	7%	61	100%
Asian	221	81%	31	11%	20	7%	272	100%
Filipino	37	84%	1	2%	6	14%	44	100%
Latino/a	231	81%	34	12%	19	7%	284	100%
Native American	2	50%	1	25%	1	25%	4	100%
Pacific Islander	1	100%	0	0%	0	0%	1	100%
White	353	88%	32	8%	16	4%	401	100%
Decline to State	35	92%	1	3%	2	5%	38	100%
All	929	84%	108	10%	68	6%	1,105	100%