

PROGRAM REVIEW DATA

10/01/13

Foothill College

Physics-FD

Physical Scienc, Math & Engin

Enrollment Trends

	2010-2011	2011-2012	2012-2013	% Inc
Unduplicated Headcount	880	832	878	5.5%
Enrollment	1,305	1,252	1,309	4.6%
Sections	53	57	61	7.0%
WSCH	11,925	9,268	9,428	1.7%
FTES	265	206	210	1.7%
FTEF	6.7	6.7	7.4	10.9%
Productivity	592	461	423	-8.3%

Full and Part Time Faculty Load

	2010-2011	2011-2012	2012-2013	% Inc
Full Time Load	1.7	2.1	2.7	28.0%
Full Time %	25%	32%	37%	15.4%
Overload	0.2	0.3	0.3	-14.5%
Overload %	3%	5%	4%	-22.9%
Part Time Load	4.8	4.2	4.4	4.1%
Part Time %	72%	63%	59%	-6.1%
Total FTEF	6.7	6.7	7.4	10.9%

Course Success

	All Students					
	2010-2011		2011-2012		2012-2013	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	941	76%	835	69%	921	71%
NonSuccess	147	12%	168	14%	196	15%
Withdrew	144	12%	203	17%	189	14%
Total	1,232	100%	1,206	100%	1,306	100%

Release/Re-assignTime

	2010-11 FTEF	2011-12 FTEF	% Inc FTEF
Teaching	0.67	1.00	50%
Total	0.67	1.00	50%

Course Success by Targeted Ethnic Groups

	Targeted Groups						Not Targeted Groups					
	2010-2011		2011-2012		2012-2013		2010-2011		2011-2012		2012-2013	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	86	62%	86	54%	124	62%	855	78%	749	71%	797	72%
NonSuccess	26	19%	29	18%	36	18%	121	11%	139	13%	160	14%
Withdrew	27	19%	43	27%	40	20%	117	11%	160	15%	149	13%
Total	139	100%	158	100%	200	100%	1,093	100%	1,048	100%	1,106	100%

Distribution by Ethnicity

	2012-2013	
	Enr	Percent
African American	26	2%
Asian	658	50%
Decline to State	96	7%
Filipino	36	3%
Latino/a	140	11%
Native American	6	0%
Pacific Islander	6	0%
White	341	26%
Total	1,309	100%

Gender

	2012-2013	
	Enr	Percent
Female	398	30%
Male	911	70%
Total	1,309	100%

Age

	2012-2013	
	Enr	Percent
19 or less	305	23%
20-24	732	56%
25-39	237	18%
40 +	35	3%
Total	1,309	100%

Highest Degree

	2012-2013	
	Enr	Percent
BA/BS +	120	9%
AA/AS	28	2%
HS/Special Admit	13	1%
All Other	1,148	88%
Total	1,309	100%

Success Rates by Gender

	2012-2013							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	278	70%	57	14%	62	16%	397	100%
Male	643	71%	139	15%	127	14%	909	100%

Success Rates by Age Group

	2012-2013							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	232	77%	45	15%	26	9%	303	100%
20-24	509	70%	113	15%	109	15%	731	100%
25-39	152	64%	36	15%	49	21%	237	100%
40 +	28	80%	2	6%	5	14%	35	100%

Success Rates by Ethnicity (multiple years)

		Success		NonSuccess		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2012-2013	16	62%	3	12%	7	27%
	2011-2012	6	46%	4	31%	3	23%	13	100%
	2010-2011	9	56%	4	25%	3	19%	16	100%
Asian	2012-2013	472	72%	97	15%	88	13%	657	100%
	2011-2012	437	73%	76	13%	85	14%	598	100%
	2010-2011	465	79%	63	11%	58	10%	586	100%
Decline to State	2012-2013	66	69%	21	22%	9	9%	96	100%
	2011-2012	77	67%	20	17%	18	16%	115	100%
	2010-2011	111	77%	12	8%	21	15%	144	100%
Filipino	2012-2013	23	64%	7	19%	6	17%	36	100%
	2011-2012	20	49%	8	20%	13	32%	41	100%
	2010-2011	23	72%			9	28%	32	100%
Latino/a	2012-2013	85	62%	26	19%	27	20%	138	100%
	2011-2012	60	58%	17	16%	27	26%	104	100%
	2010-2011	54	59%	22	24%	15	16%	91	100%
Native American	2012-2013	4	67%			2	33%	6	100%
	2011-2012	3	43%	1	14%	3	43%	7	100%
	2010-2011	2	40%	2	40%	1	20%	5	100%
Pacific Islander	2012-2013	4	67%	1	17%	1	17%	6	100%
	2011-2012	5	100%					5	100%
	2010-2011	3	60%	2	40%			5	100%
White	2012-2013	251	74%	41	12%	49	14%	341	100%
	2011-2012	227	70%	42	13%	54	17%	323	100%
	2010-2011	274	78%	42	12%	37	10%	353	100%

Notes and Definitions

Data is for the fiscal year, including summer (and Foothill's early summer in 2011-12).

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)

			2010-2011	2011-2012	2012-2013	% Inc
PHYS	F002A	Enrollment	296	296	332	12%
		Productivity	687	572	488	-15%
	F002B	Enrollment	122	107	89	-17%
		Productivity	534	322	241	-25%
	F002C	Enrollment	52	62	50	-19%
		Productivity	706	311	310	-0%
	F004A	Enrollment	349	275	321	17%
		Productivity	615	470	453	-4%
	F004B	Enrollment	179	211	243	15%
		Productivity	482	488	468	-4%
	F004C	Enrollment	140	124	148	19%
		Productivity	528	364	359	-1%
	F004D	Enrollment	38	40	46	15%
		Productivity	534	439	505	15%
	F006.	Enrollment	24	18		-100%
		Productivity	360	270		-100%
	F012.	Enrollment	94	82	66	-20%
		Productivity	1,411	1,231	991	-20%
	F02AM	Enrollment			7	
		Productivity			53	
	F02CM	Enrollment			2	
		Productivity			30	
	F034H	Enrollment	4			
		Productivity	61			
	F036.	Enrollment	4	8	5	-38%
		Productivity	#INF	#INF	104	#NAN
	F100.	Enrollment	2	20		-100%
		Productivity	#INF	#INF		#NAN
	F100X	Enrollment	1	5		-100%
		Productivity		#INF		#NAN
	F100Y	Enrollment		4		-100%
		Productivity		#INF		#NAN

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Success Rates by Course (multiple years)

			Success		NonSuccess		Withdraw		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
PHYS	F002A	2010-2011	221	79%	22	8%	36	13%	279	100%
		2011-2012	176	63%	43	15%	61	22%	280	100%
		2012-2013	208	63%	64	19%	59	18%	331	100%
F002B	2010-2011	101	84%	11	9%	8	7%	120	100%	
	2011-2012	83	81%	9	9%	11	11%	103	100%	
	2012-2013	73	84%	11	13%	3	3%	87	100%	
F002C	2010-2011	50	96%	2	4%			52	100%	
	2011-2012	60	97%	2	3%			62	100%	
	2012-2013	49	98%			1	2%	50	100%	
F004A	2010-2011	210	65%	54	17%	57	18%	321	100%	
	2011-2012	166	63%	48	18%	49	19%	263	100%	
	2012-2013	215	67%	52	16%	54	17%	321	100%	
F004B	2010-2011	130	76%	23	13%	19	11%	172	100%	
	2011-2012	112	54%	39	19%	58	28%	209	100%	
	2012-2013	150	62%	50	21%	43	18%	243	100%	
F004C	2010-2011	115	87%	13	10%	4	3%	132	100%	
	2011-2012	100	84%	11	9%	8	7%	119	100%	
	2012-2013	125	84%	11	7%	12	8%	148	100%	
F004D	2010-2011	31	86%	1	3%	4	11%	36	100%	
	2011-2012	33	89%	1	3%	3	8%	37	100%	
	2012-2013	40	87%			6	13%	46	100%	
F006.	2010-2011	12	63%	5	26%	2	11%	19	100%	
	2011-2012	12	67%	1	6%	5	28%	18	100%	
F012.	2010-2011	62	69%	15	17%	13	14%	90	100%	
	2011-2012	59	74%	13	16%	8	10%	80	100%	
	2012-2013	50	76%	8	12%	8	12%	66	100%	
F02AM	2012-2013	4	57%			3	43%	7	100%	
F02CM	2012-2013	2	100%					2	100%	
F034H	2010-2011	3	75%	1	25%			4	100%	
F036.	2010-2011	4	100%					4	100%	
	2011-2012	8	100%					8	100%	
	2012-2013	5	100%					5	100%	
F100.	2010-2011	2	100%					2	100%	
	2011-2012	19	100%					19	100%	
F100X	2010-2011					1	100%	1	100%	
	2011-2012	5	100%					5	100%	
F100Y	2011-2012	2	67%	1	33%			3	100%	

