

PROGRAM REVIEW DATA

10/01/13

Foothill College

Mathematics-FD

Physical Scienc, Math & Engin

Enrollment Trends

	2010-2011	2011-2012	2012-2013	% Inc
Unduplicated Headcount	5,187	5,362	5,584	4.1%
Enrollment	10,139	10,147	9,540	-6.0%
Sections	259	265	272	2.6%
WSCH	57,803	50,817	51,475	1.3%
FTES	1,285	1,130	1,144	1.3%
FTEF	27.9	31.1	33.5	7.6%
Productivity	690	544	512	-5.9%

Full and Part Time Faculty Load

	2010-2011	2011-2012	2012-2013	% Inc
Full Time Load	11.3	13.9	14.2	2.5%
Full Time %	41%	45%	42%	-4.8%
Overload	4.4	5.1	4.0	-20.9%
Overload %	16%	16%	12%	-26.5%
Part Time Load	12.2	12.2	15.3	25.4%
Part Time %	44%	39%	46%	16.5%
Total FTEF	27.9	31.1	33.5	7.6%

Course Success

	All Students					
	2010-2011		2011-2012		2012-2013	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	5,648	59%	5,736	59%	5,724	60%
NonSuccess	2,403	25%	2,404	25%	2,307	24%
Withdrew	1,468	15%	1,624	17%	1,494	16%
Total	9,519	100%	9,764	100%	9,525	100%

Release/Re-assignTime

	2010-11 FTEF	2011-12 FTEF	% Inc FTEF
NonTeaching		0.27	
Teaching	4.22	3.44	-18%
Total	4.22	3.71	-12%

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	1,165	47%	1,367	48%	1,326	51%	4,483	64%	4,369	63%	4,398	64%
NonSuccess	809	33%	868	31%	778	30%	1,594	23%	1,536	22%	1,529	22%
Withdrew	489	20%	595	21%	506	19%	979	14%	1,029	15%	988	14%
Total	2,463	100%	2,830	100%	2,610	100%	7,056	100%	6,934	100%	6,915	100%

Distribution by Ethnicity

	2012-2013	
	Enr	Percent
African American	402	4%
Asian	3,290	34%
Decline to State	806	8%
Filipino	387	4%
Latino/a	1,825	19%
Native American	54	1%
Pacific Islander	131	1%
White	2,645	28%
Total	9,540	100%

Gender

	2012-2013	
	Enr	Percent
Female	4,272	45%
Male	5,268	55%
Total	9,540	100%

Age

	2012-2013	
	Enr	Percent
19 or less	3,110	33%
20-24	4,550	48%
25-39	1,606	17%
40 +	274	3%
Total	9,540	100%

Highest Degree

	2012-2013	
	Enr	Percent
BA/BS +	466	5%
AA/AS	182	2%
HS/Special Admit	53	1%
All Other	8,839	93%
Total	9,540	100%

Success Rates by Gender

	2012-2013							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	2,625	62%	936	22%	701	16%	4,262	100%
Male	3,099	59%	1,371	26%	793	15%	5,263	100%

Success Rates by Age Group

	2012-2013							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	2,031	65%	727	23%	345	11%	3,103	100%
20-24	2,587	57%	1,209	27%	751	17%	4,547	100%
25-39	945	59%	321	20%	336	21%	1,602	100%
40 +	161	59%	50	18%	62	23%	273	100%

Success Rates by Ethnicity (multiple years)

		Success		NonSuccess		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2012-2013	186	46%	132	33%	84	21%
	2011-2012	210	44%	163	34%	101	21%	474	100%
	2010-2011	186	41%	172	38%	95	21%	453	100%
Asian	2012-2013	2,154	66%	729	22%	402	12%	3,285	100%
	2011-2012	2,110	65%	693	21%	427	13%	3,230	100%
	2010-2011	2,018	66%	656	22%	376	12%	3,050	100%
Decline to State	2012-2013	533	66%	168	21%	104	13%	805	100%
	2011-2012	484	63%	176	23%	112	15%	772	100%
	2010-2011	674	66%	229	22%	123	12%	1,026	100%
Filipino	2012-2013	227	59%	87	22%	73	19%	387	100%
	2011-2012	185	47%	115	29%	90	23%	390	100%
	2010-2011	179	52%	100	29%	65	19%	344	100%
Latino/a	2012-2013	913	50%	559	31%	349	19%	1,821	100%
	2011-2012	972	49%	590	30%	404	21%	1,966	100%
	2010-2011	800	48%	537	32%	329	20%	1,666	100%
Native American	2012-2013	30	56%	15	28%	9	17%	54	100%
	2011-2012	33	52%	17	27%	13	21%	63	100%
	2010-2011	38	45%	30	36%	16	19%	84	100%
Pacific Islander	2012-2013	62	47%	37	28%	32	24%	131	100%
	2011-2012	58	45%	40	31%	32	25%	130	100%
	2010-2011	55	43%	41	32%	32	25%	128	100%
White	2012-2013	1,619	61%	580	22%	441	17%	2,640	100%
	2011-2012	1,684	61%	610	22%	445	16%	2,739	100%
	2010-2011	1,698	61%	638	23%	432	16%	2,768	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
MATH	F001A	Enrollment	967	944	892	-6%
		Productivity	646	554	496	-10%
	F001B	Enrollment	749	756	641	-15%
		Productivity	644	527	526	-0%
	F001C	Enrollment	456	380	402	6%
		Productivity	632	486	502	3%
	F001D	Enrollment	219	185	213	15%
		Productivity	658	482	463	-4%
	F002A	Enrollment	209	196	188	-4%
		Productivity	538	507	403	-21%
	F002B	Enrollment	181	193	185	-4%
		Productivity	652	580	462	-20%
	F010.	Enrollment	1,874	2,230	2,309	4%
		Productivity	704	541	503	-7%
	F011.	Enrollment	139	142	91	-36%
		Productivity	626	533	342	-36%
	F012.	Enrollment	65	72	125	74%
		Productivity	549	546	626	15%
	F017.	Enrollment		36		-100%
		Productivity		180		-100%
	F022.	Enrollment	69	73	143	96%
		Productivity	622	370	435	18%
	F036.	Enrollment	4			
		Productivity	167			
	F044.	Enrollment	30	52	24	-54%
		Productivity	541	395	368	-7%
	F048A	Enrollment		651	748	15%
		Productivity		576	510	-11%
	F048B	Enrollment		246	612	149%
		Productivity		462	459	-0%
	F048C	Enrollment		129	574	345%
		Productivity		487	539	11%
	F049.	Enrollment	791	342		-100%
		Productivity	714	599		-100%
	F051.	Enrollment	687	67		-100%
		Productivity	642	607		-100%
	F057.	Enrollment			35	
		Productivity			263	
	F100.	Enrollment	1	96		-100%
		Productivity	#INF	909		-100%

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		2010-2011	2011-2012	2012-2013	% Inc
F100X	Enrollment	12	39		-100%
	Productivity	58	1,175		-100%
F100Y	Enrollment	19	39		-100%
	Productivity	93	326		-100%
F105.	Enrollment	1,400	1,312	1,217	-7%
	Productivity	660	488	469	-4%
F108.	Enrollment	23	67	89	33%
	Productivity	380	503	445	-11%
F217.	Enrollment		49	42	-14%
	Productivity		325	315	-3%
F220.	Enrollment	634	558	557	-0%
	Productivity	635	530	521	-2%
F221.	Enrollment	631	553		-100%
	Productivity	612	559		-100%
F224.	Enrollment	24	43	44	2%
	Productivity	432	769	326	-58%
F230.	Enrollment	242	177	127	-28%
	Productivity	1,360	852	#INF	#INF
F230J	Enrollment		19	26	37%
	Productivity		284	388	37%
F230X	Enrollment	18			
	Productivity	280			
F231.	Enrollment	433	271		-100%
	Productivity	2,187	2,053		-100%
F234.	Enrollment	61	27	36	33%
	Productivity	1,099	500	533	6%
F235.	Enrollment	192	185	220	19%
	Productivity	#INF	2,483	1,101	-56%
F236.	Enrollment	9	18		-100%
	Productivity	#INF	#INF		#NAN

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			Success		NonSuccess		Withdrawn		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
MATH	F001A	2010-2011	530	57%	239	26%	153	17%	922	100%
		2011-2012	467	52%	255	28%	181	20%	903	100%
		2012-2013	509	57%	247	28%	134	15%	890	100%
F001B	2010-2011	356	52%	205	30%	121	18%	682	100%	
	2011-2012	400	55%	183	25%	141	19%	724	100%	
	2012-2013	379	59%	167	26%	94	15%	640	100%	
F001C	2010-2011	261	62%	93	22%	64	15%	418	100%	
	2011-2012	219	61%	79	22%	61	17%	359	100%	
	2012-2013	255	63%	87	22%	60	15%	402	100%	
F001D	2010-2011	134	64%	51	24%	25	12%	210	100%	
	2011-2012	99	55%	55	30%	27	15%	181	100%	
	2012-2013	146	69%	34	16%	33	15%	213	100%	
F002A	2010-2011	155	83%	15	8%	16	9%	186	100%	
	2011-2012	140	75%	22	12%	24	13%	186	100%	
	2012-2013	139	74%	25	13%	24	13%	188	100%	
F002B	2010-2011	130	75%	31	18%	12	7%	173	100%	
	2011-2012	122	65%	49	26%	16	9%	187	100%	
	2012-2013	130	70%	30	16%	25	14%	185	100%	
F010.	2010-2011	1134	64%	375	21%	260	15%	1769	100%	
	2011-2012	1420	66%	378	17%	364	17%	2162	100%	
	2012-2013	1460	63%	455	20%	390	17%	2305	100%	
F011.	2010-2011	87	66%	24	18%	20	15%	131	100%	
	2011-2012	87	66%	22	17%	23	17%	132	100%	
	2012-2013	56	62%	22	24%	13	14%	91	100%	
F012.	2010-2011	49	77%	5	8%	10	16%	64	100%	
	2011-2012	37	54%	12	17%	20	29%	69	100%	
	2012-2013	82	66%	21	17%	22	18%	125	100%	
F017.	2011-2012	24	69%	7	20%	4	11%	35	100%	
F022.	2010-2011	39	62%	11	17%	13	21%	63	100%	
	2011-2012	51	72%	10	14%	10	14%	71	100%	
	2012-2013	101	71%	17	12%	25	17%	143	100%	
F036.	2010-2011	4	100%					4	100%	
F044.	2010-2011	25	83%	1	3%	4	13%	30	100%	
	2011-2012	38	75%	5	10%	8	16%	51	100%	
	2012-2013	18	75%	3	13%	3	13%	24	100%	
F048A	2011-2012	244	39%	215	34%	169	27%	628	100%	
	2012-2013	397	53%	216	29%	134	18%	747	100%	
F048B	2011-2012	131	54%	68	28%	44	18%	243	100%	
	2012-2013	323	53%	183	30%	104	17%	610	100%	
F048C	2011-2012	80	63%	37	29%	11	9%	128	100%	
	2012-2013	380	66%	121	21%	73	13%	574	100%	
F049.	2010-2011	437	59%	191	26%	119	16%	747	100%	
	2011-2012	249	74%	62	18%	26	8%	337	100%	
F051.	2010-2011	258	41%	190	30%	180	29%	628	100%	
	2011-2012	34	55%	12	19%	16	26%	62	100%	

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		Success		NonSuccess		Withdrawn		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
F057.	2012-2013	27	77%	4	11%	4	11%	35	100%
F100.	2010-2011			1	100%			1	100%
	2011-2012	81	91%	8	9%			89	100%
F100X	2010-2011	7	64%	3	27%	1	9%	11	100%
	2011-2012	26	84%	5	16%			31	100%
F100Y	2010-2011	6	35%	10	59%	1	6%	17	100%
	2011-2012	29	85%	5	15%			34	100%
F105.	2010-2011	650	49%	450	34%	218	17%	1318	100%
	2011-2012	543	44%	429	34%	275	22%	1247	100%
	2012-2013	624	51%	363	30%	229	19%	1216	100%
F108.	2010-2011	8	35%	12	52%	3	13%	23	100%
	2011-2012	48	72%	15	22%	4	6%	67	100%
	2012-2013	67	75%	16	18%	6	7%	89	100%
F217.	2011-2012	33	67%	15	31%	1	2%	49	100%
	2012-2013	33	79%	3	7%	6	14%	42	100%
F220.	2010-2011	342	57%	178	30%	82	14%	602	100%
	2011-2012	296	55%	161	30%	86	16%	543	100%
	2012-2013	322	58%	165	30%	69	12%	556	100%
F221.	2010-2011	341	57%	176	30%	78	13%	595	100%
	2011-2012	296	55%	159	29%	85	16%	540	100%
F224.	2010-2011	12	55%	9	41%	1	5%	22	100%
	2011-2012	28	65%	14	33%	1	2%	43	100%
	2012-2013	27	63%	7	16%	9	21%	43	100%
F230.	2010-2011	109	48%	73	32%	43	19%	225	100%
	2011-2012	82	48%	75	44%	15	9%	172	100%
	2012-2013	51	41%	62	50%	12	10%	125	100%
F230J	2011-2012	13	68%	5	26%	1	5%	19	100%
	2012-2013	8	31%	15	58%	3	12%	26	100%
F230X	2010-2011	11	61%	6	33%	1	6%	18	100%
F231.	2010-2011	335	81%	37	9%	43	10%	415	100%
	2011-2012	231	94%	14	6%			245	100%
F234.	2010-2011	28	62%	17	38%			45	100%
	2011-2012	22	81%	3	11%	2	7%	27	100%
	2012-2013	19	53%	14	39%	3	8%	36	100%
F235.	2010-2011	191	100%					191	100%
	2011-2012	148	81%	25	14%	9	5%	182	100%
	2012-2013	171	78%	30	14%	19	9%	220	100%
F236.	2010-2011	9	100%					9	100%
	2011-2012	18	100%					18	100%