

PROGRAM REVIEW DATA

10/01/13

Foothill College

Chemistry-FD

Physical Scienc, Math & Engin

Enrollment Trends

	2010-2011	2011-2012	2012-2013	% Inc
Unduplicated Headcount	1,849	1,942	2,119	9.1%
Enrollment	2,819	3,080	3,192	3.6%
Sections	105	115	119	3.5%
WSCH	27,371	24,811	25,629	3.3%
FTES	608	552	570	3.3%
FTEF	15.8	16.7	18.0	8.2%
Productivity	579	496	473	-4.6%

Full and Part Time Faculty Load

	2010-2011	2011-2012	2012-2013	% Inc
Full Time Load	5.4	6.4	6.5	2.8%
Full Time %	34%	38%	36%	-5.1%
Overload	1.2	1.4	1.1	-23.8%
Overload %	7%	8%	6%	-29.6%
Part Time Load	9.2	8.9	10.4	17.2%
Part Time %	58%	53%	58%	8.3%
Total FTEF	15.8	16.7	18.0	8.2%

Course Success

	All Students					
	2010-2011		2011-2012		2012-2013	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	2,006	74%	2,200	73%	2,270	71%
NonSuccess	350	13%	385	13%	491	15%
Withdrew	337	13%	417	14%	423	13%
Total	2,693	100%	3,002	100%	3,184	100%

Release/Re-assignTime

	2010-11 FTEF	2011-12 FTEF	% Inc FTEF
Teaching	0.85	0.68	-20%
Total	0.85	0.68	-20%

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	317	65%	412	61%	457	59%	1,689	77%	1,788	77%	1,813	75%
NonSuccess	91	19%	136	20%	169	22%	259	12%	249	11%	322	13%
Withdrew	82	17%	126	19%	145	19%	255	12%	291	13%	278	12%
Total	490	100%	674	100%	771	100%	2,203	100%	2,328	100%	2,413	100%

Distribution by Ethnicity

	2012-2013	
	Enr	Percent
African American	96	3%
Asian	1,366	43%
Decline to State	173	5%
Filipino	196	6%
Latino/a	481	15%
Native American	16	1%
Pacific Islander	34	1%
White	830	26%
Total	3,192	100%

Gender

	2012-2013	
	Enr	Percent
Female	1,719	54%
Male	1,473	46%
Total	3,192	100%

Age

	2012-2013	
	Enr	Percent
19 or less	740	23%
20-24	1,621	51%
25-39	739	23%
40 +	92	3%
Total	3,192	100%

Highest Degree

	2012-2013	
	Enr	Percent
BA/BS +	424	13%
AA/AS	93	3%
HS/Special Admit	11	0%
All Other	2,664	83%
Total	3,192	100%

Success Rates by Gender

	2012-2013							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,190	69%	278	16%	245	14%	1,713	100%
Male	1,080	73%	213	14%	178	12%	1,471	100%

Success Rates by Age Group

	2012-2013							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	594	80%	89	12%	56	8%	739	100%
20-24	1,104	68%	289	18%	225	14%	1,618	100%
25-39	513	70%	106	14%	118	16%	737	100%
40 +	59	66%	7	8%	24	27%	90	100%

Success Rates by Ethnicity (multiple years)

		Success		NonSuccess		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2012-2013	63	66%	15	16%	18	19%
	2011-2012	45	67%	11	16%	11	16%	67	100%
	2010-2011	37	66%	11	20%	8	14%	56	100%
Asian	2012-2013	1,067	78%	176	13%	122	9%	1,365	100%
	2011-2012	977	77%	140	11%	148	12%	1,265	100%
	2010-2011	905	77%	136	12%	127	11%	1,168	100%
Decline to State	2012-2013	133	77%	23	13%	17	10%	173	100%
	2011-2012	155	74%	28	13%	26	12%	209	100%
	2010-2011	199	80%	25	10%	26	10%	250	100%
Filipino	2012-2013	128	65%	43	22%	25	13%	196	100%
	2011-2012	139	62%	40	18%	44	20%	223	100%
	2010-2011	113	74%	21	14%	18	12%	152	100%
Latino/a	2012-2013	266	56%	111	23%	102	21%	479	100%
	2011-2012	228	59%	85	22%	71	18%	384	100%
	2010-2011	167	59%	59	21%	56	20%	282	100%
Native American	2012-2013	11	69%	3	19%	2	13%	16	100%
	2011-2012	7	70%	1	10%	2	20%	10	100%
	2010-2011	8	50%	4	25%	4	25%	16	100%
Pacific Islander	2012-2013	24	71%	7	21%	3	9%	34	100%
	2011-2012	13	68%	3	16%	3	16%	19	100%
	2010-2011	7	50%	5	36%	2	14%	14	100%
White	2012-2013	578	70%	113	14%	134	16%	825	100%
	2011-2012	636	77%	77	9%	112	14%	825	100%
	2010-2011	570	75%	89	12%	96	13%	755	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
CHEM	F001A	Enrollment	501	530	594	12%
		Productivity	636	497	495	-0%
	F001B	Enrollment	428	417	388	-7%
		Productivity	578	459	415	-9%
	F001C	Enrollment	284	270	274	1%
		Productivity	539	424	410	-3%
	F012A	Enrollment	164	170	162	-5%
		Productivity	616	491	507	3%
	F012B	Enrollment	109	125	133	6%
		Productivity	468	408	416	2%
	F012C	Enrollment	77	70	102	46%
		Productivity	534	431	331	-23%
	F025.	Enrollment	452	587	645	10%
		Productivity	632	665	614	-8%
	F030A	Enrollment	570	559	633	13%
		Productivity	624	549	533	-3%
	F030B	Enrollment	194	214	235	10%
		Productivity	425	397	400	1%
	F070.	Enrollment	34	48	26	-46%
		Productivity	258	242	197	-19%
	F100.	Enrollment	1	57		-100%
		Productivity		#INF		#NAN
	F100X	Enrollment	3	19		-100%
		Productivity	#INF	#INF		#NAN
	F100Y	Enrollment	2	14		-100%
		Productivity	#INF	#INF		#NAN

PROGRAM REVIEW DATA

10/03/13

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Success Rates by Course (multiple years)

			Success		NonSuccess		Withdrawn		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
CHEM	F001A	2010-2011	341	73%	58	12%	71	15%	470	100%
		2011-2012	383	73%	62	12%	77	15%	522	100%
		2012-2013	418	70%	90	15%	86	14%	594	100%
F001B	2010-2011	302	73%	47	11%	65	16%	414	100%	
	2011-2012	287	71%	59	15%	60	15%	406	100%	
	2012-2013	263	68%	69	18%	56	14%	388	100%	
F001C	2010-2011	232	84%	17	6%	26	9%	275	100%	
	2011-2012	202	75%	33	12%	34	13%	269	100%	
	2012-2013	212	77%	27	10%	35	13%	274	100%	
F012A	2010-2011	109	71%	26	17%	19	12%	154	100%	
	2011-2012	120	72%	23	14%	23	14%	166	100%	
	2012-2013	120	74%	30	19%	12	7%	162	100%	
F012B	2010-2011	85	80%	9	8%	12	11%	106	100%	
	2011-2012	99	80%	11	9%	13	11%	123	100%	
	2012-2013	94	71%	20	15%	19	14%	133	100%	
F012C	2010-2011	68	92%	2	3%	4	5%	74	100%	
	2011-2012	54	78%	4	6%	11	16%	69	100%	
	2012-2013	92	90%	6	6%	4	4%	102	100%	
F025.	2010-2011	302	69%	80	18%	55	13%	437	100%	
	2011-2012	411	72%	79	14%	84	15%	574	100%	
	2012-2013	453	70%	99	15%	93	14%	645	100%	
F030A	2010-2011	378	69%	97	18%	71	13%	546	100%	
	2011-2012	396	73%	78	14%	71	13%	545	100%	
	2012-2013	404	64%	132	21%	97	15%	633	100%	
F030B	2010-2011	160	88%	11	6%	11	6%	182	100%	
	2011-2012	146	71%	23	11%	38	18%	207	100%	
	2012-2013	197	84%	16	7%	21	9%	234	100%	
F070.	2010-2011	27	90%	1	3%	2	7%	30	100%	
	2011-2012	30	88%	4	12%			34	100%	
	2012-2013	17	89%	2	11%			19	100%	
F100.	2010-2011					1	100%	1	100%	
	2011-2012	44	79%	7	13%	5	9%	56	100%	
F100X	2010-2011	2	67%	1	33%			3	100%	
	2011-2012	17	94%	1	6%			18	100%	
F100Y	2010-2011			1	100%			1	100%	
	2011-2012	11	85%	1	8%	1	8%	13	100%	