

PROGRAM REVIEW DATA

10/28/14

Foothill College

Chemistry-FD

Physical Scienc, Math & Engin

Enrollment Trends

	2011-2012	2012-2013	2013-2014	% Inc
Unduplicated Headcount	1,942	2,119	2,113	-0.3%
Enrollment	3,080	3,192	3,204	0.4%
Sections	115	119	122	2.5%
WSCH	24,811	25,629	26,034	1.6%
FTES	552	570	579	1.6%
FTEF	16.7	18.0	18.6	3.8%
Productivity	496	476	465	-2.2%

Full and Part Time Faculty Load

	2011-2012	2012-2013	2013-2014	% Inc
Full Time Load	6.4	6.5	6.0	-7.8%
Full Time %	38%	36%	32%	-11.2%
Overload	1.4	1.1	0.4	-62.5%
Overload %	8%	6%	2%	-63.9%
Part Time Load	8.9	10.3	12.2	18.0%
Part Time %	53%	58%	65%	13.6%
Total FTEF	16.7	18.0	18.6	3.8%

Course Success

	All Students					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	2,200	73%	2,270	71%	2,189	68%
NonSuccess	385	13%	491	15%	502	16%
Withdrew	417	14%	428	13%	510	16%
Total	3,002	100%	3,189	100%	3,201	100%

Release/Re-assignTime

	2011-2012	2012-2013	2013-2014	% Inc
	FTEF	FTEF	FTEF	FTEF
Teaching	0.68	0.43	1.00	1.31
Total	0.68	0.43	1.00	1.31

Course Success by Targeted Ethnic Groups

	Targeted Groups						Not Targeted Groups					
	2011-2012		2012-2013		2013-2014		2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	412	61%	462	59%	445	54%	1,788	77%	1,808	75%	1,744	73%
NonSuccess	139	21%	169	22%	187	23%	246	11%	322	13%	315	13%
Withdrew	127	19%	146	19%	188	23%	290	12%	282	12%	322	14%
Total	678	100%	777	100%	820	100%	2,324	100%	2,412	100%	2,381	100%

Distribution by Ethnicity

	2013-2014	
	Enr	Percent
African American	74	2%
Asian	1,267	40%
Decline to State	247	8%
Filipino	231	7%
Latino/a	516	16%
Native American	11	0%
Pacific Islander	28	1%
White	830	26%
Total	3,204	100%

Gender

	2013-2014	
	Enr	Percent
Female	1,700	53%
Male	1,504	47%
Total	3,204	100%

Age

	2013-2014	
	Enr	Percent
19 or less	770	24%
20-24	1,638	51%
25-39	720	22%
40 +	76	2%
Total	3,204	100%

Highest Degree

	2013-2014	
	Enr	Percent
BA/BS +	409	13%
AA/AS	124	4%
HS/Special Admit	11	0%
All Other	2,660	83%
Total	3,204	100%

Success Rates by Gender

	2013-2014							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,132	67%	287	17%	280	16%	1,699	100%
Male	1,057	70%	215	14%	230	15%	1,502	100%

Success Rates by Age Group

	2013-2014							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	575	75%	114	15%	79	10%	768	100%
20-24	1,079	66%	292	18%	267	16%	1,638	100%
25-39	483	67%	92	13%	145	20%	720	100%
40 +	52	69%	4	5%	19	25%	75	100%

Success Rates by Ethnicity (multiple years)

		Success		NonSuccess		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2011-2012	47	66%	12	17%	12	17%
	2012-2013	67	66%	16	16%	19	19%	102	100%
	2013-2014	38	52%	23	32%	12	16%	73	100%
Asian	2011-2012	1,000	77%	142	11%	152	12%	1,294	100%
	2012-2013	1,081	78%	180	13%	127	9%	1,388	100%
	2013-2014	943	74%	165	13%	159	13%	1,267	100%
Decline to State	2011-2012	121	74%	23	14%	20	12%	164	100%
	2012-2013	108	78%	17	12%	13	9%	138	100%
	2013-2014	200	81%	31	13%	16	6%	247	100%
Filipino	2011-2012	136	62%	41	19%	44	20%	221	100%
	2012-2013	128	66%	43	22%	24	12%	195	100%
	2013-2014	150	65%	37	16%	44	19%	231	100%
Latino/a	2011-2012	229	59%	86	22%	71	18%	386	100%
	2012-2013	267	56%	110	23%	103	21%	480	100%
	2013-2014	257	50%	127	25%	132	26%	516	100%
Native American	2011-2012	7	58%	2	17%	3	25%	12	100%
	2012-2013	11	58%	4	21%	4	21%	19	100%
	2013-2014	6	55%	2	18%	3	27%	11	100%
Pacific Islander	2011-2012	14	70%	3	15%	3	15%	20	100%
	2012-2013	25	71%	7	20%	3	9%	35	100%
	2013-2014	16	57%	6	21%	6	21%	28	100%
White	2011-2012	646	77%	76	9%	112	13%	834	100%
	2012-2013	583	70%	114	14%	135	16%	832	100%
	2013-2014	579	70%	111	13%	138	17%	828	100%

Notes and Definitions

Data is for the fiscal year, including summer (and Foothill's 2012 and 2013 early 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:

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)

			2011-2012	2012-2013	2013-2014	% Inc
CHEM	F001A	Enrollment	530	594	648	9%
		Productivity	497	495	486	-2%
	F001B	Enrollment	417	388	429	11%
		Productivity	459	415	459	11%
	F001C	Enrollment	270	274	263	-4%
		Productivity	424	410	408	-0%
	F012A	Enrollment	170	162	165	2%
		Productivity	491	507	427	-16%
	F012B	Enrollment	125	133	141	6%
		Productivity	408	416	423	2%
	F012C	Enrollment	70	102	77	-25%
		Productivity	431	331	320	-3%
	F020.	Enrollment			17	
		Productivity			256	
	F025.	Enrollment	587	645	608	-6%
		Productivity	665	614	539	-12%
	F030A	Enrollment	559	633	636	0%
		Productivity	549	551	550	-0%
	F030B	Enrollment	214	235	211	-10%
		Productivity	397	400	379	-5%
	F070.	Enrollment	48	26	9	-65%
		Productivity	242	197	136	-31%
	F100.	Enrollment	57			
		Productivity	#INF			
	F100X	Enrollment	19			
		Productivity	#INF			
	F100Y	Enrollment	14			
		Productivity	#INF			

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Success Rates by Course (multiple years)

			Success		NonSuccess		Withdraw		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
CHEM	F001A	2011-2012	383	73%	62	12%	77	15%	522	100%
		2012-2013	418	70%	90	15%	86	14%	594	100%
		2013-2014	410	63%	125	19%	113	17%	648	100%
F001B	2011-2012	287	71%	59	15%	60	15%	406	100%	
	2012-2013	263	68%	69	18%	56	14%	388	100%	
	2013-2014	307	72%	64	15%	58	14%	429	100%	
F001C	2011-2012	202	75%	33	12%	34	13%	269	100%	
	2012-2013	212	77%	27	10%	35	13%	274	100%	
	2013-2014	186	71%	31	12%	46	17%	263	100%	
F012A	2011-2012	120	72%	23	14%	23	14%	166	100%	
	2012-2013	120	74%	30	19%	12	7%	162	100%	
	2013-2014	121	74%	23	14%	20	12%	164	100%	
F012B	2011-2012	99	80%	11	9%	13	11%	123	100%	
	2012-2013	94	71%	20	15%	19	14%	133	100%	
	2013-2014	110	78%	17	12%	14	10%	141	100%	
F012C	2011-2012	54	78%	4	6%	11	16%	69	100%	
	2012-2013	92	90%	6	6%	4	4%	102	100%	
	2013-2014	69	90%	1	1%	7	9%	77	100%	
F020.	2013-2014	12	71%	5	29%			17	100%	
F025.	2011-2012	411	72%	79	14%	84	15%	574	100%	
	2012-2013	453	70%	99	15%	93	14%	645	100%	
	2013-2014	402	66%	110	18%	94	16%	606	100%	
F030A	2011-2012	396	73%	78	14%	71	13%	545	100%	
	2012-2013	404	64%	132	21%	97	15%	633	100%	
	2013-2014	401	63%	113	18%	122	19%	636	100%	
F030B	2011-2012	146	71%	23	11%	38	18%	207	100%	
	2012-2013	197	84%	16	7%	21	9%	234	100%	
	2013-2014	165	78%	13	6%	33	16%	211	100%	
F070.	2011-2012	30	88%	4	12%			34	100%	
	2012-2013	17	71%	2	8%	5	21%	24	100%	
	2013-2014	6	67%			3	33%	9	100%	
F100.	2011-2012	44	79%	7	13%	5	9%	56	100%	
F100X	2011-2012	17	94%	1	6%			18	100%	
F100Y	2011-2012	11	85%	1	8%	1	8%	13	100%	