

PROGRAM REVIEW DATA

10/01/13

Foothill College Online Courses

Mathematics-FD

Physical Scienc, Math & Engin

Enrollment Trends

	2010-2011	2011-2012	2012-2013	% Inc
Unduplicated Headcount	748	1,000	1,066	6.6%
Enrollment	818	1,073	1,143	6.5%
Sections	16	20	25	25.0%
WSCH	4,837	5,527	5,715	3.4%
FTES	108	123	127	3.4%
FTEF	2.3	3.4	4.0	16.1%
Productivity	692	535	477	-11.0%

Full and Part Time Faculty Load

	2010-2011	2011-2012	2012-2013	% Inc
Full Time Load	0.4	0.9	1.1	25.0%
Full Time %	19%	26%	28%	7.6%
Overload	1.6	2.0	1.4	-27.8%
Overload %	67%	58%	36%	-37.8%
Part Time Load	0.3	0.6	1.4	160.0%
Part Time %	14%	16%	36%	123.9%
Total FTEF	2.3	3.4	4.0	16.1%

Course Success

	All Students					
	2010-2011		2011-2012		2012-2013	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	441	58%	633	62%	653	57%
NonSuccess	236	31%	234	23%	251	22%
Withdrew	86	11%	153	15%	235	21%
Total	763	100%	1,020	100%	1,139	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					
	2010-2011		2011-2012		2012-2013	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	66	34%	108	40%	148	44%
NonSuccess	97	49%	92	34%	93	28%
Withdrew	33	17%	70	26%	96	28%
Total	196	100%	270	100%	337	100%

	Not Targeted Groups					
	2010-2011		2011-2012		2012-2013	
	Grades	Percent	Grades	Percent	Grades	Perce
Success	375	66%	525	70%	505	63
NonSuccess	139	25%	142	19%	158	20
Withdrew	53	9%	83	11%	139	17
Total	567	100%	750	100%	802	100

Distribution by Ethnicity

	2012-2013	
	Enr	Percent
African American	75	7%
Asian	354	31%
Decline to State	63	6%
Filipino	69	6%
Latino/a	195	17%
Native American	14	1%
Pacific Islander	17	1%
White	356	31%
Total	1,143	100%

Gender

	2012-2013	
	Enr	Percent
Female	664	58%
Male	479	42%
Total	1,143	100%

Age

	2012-2013	
	Enr	Percent
19 or less	205	18%
20-24	504	44%
25-39	364	32%
40 +	70	6%
Total	1,143	100%

Highest Degree

	2012-2013	
	Enr	Percent
BA/BS +	181	16%
AA/AS	55	5%
HS/Special Admit	8	1%
All Other	899	79%
Total	1,143	100%

Success Rates by Gender

2012-2013								
Success		NonSuccess		Withdrew		Total		
Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	
Female	382 58%	140 21%	138 21%	660 100%				
Male	271 57%	111 23%	97 20%	479 100%				

Success Rates by Age Group

2012-2013								
Success		NonSuccess		Withdrew		Total		
Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	
19 or less	140 69%	35 17%	29 14%	204 100%				
20-24	267 53%	130 26%	106 21%	503 100%				
25-39	205 57%	75 21%	82 23%	362 100%				
40 +	41 59%	11 16%	18 26%	70 100%				

Success Rates by Ethnicity (multiple years)

		Success		NonSuccess		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	2012-2013	33	44%	18	24%	24	32%	75	100%
	2011-2012	22	38%	24	41%	12	21%	58	100%
	2010-2011	14	27%	27	52%	11	21%	52	100%
Asian	2012-2013	246	70%	50	14%	56	16%	352	100%
	2011-2012	237	75%	49	15%	32	10%	318	100%
	2010-2011	150	72%	41	20%	18	9%	209	100%
Decline to State	2012-2013	42	67%	13	21%	8	13%	63	100%
	2011-2012	37	66%	10	18%	9	16%	56	100%
	2010-2011	45	66%	15	22%	8	12%	68	100%
Filipino	2012-2013	40	58%	15	22%	14	20%	69	100%
	2011-2012	26	49%	14	26%	13	25%	53	100%
	2010-2011	9	36%	8	32%	8	32%	25	100%
Latino/a	2012-2013	75	39%	60	31%	58	30%	193	100%
	2011-2012	60	38%	54	34%	45	28%	159	100%
	2010-2011	43	36%	62	52%	14	12%	119	100%
Native American	2012-2013	8	57%	4	29%	2	14%	14	100%
	2011-2012	2	50%			2	50%	4	100%
	2010-2011	3	33%	5	56%	1	11%	9	100%
Pacific Islander	2012-2013	4	24%	7	41%	6	35%	17	100%
	2011-2012	3	30%	5	50%	2	20%	10	100%
	2010-2011	4	44%	5	56%			9	100%
White	2012-2013	205	58%	84	24%	67	19%	356	100%
	2011-2012	246	68%	78	22%	38	10%	362	100%
	2010-2011	173	64%	73	27%	26	10%	272	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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Mathematics-FD

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Enrollment Trends by Course (multiple years)

			2010-2011	2011-2012	2012-2013	% Inc
MATH	F010.	Enrollment	495	798	919	15%
		Productivity	811	567	531	-6%
	F105.	Enrollment	323	275	224	-19%
		Productivity	561	459	336	-27%

PROGRAM REVIEW DATA

10/03/13

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Mathematics-FD

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Success Rates by Course (multiple years)

				Success		NonSuccess		Withdrew		Total	
				Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
MATH F010.	01W	2012-2013		51	71%	10	14%	11	15%	72	100%
	02W	2012-2013		55	81%	7	10%	6	9%	68	100%
	04W	2011-2012		76	80%	9	9%	10	11%	95	100%
		2012-2013		45	66%	11	16%	12	18%	68	100%
	05W	2010-2011		69	68%	25	25%	8	8%	102	100%
		2011-2012		48	86%	4	7%	4	7%	56	100%
		2012-2013		21	50%	11	26%	10	24%	42	100%
	08W	2011-2012		50	74%	5	7%	13	19%	68	100%
	09W	2011-2012		39	71%	10	18%	6	11%	55	100%
	10W	2012-2013		28	57%	13	27%	8	16%	49	100%
	11W	2010-2011		184	73%	45	18%	24	9%	253	100%
		2011-2012		115	71%	31	19%	16	10%	162	100%
		2012-2013		52	75%	8	12%	9	13%	69	100%
	12W	2010-2011		31	79%	6	15%	2	5%	39	100%
		2011-2012		59	74%	11	14%	10	13%	80	100%
		2012-2013		71	66%	19	18%	17	16%	107	100%
	13W	2010-2011		25	64%	8	21%	6	15%	39	100%
		2011-2012		91	67%	25	19%	19	14%	135	100%
		2012-2013		96	66%	31	21%	19	13%	146	100%
	14W	2011-2012		73	61%	34	28%	13	11%	120	100%
		2012-2013		75	53%	31	22%	36	25%	142	100%
	15W	2010-2011		19	51%	8	22%	10	27%	37	100%
		2012-2013		44	63%	8	11%	18	26%	70	100%
	16W	2012-2013		52	63%	14	17%	16	20%	82	100%
F105.	03W	2010-2011		12	36%	18	55%	3	9%	33	100%
		2012-2013		4	22%	4	22%	10	56%	18	100%
	04W	2010-2011		13	41%	14	44%	5	16%	32	100%
	06W	2012-2013		4	19%	12	57%	5	24%	21	100%
	07W	2012-2013		4	22%	7	39%	7	39%	18	100%
	08W	2010-2011		9	30%	16	53%	5	17%	30	100%
	09W	2010-2011		10	29%	17	50%	7	21%	34	100%
		2011-2012		8	30%	13	48%	6	22%	27	100%
		2012-2013		7	29%	12	50%	5	21%	24	100%
	10W	2010-2011		23	39%	32	54%	4	7%	59	100%
		2011-2012		15	38%	14	35%	11	28%	40	100%
		2012-2013		13	28%	21	45%	13	28%	47	100%
	11W	2010-2011		30	43%	31	44%	9	13%	70	100%
		2011-2012		22	29%	31	41%	22	29%	75	100%
		2012-2013		15	37%	12	29%	14	34%	41	100%
	12W	2010-2011		16	46%	16	46%	3	9%	35	100%
		2011-2012		13	22%	31	53%	15	25%	59	100%
		2012-2013		4	17%	10	42%	10	42%	24	100%
	13W	2012-2013		12	39%	10	32%	9	29%	31	100%
	14W	2011-2012		24	50%	16	33%	8	17%	48	100%