

PROGRAM REVIEW DATA

10/28/14

Foothill College

Physics-FD

Physical Scienc, Math & Engin

Enrollment Trends

	2011-2012	2012-2013	2013-2014	% Inc
Unduplicated Headcount	832	878	890	1.4%
Enrollment	1,250	1,309	1,424	8.8%
Sections	56	61	68	11.5%
WSCH	9,268	9,428	9,949	5.5%
FTES	206	210	221	5.5%
FTEF	6.7	7.4	8.0	7.4%
Productivity	461	423	415	-1.7%

Full and Part Time Faculty Load

	2011-2012	2012-2013	2013-2014	% Inc
Full Time Load	2.1	2.7	2.7	-0.1%
Full Time %	32%	37%	34%	-7.0%
Overload	0.3	0.3	0.6	125.3%
Overload %	5%	4%	7%	109.8%
Part Time Load	4.2	4.4	4.6	5.0%
Part Time %	63%	59%	58%	-2.2%
Total FTEF	6.7	7.4	8.0	7.4%

Course Success

	All Students					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	833	69%	923	71%	1,009	71%
NonSuccess	168	14%	194	15%	219	15%
Withdrew	203	17%	190	15%	195	14%
Total	1,204	100%	1,307	100%	1,423	100%

Release/Re-assignTime

	2011-2012	% Inc
	FTEF	FTEF
Teaching	1.00	
Total	1.00	

Course Success by Targeted Ethnic Groups

	Targeted Groups					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	87	54%	128	63%	107	58%
NonSuccess	29	18%	34	17%	41	22%
Withdrew	44	28%	40	20%	38	20%
Total	160	100%	202	100%	186	100%

	Not Targeted Groups					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	746	71%	795	72%	902	73%
NonSuccess	139	13%	160	14%	178	14%
Withdrew	159	15%	150	14%	157	13%
Total	1,044	100%	1,105	100%	1,237	100%

Distribution by Ethnicity

	2013-2014	
	Enr	Percent
African American	24	2%
Asian	691	49%
Decline to State	153	11%
Filipino	23	2%
Latino/a	140	10%
Native American	4	0%
Pacific Islander	14	1%
White	375	26%
Total	1,424	100%

Gender

	2013-2014	
	Enr	Percent
Female	468	33%
Male	956	67%
Total	1,424	100%

Age

	2013-2014	
	Enr	Percent
19 or less	301	21%
20-24	873	61%
25-39	226	16%
40 +	24	2%
Total	1,424	100%

Highest Degree

	2013-2014	
	Enr	Percent
BA/BS +	112	8%
AA/AS	44	3%
HS/Special Admit	7	0%
All Other	1,261	89%
Total	1,424	100%

Success Rates by Gender

	2013-2014							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	331	71%	73	16%	63	13%	467	100%
Male	678	71%	146	15%	132	14%	956	100%

Success Rates by Age Group

	2013-2014							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	229	76%	36	12%	36	12%	301	100%
20-24	613	70%	147	17%	112	13%	872	100%
25-39	150	66%	32	14%	44	19%	226	100%
40 +	17	71%	4	17%	3	13%	24	100%

Success Rates by Ethnicity (multiple years)

		Success		NonSuccess		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2011-2012	13	62%	4	19%	4	19%
	2012-2013	17	63%	3	11%	7	26%	27	100%
	2013-2014	15	63%	4	17%	5	21%	24	100%
Asian	2011-2012	446	73%	78	13%	86	14%	610	100%
	2012-2013	478	72%	99	15%	89	13%	666	100%
	2013-2014	493	71%	96	14%	102	15%	691	100%
Decline to State	2011-2012	61	64%	18	19%	16	17%	95	100%
	2012-2013	60	68%	20	23%	8	9%	88	100%
	2013-2014	117	76%	26	17%	10	7%	153	100%
Filipino	2011-2012	20	49%	8	20%	13	32%	41	100%
	2012-2013	23	64%	7	19%	6	17%	36	100%
	2013-2014	14	61%	4	17%	5	22%	23	100%
Latino/a	2011-2012	54	55%	17	17%	27	28%	98	100%
	2012-2013	88	63%	24	17%	27	19%	139	100%
	2013-2014	78	56%	33	24%	28	20%	139	100%
Native American	2011-2012	3	43%	1	14%	3	43%	7	100%
	2012-2013	4	67%			2	33%	6	100%
	2013-2014	3	75%			1	25%	4	100%
Pacific Islander	2011-2012	5	100%					5	100%
	2012-2013	4	67%	1	17%	1	17%	6	100%
	2013-2014	12	86%	1	7%	1	7%	14	100%
White	2011-2012	231	71%	42	13%	54	17%	327	100%
	2012-2013	249	73%	40	12%	50	15%	339	100%
	2013-2014	277	74%	55	15%	43	11%	375	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
PHYS	F002A	Enrollment	296	332	319	-4%
		Productivity	572	488	415	-15%
	F002B	Enrollment	107	89	113	27%
		Productivity	322	241	284	18%
	F002C	Enrollment	62	50	51	2%
		Productivity	311	310	316	2%
	F004A	Enrollment	275	321	348	8%
		Productivity	470	453	520	15%
	F004B	Enrollment	211	243	264	9%
		Productivity	488	468	460	-2%
	F004C	Enrollment	124	148	133	-10%
		Productivity	364	359	280	-22%
	F004D	Enrollment	40	46	53	15%
		Productivity	439	505	582	15%
	F006.	Enrollment	18		22	
		Productivity	270		330	
	F012.	Enrollment	82	66	69	5%
		Productivity	1,231	991	1,036	5%
	F02AM	Enrollment		7	24	243%
		Productivity		53	182	243%
	F02BM	Enrollment			20	
		Productivity			152	
	F02CM	Enrollment		2	8	300%
		Productivity		30	121	300%
	F036.	Enrollment	6	5		-100%
		Productivity	#INF	104		-100%
	F100.	Enrollment	20			
		Productivity	#INF			
	F100X	Enrollment	5			
		Productivity	#INF			
	F100Y	Enrollment	4			
		Productivity	#INF			

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Success Rates by Course (multiple years)

			Success		NonSuccess		Withdraw		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
PHYS	F002A	2011-2012	176	63%	43	15%	61	22%	280	100%
		2012-2013	208	63%	63	19%	59	18%	330	100%
		2013-2014	192	60%	61	19%	66	21%	319	100%
F002B	F002B	2011-2012	83	81%	9	9%	11	11%	103	100%
		2012-2013	74	83%	12	13%	3	3%	89	100%
		2013-2014	93	82%	8	7%	12	11%	113	100%
F002C	F002C	2011-2012	60	97%	2	3%			62	100%
		2012-2013	49	98%			1	2%	50	100%
		2013-2014	47	92%	3	6%	1	2%	51	100%
F004A	F004A	2011-2012	166	63%	48	18%	49	19%	263	100%
		2012-2013	215	67%	51	16%	55	17%	321	100%
		2013-2014	212	61%	74	21%	61	18%	347	100%
F004B	F004B	2011-2012	112	54%	39	19%	58	28%	209	100%
		2012-2013	150	62%	50	21%	43	18%	243	100%
		2013-2014	192	73%	42	16%	30	11%	264	100%
F004C	F004C	2011-2012	100	84%	11	9%	8	7%	119	100%
		2012-2013	126	85%	10	7%	12	8%	148	100%
		2013-2014	113	85%	13	10%	7	5%	133	100%
F004D	F004D	2011-2012	33	89%	1	3%	3	8%	37	100%
		2012-2013	40	87%			6	13%	46	100%
		2013-2014	47	89%			6	11%	53	100%
F006.	F006.	2011-2012	12	67%	1	6%	5	28%	18	100%
		2013-2014	14	64%	4	18%	4	18%	22	100%
F012.	F012.	2011-2012	59	74%	13	16%	8	10%	80	100%
		2012-2013	50	76%	8	12%	8	12%	66	100%
		2013-2014	55	80%	10	14%	4	6%	69	100%
F02AM	F02AM	2012-2013	4	57%			3	43%	7	100%
		2013-2014	19	79%	1	4%	4	17%	24	100%
F02BM	F02BM	2013-2014	18	90%	2	10%			20	100%
F02CM	F02CM	2012-2013	2	100%					2	100%
		2013-2014	7	88%	1	13%			8	100%
F036.	F036.	2011-2012	6	100%					6	100%
		2012-2013	5	100%					5	100%
F100.	F100.	2011-2012	19	100%					19	100%
F100X	F100X	2011-2012	5	100%					5	100%
F100Y	F100Y	2011-2012	2	67%	1	33%			3	100%