

PROGRAM REVIEW DATA

10/19/15

Foothill College

Engineering-FD

Physical Scienc, Math & Engin

Enrollment Trends

	2012-13	2013-14	2014-15	1 yr % Inc
Unduplicated Headcount	183	258	428	65.9%
Enrollment	286	393	677	72.3%
Sections	15	19	40	110.5%
WSCH	1,700	2,380	3,818	60.4%
FTEF	38	53	85	60.4%
FTEF	1.9	2.2	4.1	82.5%
Productivity	303	357	314	-12.1%

Full and Part Time Faculty Load

	2012-13	2013-14	2014-15	1 yr % Inc
Full Time Load	0.9	1.2	1.5	25.1%
Full Time %	49%	53%	36%	-31.4%
Overload	0.1	0.2	0.1	-44.2%
Overload %	6%	9%	3%	-69.4%
Part Time Load	0.8	0.9	2.5	190.3%
Part Time %	45%	38%	61%	59.1%
Total FTEF	1.9	2.2	4.1	82.5%

Course Success

	All Students					
	2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	237	83%	337	86%	553	82%
Non Success	25	9%	34	9%	75	11%
Withdrew	24	8%	22	6%	49	7%
Total	286	100%	393	100%	677	100%

Release/Re-assignTime

	2012-13	2013-14	1 yr % Inc
	FTEF	FTEF	FTEF
Non Teaching	1.00	0.56	-43.8%
Total	1.00	0.56	-43.8%

Course Success by Targeted Ethnic Groups

	Targeted Groups					
	2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	37	73%	54	73%	97	73%
Non Success	11	22%	14	19%	27	20%
Withdrew	3	6%	6	8%	9	7%
Total	51	100%	74	100%	133	100%

	Not Targeted Groups					
	2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	200	85%	283	89%	456	84%
Non Success	14	6%	20	6%	48	9%
Withdrew	21	9%	16	5%	40	7%
Total	235	100%	319	100%	544	100%

Distribution by Ethnicity

	2014-15	
	Enr	Percent
African American	28	4%
Asian	280	41%
Filipino	15	2%
Latino/a	90	13%
Native American	3	0%
Pacific Islander	7	1%
White	180	27%
Decline to State	74	11%
Total	677	100%

Gender

	2014-15	
	Enr	Percent
Female	144	21%
Male	533	79%
Total	677	100%

Age

	2014-15	
	Enr	Percent
19 or less	127	19%
20-24	382	56%
25-39	143	21%
40 +	25	4%
Total	677	100%

Highest Degree

	2014-15	
	Enr	Percent
Bachelor or higher	69	10%
Associate	27	4%
HS/Equivalent	510	75%
All Other	71	10%
Total	677	100%

Success Rates by Gender

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	127	88%	11	8%	6	4%	144	100%
Male	426	80%	64	12%	43	8%	533	100%
Total	553	82%	75	11%	49	7%	677	100%

Success Rates by Age Group

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	108	85%	12	9%	7	6%	127	100%
20-24	315	82%	45	12%	22	6%	382	100%
25-39	113	79%	15	10%	15	10%	143	100%
40 +	17	68%	3	12%	5	20%	25	100%

Success Rates by Ethnicity (multiple years)

		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	2014-15	21	75%	6	21%	1	4%	28	100%
	2013-14	6	60%	2	20%	2	20%	10	100%
	2012-13	6	67%	3	33%			9	100%
Asian	2014-15	237	85%	20	7%	23	8%	280	100%
	2013-14	138	92%	5	3%	7	5%	150	100%
	2012-13	98	83%	8	7%	12	10%	118	100%
Filipino	2014-15	9	60%	4	27%	2	13%	15	100%
	2013-14	3	60%	1	20%	1	20%	5	100%
	2012-13	7	88%	1	13%			8	100%
Latino/a	2014-15	67	74%	17	19%	6	7%	90	100%
	2013-14	45	76%	11	19%	3	5%	59	100%
	2012-13	24	71%	7	21%	3	9%	34	100%
Native American	2014-15	2	67%			1	33%	3	100%
	2013-14	3	100%					3	100%
	2012-13	1	100%					1	100%
Pacific Islander	2014-15	6	86%	1	14%			7	100%
	2013-14	2	67%	1	33%			3	100%
	2012-13	1	100%					1	100%
White	2014-15	146	81%	20	11%	14	8%	180	100%
	2013-14	101	84%	11	9%	8	7%	120	100%
	2012-13	91	90%	4	4%	6	6%	101	100%
Decline to State	2014-15	65	88%	7	9%	2	3%	74	100%
	2013-14	39	91%	3	7%	1	2%	43	100%
	2012-13	9	64%	2	14%	3	21%	14	100%

Notes and Definitions

Data is for the fiscal year, including summer (and Foothill's early summer).

Figures include Apprenticeship.

Enrollment trends include students counted for apportionment for those report years.

Success data excludes students that dropped after census.

Ethnicity data prioritizes multi-ethnic students to targeted groups.

Gender data prioritizes unreported to female.

Cross-listed courses are included in home department.

WSCH:

Sum of quarterly
End-of-Term Weekly
Student Contact Hours. 4 Quarters.

FTES:

Fulltime equivalent students,
(WSCH * 11.67) / 525.

FTEF:

Sum of teaching load
factors for Summer, Fall, Winter,
and Spring quarters,
excluding all release/re-assignments.

FT and PT Load:

FT - Fulltime assignment types
0 and 3 (on load, paid and nonpaid).
PT - Parttime all other assignment types,
including 2 - overload.

Productivity:

4-term total WSCH /
4-term total FTEF,
excluding all release/re-assignments.

Success %:

Number of students
receiving an A,B,C or P
grade / total number of
students receiving a grade.

Targeted Groups:

African Americans, Latinos, Filipinos

Release / Re-assign Time:

NonTeaching - 994 - Sick Leave
Teaching: -
991 - BHES
995 - PDL
996 - Release-Division
999 - Faculty Release-Contractual

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Enrollment Trends by Course (multiple years)

			2012-13	2013-14	2014-15	1 yr. % Inc
ENGR	F006.	Enrollment	11	23	57	148%
		Productivity	164	343	286	-17%
	F010.	Enrollment	91	117	210	79%
		Productivity	455	438	452	3%
	F035.	Enrollment	49	71	73	3%
		Productivity	330	359	276	-23%
	F037.	Enrollment	52	56	94	68%
		Productivity	390	280	363	30%
	F037L	Enrollment	36	49	61	24%
		Productivity	308	243	229	-6%
	F039.	Enrollment	4			
		Productivity	52			
	F040.	Enrollment	6	9	17	89%
		Productivity	90	135	256	90%
	F045.	Enrollment	14	32	30	-6%
		Productivity	211	482	185	-62%
	F047.	Enrollment			14	
		Productivity			105	
	F049.	Enrollment	23	25	16	-36%
		Productivity	174	189	121	-36%
	F062A	Enrollment			13	
		Productivity			195	
	F070R	Enrollment		11	4	-64%
		Productivity		#INF	#INF	#NAN
	F071R	Enrollment			5	
		Productivity			#INF	
	F083A	Enrollment			30	
		Productivity			468	
	F083B	Enrollment			22	
		Productivity			330	
	F083C	Enrollment			16	
		Productivity			240	
	F083D	Enrollment			15	
		Productivity			225	

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Success Rates by Course (multiple years)

			Success		Non Success		Withdrew		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
ENGR	F006.	2014-15	41	72%	10	18%	6	11%	57	100%
		2013-14	18	78%	4	17%	1	4%	23	100%
		2012-13	8	73%	1	9%	2	18%	11	100%
	F010.	2014-15	184	88%	21	10%	5	2%	210	100%
		2013-14	103	88%	6	5%	8	7%	117	100%
		2012-13	75	82%	10	11%	6	7%	91	100%
	F035.	2014-15	57	78%	5	7%	11	15%	73	100%
		2013-14	54	76%	12	17%	5	7%	71	100%
		2012-13	38	78%	5	10%	6	12%	49	100%
	F037.	2014-15	71	76%	17	18%	6	6%	94	100%
		2013-14	50	89%	3	5%	3	5%	56	100%
		2012-13	40	77%	8	15%	4	8%	52	100%
	F037L	2014-15	54	89%	2	3%	5	8%	61	100%
		2013-14	47	96%	2	4%			49	100%
		2012-13	36	100%					36	100%
	F039.	2012-13	3	75%			1	25%	4	100%
	F040.	2014-15	7	41%	7	41%	3	18%	17	100%
		2013-14	7	78%	2	22%			9	100%
		2012-13	4	67%	1	17%	1	17%	6	100%
	F045.	2014-15	30	100%					30	100%
		2013-14	28	88%	2	6%	2	6%	32	100%
		2012-13	11	79%			3	21%	14	100%
	F047.	2014-15	9	64%	3	21%	2	14%	14	100%
	F049.	2014-15	13	81%	2	13%	1	6%	16	100%
		2013-14	20	80%	3	12%	2	8%	25	100%
		2012-13	22	96%			1	4%	23	100%
	F062A	2014-15	10	77%	2	15%	1	8%	13	100%
	F070R	2014-15	3	75%	1	25%			4	100%
		2013-14	10	91%			1	9%	11	100%
	F071R	2014-15	5	100%					5	100%
	F083A	2014-15	24	80%	1	3%	5	17%	30	100%
	F083B	2014-15	17	77%	2	9%	3	14%	22	100%
	F083C	2014-15	14	88%	1	6%	1	6%	16	100%
	F083D	2014-15	14	93%	1	7%			15	100%