

PROGRAM REVIEW DATA

10/27/14

Foothill College

Mathematics-FD

Physical Scienc, Math & Engin

Enrollment Trends

	2011-2012	2012-2013	2013-2014	% Inc
Unduplicated Headcount	5,362	5,584	5,661	1.4%
Enrollment	10,147	9,538	10,030	5.2%
Sections	265	272	289	6.3%
WSCH	50,817	51,465	53,329	3.6%
FTES	1,130	1,144	1,185	3.6%
FTEF	31.1	33.5	34.1	1.9%
Productivity	544	512	521	1.7%

Full and Part Time Faculty Load

	2011-2012	2012-2013	2013-2014	% Inc
Full Time Load	13.9	14.2	16.8	17.9%
Full Time %	45%	42%	49%	15.7%
Overload	5.1	4.0	3.9	-3.5%
Overload %	16%	12%	11%	-5.2%
Part Time Load	12.2	15.3	13.5	-11.6%
Part Time %	39%	46%	40%	-13.2%
Total FTEF	31.1	33.5	34.1	1.9%

Course Success

	All Students					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	5,736	59%	5,725	60%	6,058	60%
NonSuccess	2,404	25%	2,305	24%	2,557	26%
Withdrew	1,624	17%	1,494	16%	1,406	14%
Total	9,764	100%	9,524	100%	10,021	100%

Release/Re-assignTime

	2011-2012	2012-2013	2013-2014	% Inc
	FTEF	FTEF	FTEF	FTEF
NonTeaching	0.27	0.05		-100%
Teaching	3.44	1.68	1.00	-40%
Total	3.71	1.73	1.00	-42%

Course Success by Targeted Ethnic Groups

	Targeted Groups					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,382	48%	1,345	51%	1,371	48%
NonSuccess	883	31%	783	30%	957	34%
Withdrew	600	21%	513	19%	526	18%
Total	2,865	100%	2,641	100%	2,854	100%

	Not Targeted Groups					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	4,354	63%	4,380	64%	4,687	65%
NonSuccess	1,521	22%	1,522	22%	1,600	22%
Withdrew	1,024	15%	981	14%	880	12%
Total	6,899	100%	6,883	100%	7,167	100%

Distribution by Ethnicity

	2013-2014	
	Enr	Percent
African American	404	4%
Asian	2,968	30%
Decline to State	1,332	13%
Filipino	443	4%
Latino/a	2,008	20%
Native American	56	1%
Pacific Islander	132	1%
White	2,687	27%
Total	10,030	100%

Gender

	2013-2014	
	Enr	Percent
Female	4,323	43%
Male	5,707	57%
Total	10,030	100%

Age

	2013-2014	
	Enr	Percent
19 or less	3,155	31%
20-24	5,041	50%
25-39	1,587	16%
40 +	247	2%
Total	10,030	100%

Highest Degree

	2013-2014	
	Enr	Percent
BA/BS +	417	4%
AA/AS	218	2%
HS/Special Admit	44	0%
All Other	9,351	93%
Total	10,030	100%

Success Rates by Gender

	2013-2014							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	2,672	62%	1,019	24%	628	15%	4,319	100%
Male	3,386	59%	1,538	27%	778	14%	5,702	100%

Success Rates by Age Group

	2013-2014							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	2,056	65%	743	24%	349	11%	3,148	100%
20-24	2,932	58%	1,413	28%	695	14%	5,040	100%
25-39	927	58%	347	22%	312	20%	1,586	100%
40 +	143	58%	54	22%	50	20%	247	100%

Success Rates by Ethnicity (multiple years)

		Success		NonSuccess		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2011-2012	212	44%	168	35%	102	21%
	2012-2013	191	46%	135	33%	86	21%	412	100%
	2013-2014	174	43%	145	36%	85	21%	404	100%
Asian	2011-2012	2,136	65%	712	22%	440	13%	3,288	100%
	2012-2013	2,206	66%	741	22%	410	12%	3,357	100%
	2013-2014	1,928	65%	649	22%	390	13%	2,967	100%
Decline to State	2011-2012	430	66%	135	21%	82	13%	647	100%
	2012-2013	451	67%	140	21%	83	12%	674	100%
	2013-2014	963	72%	276	21%	93	7%	1,332	100%
Filipino	2011-2012	187	48%	115	29%	91	23%	393	100%
	2012-2013	227	58%	87	22%	75	19%	389	100%
	2013-2014	253	57%	117	26%	73	16%	443	100%
Latino/a	2011-2012	983	49%	600	30%	407	20%	1,990	100%
	2012-2013	927	50%	561	30%	352	19%	1,840	100%
	2013-2014	944	47%	695	35%	368	18%	2,007	100%
Native American	2011-2012	34	54%	16	25%	13	21%	63	100%
	2012-2013	30	55%	15	27%	10	18%	55	100%
	2013-2014	28	50%	16	29%	12	21%	56	100%
Pacific Islander	2011-2012	58	45%	40	31%	31	24%	129	100%
	2012-2013	61	48%	36	28%	31	24%	128	100%
	2013-2014	63	48%	47	36%	22	17%	132	100%
White	2011-2012	1,696	61%	618	22%	458	17%	2,772	100%
	2012-2013	1,632	61%	590	22%	447	17%	2,669	100%
	2013-2014	1,705	64%	612	23%	363	14%	2,680	100%

Notes and Definitions

Data is for the fiscal year, including 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 (Weekly Student Contact Hours):
Sum of quarterly
End-of-Term Weekly
Student Contact Hours. 4 Quarters.

FTES (Full-Time Equivalent Students):
Fulltime equivalent students,
(WSCH * 11.67) / 525.

FTEF (Full-Time Equivalent Faculty):
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
MATH	F001A	Enrollment	944	892	1,062	19%
		Productivity	554	496	533	7%
	F001B	Enrollment	756	641	838	31%
		Productivity	527	526	470	-11%
	F001C	Enrollment	380	402	434	8%
		Productivity	486	502	408	-19%
	F001D	Enrollment	185	213	219	3%
		Productivity	482	463	471	2%
	F002A	Enrollment	196	188	210	12%
		Productivity	507	403	395	-2%
	F002B	Enrollment	193	185	231	25%
		Productivity	580	462	497	8%
	F010.	Enrollment	2,230	2,308	2,014	-13%
		Productivity	541	503	488	-3%
	F011.	Enrollment	142	91	90	-1%
		Productivity	533	342	338	-1%
	F012.	Enrollment	72	125	135	8%
		Productivity	546	626	483	-23%
	F017.	Enrollment	36			
		Productivity	180			
	F022.	Enrollment	73	143	159	11%
		Productivity	370	435	401	-8%
	F044.	Enrollment	52	24	51	113%
		Productivity	395	368	383	4%
	F048A	Enrollment	651	748	753	1%
		Productivity	576	510	539	6%
	F048B	Enrollment	246	612	623	2%
		Productivity	462	459	494	7%
	F048C	Enrollment	129	574	605	5%
		Productivity	487	539	507	-6%
	F049.	Enrollment	342			
		Productivity	599			
	F051.	Enrollment	67			
		Productivity	607			
	F057.	Enrollment		35	35	0%
		Productivity		263	263	-0%
	F100.	Enrollment	96			
		Productivity	909			
	F100X	Enrollment	39			
		Productivity	1,175			

PROGRAM REVIEW DATA

10/23/14

		2011-2012	2012-2013	2013-2014	% Inc
F100Y	Enrollment	39			
	Productivity	326			
F105.	Enrollment	1,312	1,216	1,139	-6%
	Productivity	488	469	504	8%
F108.	Enrollment	67	89	87	-2%
	Productivity	503	445	435	-2%
F217.	Enrollment	49	42	42	0%
	Productivity	325	315	315	0%
F220.	Enrollment	558	557	755	36%
	Productivity	530	521	495	-5%
F221.	Enrollment	553			
	Productivity	559			
F224.	Enrollment	43	44		-100%
	Productivity	769	326		-100%
F230.	Enrollment	177	127	140	10%
	Productivity	852	#INF	#INF	#NAN
F230J	Enrollment	19	26	14	-46%
	Productivity	284	388	209	-46%
F231.	Enrollment	271			
	Productivity	2,053			
F234.	Enrollment	27	36	45	25%
	Productivity	500	533	692	30%
F235.	Enrollment	185	220	349	59%
	Productivity	2,483	1,101	1,747	59%
F236.	Enrollment	18			
	Productivity	#INF			

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Success Rates by Course (multiple years)

			Success		NonSuccess		Withdrew		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
MATH	F001A	2011-2012	467	52%	255	28%	181	20%	903	100%
		2012-2013	509	57%	247	28%	134	15%	890	100%
		2013-2014	620	58%	273	26%	168	16%	1061	100%
F001B	F001B	2011-2012	400	55%	183	25%	141	19%	724	100%
		2012-2013	379	59%	167	26%	94	15%	640	100%
		2013-2014	485	58%	228	27%	124	15%	837	100%
F001C	F001C	2011-2012	219	61%	79	22%	61	17%	359	100%
		2012-2013	255	63%	87	22%	60	15%	402	100%
		2013-2014	288	66%	95	22%	51	12%	434	100%
F001D	F001D	2011-2012	99	55%	55	30%	27	15%	181	100%
		2012-2013	146	69%	34	16%	33	15%	213	100%
		2013-2014	145	66%	51	23%	23	11%	219	100%
F002A	F002A	2011-2012	140	75%	22	12%	24	13%	186	100%
		2012-2013	139	74%	25	13%	24	13%	188	100%
		2013-2014	159	76%	28	13%	23	11%	210	100%
F002B	F002B	2011-2012	122	65%	49	26%	16	9%	187	100%
		2012-2013	130	70%	30	16%	25	14%	185	100%
		2013-2014	153	66%	43	19%	35	15%	231	100%
F010.	F010.	2011-2012	1420	66%	378	17%	364	17%	2162	100%
		2012-2013	1461	63%	453	20%	390	17%	2304	100%
		2013-2014	1264	63%	459	23%	288	14%	2011	100%
F011.	F011.	2011-2012	87	66%	22	17%	23	17%	132	100%
		2012-2013	56	62%	22	24%	13	14%	91	100%
		2013-2014	59	66%	8	9%	23	26%	90	100%
F012.	F012.	2011-2012	37	54%	12	17%	20	29%	69	100%
		2012-2013	82	66%	21	17%	22	18%	125	100%
		2013-2014	95	70%	21	16%	19	14%	135	100%
F017.	F017.	2011-2012	24	69%	7	20%	4	11%	35	100%
F022.	F022.	2011-2012	51	72%	10	14%	10	14%	71	100%
		2012-2013	101	71%	17	12%	25	17%	143	100%
		2013-2014	130	82%	18	11%	11	7%	159	100%
F044.	F044.	2011-2012	38	75%	5	10%	8	16%	51	100%
		2012-2013	18	75%	3	13%	3	13%	24	100%
		2013-2014	41	80%	4	8%	6	12%	51	100%
F048A	F048A	2011-2012	244	39%	215	34%	169	27%	628	100%
		2012-2013	397	53%	216	29%	134	18%	747	100%
		2013-2014	415	55%	213	28%	124	16%	752	100%
F048B	F048B	2011-2012	131	54%	68	28%	44	18%	243	100%
		2012-2013	323	53%	183	30%	105	17%	611	100%
		2013-2014	364	58%	178	29%	81	13%	623	100%
F048C	F048C	2011-2012	80	63%	37	29%	11	9%	128	100%
		2012-2013	380	66%	121	21%	73	13%	574	100%
		2013-2014	400	66%	135	22%	70	12%	605	100%
F049.	F049.	2011-2012	249	74%	62	18%	26	8%	337	100%
F051.	F051.	2011-2012	34	55%	12	19%	16	26%	62	100%

PROGRAM REVIEW DATA

10/23/14

		Success		NonSuccess		Withdrawn		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
F057.	2012-2013	27	77%	4	11%	4	11%	35	100%
	2013-2014	21	60%	12	34%	2	6%	35	100%
F100.	2011-2012	81	91%	8	9%			89	100%
F100X	2011-2012	26	84%	5	16%			31	100%
F100Y	2011-2012	29	85%	5	15%			34	100%
F105.	2011-2012	543	44%	429	34%	275	22%	1247	100%
	2012-2013	624	51%	363	30%	228	19%	1215	100%
	2013-2014	623	55%	328	29%	186	16%	1137	100%
F108.	2011-2012	48	72%	15	22%	4	6%	67	100%
	2012-2013	67	75%	16	18%	6	7%	89	100%
	2013-2014	40	46%	32	37%	15	17%	87	100%
F217.	2011-2012	33	67%	15	31%	1	2%	49	100%
	2012-2013	33	79%	3	7%	6	14%	42	100%
	2013-2014	23	55%	13	31%	6	14%	42	100%
F220.	2011-2012	296	55%	161	30%	86	16%	543	100%
	2012-2013	322	58%	165	30%	69	12%	556	100%
	2013-2014	401	53%	243	32%	110	15%	754	100%
F221.	2011-2012	296	55%	159	29%	85	16%	540	100%
F224.	2011-2012	28	65%	14	33%	1	2%	43	100%
	2012-2013	27	63%	7	16%	9	21%	43	100%
F230.	2011-2012	82	48%	75	44%	15	9%	172	100%
	2012-2013	51	41%	62	50%	12	10%	125	100%
	2013-2014	64	46%	64	46%	12	9%	140	100%
F230J	2011-2012	13	68%	5	26%	1	5%	19	100%
	2012-2013	8	31%	15	58%	3	12%	26	100%
	2013-2014	9	64%	5	36%			14	100%
F231.	2011-2012	231	94%	14	6%			245	100%
F234.	2011-2012	22	81%	3	11%	2	7%	27	100%
	2012-2013	19	53%	14	39%	3	8%	36	100%
	2013-2014	30	67%	13	29%	2	4%	45	100%
F235.	2011-2012	148	81%	25	14%	9	5%	182	100%
	2012-2013	171	78%	30	14%	19	9%	220	100%
	2013-2014	229	66%	93	27%	27	8%	349	100%
F236.	2011-2012	18	100%					18	100%