

# FHDA Program Review

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

## Enrollment Trends Engineering-FD

	2012-13	2013-14	2014-15	2015-16	4-yr %Inc
<b>Unduplicated Headcount</b>	183	258	428	411	124.6%
<b>Enrollment</b>	286	393	677	638	123.1%
<b>Sections</b>	15	19	40	35	133.3%
<b>WSCH</b>	1,700	2,380	3,818	3,607	112.2%
<b>FTES</b>	38	53	86	81	113.9%
<b>FTEF</b>	1.9	2.2	4.1	3.8	105.2%
<b>Productivity</b>	303	357	314	314	3.4%

## Faculty Workload Engineering-FD

	2012-13	2013-14	2014-15	2015-16	4-yr %Inc
<b>Full Time Load</b>	0.9	1.2	1.5	1.1	19%
<b>Full Time %</b>	48.8%	52.6%	36.0%	28.3%	-42%
<b>Overload</b>	0.1	0.2	0.1	0.0	-100%
<b>Overload %</b>	5.9%	8.9%	2.7%	0.0%	-100%
<b>Part Time Load</b>	0.8	0.9	2.5	2.7	225%
<b>Part Time %</b>	45.3%	38.5%	61.2%	71.7%	58%
<b>Total FTEF</b>	1.9	2.2	4.1	3.8	105%

## Course Success Engineering-FD

	2012-13		2013-14		2014-15		2015-16	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>Success</b>	237	83%	337	86%	553	82%	522	82%
<b>Non Success</b>	25	9%	34	9%	75	11%	60	9%
<b>Withdrew</b>	24	8%	22	6%	49	7%	56	9%
<b>Total</b>	286	100%	393	100%	677	100%	638	100%

**Course Success by Targeted Ethnic Group**  
Engineering-FD

**Course Success for Targeted Groups**

	<b>2012-13</b>		<b>2013-14</b>		<b>2014-15</b>		<b>2015-16</b>	
	<b>Grades</b>	<b>Percent</b>	<b>Grades</b>	<b>Percent</b>	<b>Grades</b>	<b>Percent</b>		
<b>Success</b>	37	73%	54	73%	97	73%	101	74%
<b>Non Success</b>	11	22%	14	19%	27	20%	24	18%
<b>Withdrew</b>	3	6%	6	8%	9	7%	11	8%
<b>Total</b>	51	100%	74	100%	133	100%	136	100%

**Course Success for Not Targeted Groups**

	<b>2012-13</b>		<b>2013-14</b>		<b>2014-15</b>		<b>2015-16</b>	
	<b>Grades</b>	<b>Percent</b>	<b>Grades</b>	<b>Percent</b>	<b>Grades</b>	<b>Percent</b>		
<b>Success</b>	200	85%	283	89%	456	84%	421	84%
<b>Non Success</b>	14	6%	20	6%	48	9%	36	7%
<b>Withdrew</b>	21	9%	16	5%	40	7%	45	9%
<b>Total</b>	235	100%	319	100%	544	100%	502	100%

**Enrollment Distribution by Student Demographics**  
Engineering-FD

by Gender

	2012-13		2013-14		2014-15		2015-16	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
<b>Female</b>	40	14%	72	18%	144	21%	137	21%
<b>Male</b>	246	86%	321	82%	533	79%	501	79%
<b>Total</b>	286	100%	393	100%	677	100%	638	100%

by Ethnicity

	2012-13		2013-14		2014-15		2015-16	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
<b>African American</b>	9	3%	10	3%	28	4%	16	3%
<b>Asian</b>	118	41%	150	38%	280	41%	216	34%
<b>Filipino</b>	8	3%	5	1%	15	2%	27	4%
<b>Latino/a</b>	34	12%	59	15%	90	13%	93	15%
<b>Native American</b>	1	0%	3	1%	3	0%	2	0%
<b>Pacific Islander</b>	1	0%	3	1%	7	1%	5	1%
<b>White</b>	101	35%	120	31%	180	27%	206	32%
<b>Decline to State</b>	14	5%	43	11%	74	11%	73	11%
<b>Total</b>	286	100%	393	100%	677	100%	638	100%

by Age

	2012-13		2013-14		2014-15		2015-16	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
<b>19 or less</b>	43	15%	71	18%	127	19%	121	19%
<b>20-24</b>	176	62%	249	63%	382	56%	346	54%
<b>25-39</b>	59	21%	62	16%	143	21%	148	23%
<b>40 +</b>	8	3%	11	3%	25	4%	23	4%
<b>Total</b>	286	100%	393	100%	677	100%	638	100%

by Education Level

	2012-13		2013-14		2014-15		2015-16	
	Enr	Percent	Enr	Percent	Enr	Percent	Enr	Percent
<b>Bachelor or higher</b>	21	7%	19	5%	69	10%	69	11%
<b>Associate</b>	14	5%	14	4%	27	4%	14	2%
<b>HS/Equivalent</b>	213	74%	290	74%	510	75%	506	79%
<b>All Other</b>	38	13%	70	18%	71	10%	49	8%
<b>Total</b>	286	100%	393	100%	677	100%	638	100%

**Success Rates by Gender**  
Engineering-FD

**2015-16**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>Female</b>	113	82%	11	8%	13	9%	137	100%
<b>Male</b>	409	82%	49	10%	43	9%	501	100%
<b>All</b>	522	82%	60	9%	56	9%	638	100%

**2014-15**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>Female</b>	127	88%	11	8%	6	4%	144	100%
<b>Male</b>	426	80%	64	12%	43	8%	533	100%
<b>All</b>	553	82%	75	11%	49	7%	677	100%

**2013-14**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>Female</b>	65	90%	4	6%	3	4%	72	100%
<b>Male</b>	272	85%	30	9%	19	6%	321	100%
<b>All</b>	337	86%	34	9%	22	6%	393	100%

**2012-13**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>Female</b>	30	75%	5	13%	5	13%	40	100%
<b>Male</b>	207	84%	20	8%	19	8%	246	100%
<b>All</b>	237	83%	25	9%	24	8%	286	100%

**Success Rates by Age**  
Engineering-FD

**2015-16**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>19 or less</b>	105	87%	6	5%	10	8%	121	100%
<b>20-24</b>	276	80%	40	12%	30	9%	346	100%
<b>25-39</b>	121	82%	13	9%	14	9%	148	100%
<b>40 +</b>	20	87%	1	4%	2	9%	23	100%
<b>All</b>	522	82%	60	9%	56	9%	638	100%

**2014-15**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>19 or less</b>	108	85%	12	9%	7	6%	127	100%
<b>20-24</b>	315	82%	45	12%	22	6%	382	100%
<b>25-39</b>	113	79%	15	10%	15	10%	143	100%
<b>40 +</b>	17	68%	3	12%	5	20%	25	100%
<b>All</b>	553	82%	75	11%	49	7%	677	100%

**2013-14**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>19 or less</b>	63	89%	3	4%	5	7%	71	100%
<b>20-24</b>	214	86%	24	10%	11	4%	249	100%
<b>25-39</b>	51	82%	7	11%	4	6%	62	100%
<b>40 +</b>	9	82%	0	0%	2	18%	11	100%
<b>All</b>	337	86%	34	9%	22	6%	393	100%

**2012-13**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>19 or less</b>	38	88%	3	7%	2	5%	43	100%
<b>20-24</b>	145	82%	18	10%	13	7%	176	100%
<b>25-39</b>	47	80%	3	5%	9	15%	59	100%
<b>40 +</b>	7	88%	1	13%	0	0%	8	100%
<b>All</b>	237	83%	25	9%	24	8%	286	100%

**Success Rates by Ethnicity**  
Engineering-FD

**2015-16**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>African American</b>	9	56%	5	31%	2	13%	16	100%
<b>Asian</b>	180	83%	13	6%	23	11%	216	100%
<b>Filipino</b>	24	89%	2	7%	1	4%	27	100%
<b>Latino/a</b>	68	73%	17	18%	8	9%	93	100%
<b>Native American</b>	2	100%	0	0%	0	0%	2	100%
<b>Pacific Islander</b>	4	80%	0	0%	1	20%	5	100%
<b>White</b>	169	82%	18	9%	19	9%	206	100%
<b>Decline to State</b>	66	90%	5	7%	2	3%	73	100%
<b>All</b>	522	82%	60	9%	56	9%	638	100%

**2014-15**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>African American</b>	21	75%	6	21%	1	4%	28	100%
<b>Asian</b>	237	85%	20	7%	23	8%	280	100%
<b>Filipino</b>	9	60%	4	27%	2	13%	15	100%
<b>Latino/a</b>	67	74%	17	19%	6	7%	90	100%
<b>Native American</b>	2	67%	0	0%	1	33%	3	100%
<b>Pacific Islander</b>	6	86%	1	14%	0	0%	7	100%
<b>White</b>	146	81%	20	11%	14	8%	180	100%
<b>Decline to State</b>	65	88%	7	9%	2	3%	74	100%
<b>All</b>	553	82%	75	11%	49	7%	677	100%

**2013-14**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>African American</b>	6	60%	2	20%	2	20%	10	100%
<b>Asian</b>	138	92%	5	3%	7	5%	150	100%
<b>Filipino</b>	3	60%	1	20%	1	20%	5	100%
<b>Latino/a</b>	45	76%	11	19%	3	5%	59	100%
<b>Native American</b>	3	100%	0	0%	0	0%	3	100%
<b>Pacific Islander</b>	2	67%	1	33%	0	0%	3	100%
<b>White</b>	101	84%	11	9%	8	7%	120	100%
<b>Decline to State</b>	39	91%	3	7%	1	2%	43	100%
<b>All</b>	337	86%	34	9%	22	6%	393	100%

**2012-13**

	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
<b>African American</b>	6	67%	3	33%	0	0%	9	100%
<b>Asian</b>	98	83%	8	7%	12	10%	118	100%
<b>Filipino</b>	7	88%	1	13%	0	0%	8	100%
<b>Latino/a</b>	24	71%	7	21%	3	9%	34	100%
<b>Native American</b>	1	100%	0	0%	0	0%	1	100%
<b>Pacific Islander</b>	1	100%	0	0%	0	0%	1	100%
<b>White</b>	91	90%	4	4%	6	6%	101	100%
<b>Decline to State</b>	9	64%	2	14%	3	21%	14	100%
<b>All</b>	237	83%	25	9%	24	8%	286	100%