

PROGRAM REVIEW DATA

10/28/14

Foothill College

Engineering-FD

Physical Scienc, Math & Engin

Enrollment Trends

	2011-2012	2012-2013	2013-2014	% Inc
Unduplicated Headcount	168	184	258	40.2%
Enrollment	247	289	393	36.0%
Sections	12	16	19	18.8%
WSCH	1,474	1,700	2,380	40.0%
FTES	33	38	53	40.0%
FTEF	1.5	1.9	2.2	19.1%
Productivity	335	303	357	17.6%

Full and Part Time Faculty Load

	2011-2012	2012-2013	2013-2014	% Inc
Full Time Load	1.0	0.9	1.2	28.3%
Full Time %	71%	49%	53%	7.7%
Overload	0.0	0.1	0.2	79.3%
Overload %	0%	6%	9%	50.5%
Part Time Load	0.4	0.8	0.9	1.3%
Part Time %	29%	45%	38%	-15.0%
Total FTEF	1.5	1.9	2.2	19.1%

Course Success

	All Students					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	194	80%	237	83%	337	86%
NonSuccess	28	12%	25	9%	34	9%
Withdraw	20	8%	24	8%	22	6%
Total	242	100%	286	100%	393	100%

Release/Re-assignTime

	2012-2013	2013-2014	% Inc
	FTEF	FTEF	FTEF
NonTeaching	0.33	0.19	-0.44
Total	0.33	0.19	-0.44

Course Success by Targeted Ethnic Groups

	Targeted Groups					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	24	63%	35	71%	52	73%
NonSuccess	12	32%	11	22%	13	18%
Withdraw	2	5%	3	6%	6	8%
Total	38	100%	49	100%	71	100%

	Not Targeted Groups					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	170	83%	202	85%	285	89%
NonSuccess	16	8%	14	6%	21	7%
Withdraw	18	9%	21	9%	16	5%
Total	204	100%	237	100%	322	100%

Distribution by Ethnicity

	2013-2014	
	Enr	Percent
African American	10	3%
Asian	150	38%
Decline to State	44	11%
Filipino	5	1%
Latino/a	56	14%
Native American	3	1%
Pacific Islander	3	1%
White	122	31%
Total	393	100%

Gender

	2013-2014	
	Enr	Percent
Female	72	18%
Male	321	82%
Total	393	100%

Age

	2013-2014	
	Enr	Percent
19 or less	69	18%
20-24	252	64%
25-39	61	16%
40 +	11	3%
Total	393	100%

Highest Degree

	2013-2014	
	Enr	Percent
BA/BS +	19	5%
AA/AS	14	4%
HS/Special Admit	1	0%
All Other	359	91%
Total	393	100%

Success Rates by Gender

	2013-2014							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	65	90%	4	6%	3	4%	72	100%
Male	272	85%	30	9%	19	6%	321	100%

Success Rates by Age Group

	2013-2014							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	60	87%	4	6%	5	7%	69	100%
20-24	219	87%	22	9%	11	4%	252	100%
25-39	49	80%	8	13%	4	7%	61	100%
40 +	9	82%			2	18%	11	100%

Success Rates by Ethnicity (multiple years)

		Success		NonSuccess		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2011-2012	3	75%			1	25%
	2012-2013	6	67%	3	33%			9	100%
	2013-2014	6	60%	2	20%	2	20%	10	100%
Asian	2011-2012	82	80%	13	13%	8	8%	103	100%
	2012-2013	98	83%	8	7%	12	10%	118	100%
	2013-2014	138	92%	5	3%	7	5%	150	100%
Decline to State	2011-2012	18	90%			2	10%	20	100%
	2012-2013	11	69%	2	13%	3	19%	16	100%
	2013-2014	40	91%	3	7%	1	2%	44	100%
Filipino	2011-2012	7	64%	4	36%			11	100%
	2012-2013	7	88%	1	13%			8	100%
	2013-2014	3	60%	1	20%	1	20%	5	100%
Latino/a	2011-2012	14	61%	8	35%	1	4%	23	100%
	2012-2013	22	69%	7	22%	3	9%	32	100%
	2013-2014	43	77%	10	18%	3	5%	56	100%
Native American	2012-2013	1	100%					1	100%
	2013-2014	3	100%					3	100%
Pacific Islander	2011-2012	2	100%					2	100%
	2012-2013	1	100%					1	100%
	2013-2014	2	67%	1	33%			3	100%
White	2011-2012	68	86%	3	4%	8	10%	79	100%
	2012-2013	91	90%	4	4%	6	6%	101	100%
	2013-2014	102	84%	12	10%	8	7%	122	100%

Notes and Definitions

Data is for the fiscal year, including summer (and Foothill's 2012 and 2013 early summer).

Figures include Apprenticeship.

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

Success data excludes students that dropped after census.

Ethnic data reporting prioritizes multi-ethnic students to targeted groups.

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)

		2011-2012	2012-2013	2013-2014	% Inc	
ENGR	F006.	Enrollment		11	23	109%
		Productivity		164	343	109%
	F010.	Enrollment	73	91	117	29%
		Productivity	373	455	438	-4%
	F035.	Enrollment	28	49	71	45%
		Productivity	420	330	359	9%
	F037.	Enrollment	51	52	56	8%
		Productivity	383	390	280	-28%
	F037L	Enrollment	29	36	49	36%
		Productivity	434	308	243	-21%
	F039.	Enrollment		7		-100%
		Productivity		52		-100%
	F040.	Enrollment	30	6	9	50%
		Productivity	224	90	135	50%
	F045.	Enrollment	20	14	32	129%
		Productivity	301	211	482	129%
	F049.	Enrollment	16	23	25	9%
		Productivity	121	174	189	9%
	F070R	Enrollment			11	
		Productivity			#INF	

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Success Rates by Course (multiple years)

			Success		NonSuccess		Withdraw		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
ENGR	F006.	2012-2013	8	73%	1	9%	2	18%	11	100%
		2013-2014	18	78%	4	17%	1	4%	23	100%
F010.		2011-2012	60	85%	6	8%	5	7%	71	100%
		2012-2013	75	82%	10	11%	6	7%	91	100%
		2013-2014	103	88%	6	5%	8	7%	117	100%
F035.		2011-2012	20	71%	5	18%	3	11%	28	100%
		2012-2013	38	78%	5	10%	6	12%	49	100%
		2013-2014	54	76%	12	17%	5	7%	71	100%
F037.		2011-2012	39	76%	7	14%	5	10%	51	100%
		2012-2013	40	77%	8	15%	4	8%	52	100%
		2013-2014	50	89%	3	5%	3	5%	56	100%
F037L		2011-2012	23	79%	2	7%	4	14%	29	100%
		2012-2013	36	100%					36	100%
		2013-2014	47	96%	2	4%			49	100%
F039.		2012-2013	3	75%			1	25%	4	100%
F040.		2011-2012	22	76%	5	17%	2	7%	29	100%
		2012-2013	4	67%	1	17%	1	17%	6	100%
		2013-2014	7	78%	2	22%			9	100%
F045.		2011-2012	16	84%	2	11%	1	5%	19	100%
		2012-2013	11	79%			3	21%	14	100%
		2013-2014	28	88%	2	6%	2	6%	32	100%
F049.		2011-2012	14	93%	1	7%			15	100%
		2012-2013	22	96%			1	4%	23	100%
		2013-2014	20	80%	3	12%	2	8%	25	100%
F070R		2013-2014	10	91%			1	9%	11	100%