

PROGRAM REVIEW DATA

10/19/15

Foothill College

Chemistry-FD

Physical Scienc, Math & Engin

Enrollment Trends

	2012-13	2013-14	2014-15	1 yr % Inc
Unduplicated Headcount	2,119	2,110	2,145	1.7%
Enrollment	3,191	3,201	3,144	-1.8%
Sections	119	122	120	-1.6%
WSCH	25,622	26,010	25,463	-2.1%
FTES	570	578	566	-2.1%
FTEF	18.0	18.6	18.2	-2.2%
Productivity	476	465	466	0.1%

Full and Part Time Faculty Load

	2012-13	2013-14	2014-15	1 yr % Inc
Full Time Load	6.5	6.0	7.0	16.0%
Full Time %	36%	32%	38%	18.6%
Overload	1.1	0.4	0.0	-89.0%
Overload %	6%	2%	0%	-88.7%
Part Time Load	10.3	12.2	11.2	-8.4%
Part Time %	58%	65%	61%	-6.3%
Total FTEF	18.0	18.6	18.2	-2.2%

Course Success

	All Students					
	2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	2,270	71%	2,189	68%	2,089	66%
Non Success	491	15%	501	16%	548	17%
Withdrew	430	13%	511	16%	506	16%
Total	3,191	100%	3,201	100%	3,143	100%

Release/Re-assignTime

	2012-13	2013-14	1 yr % Inc
	FTEF	FTEF	FTEF
Teaching	1.30	3.00	130.7%
Total	1.30	3.00	130.7%

Course Success by Targeted Ethnic Groups

	Targeted Groups						Not Targeted Groups					
	2012-13		2013-14		2014-15		2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	460	59%	442	54%	462	53%	1,810	75%	1,747	73%	1,627	71%
Non Success	167	22%	189	23%	210	24%	324	13%	312	13%	338	15%
Withdrew	147	19%	184	23%	194	22%	283	12%	327	14%	312	14%
Total	774	100%	815	100%	866	100%	2,417	100%	2,386	100%	2,277	100%

Distribution by Ethnicity

	2014-15	
	Enr	Percent
African American	97	3%
Asian	1,129	36%
Filipino	199	6%
Latino/a	570	18%
Native American	15	0%
Pacific Islander	35	1%
White	768	24%
Decline to State	331	11%
Total	3,144	100%

Gender

	2014-15	
	Enr	Percent
Female	1,732	55%
Male	1,412	45%
Total	3,144	100%

Age

	2014-15	
	Enr	Percent
19 or less	720	23%
20-24	1,678	53%
25-39	674	21%
40 +	72	2%
Total	3,144	100%

Highest Degree

	2014-15	
	Enr	Percent
Bachelor or higher	398	13%
Associate	93	3%
HS/Equivalent	2,411	77%
All Other	242	8%
Total	3,144	100%

Success Rates by Gender

	2014-15							
	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	1,143	66%	289	17%	299	17%	1,731	100%
Male	946	67%	259	18%	207	15%	1,412	100%
Total	2,089	66%	548	17%	506	16%	3,143	100%

Success Rates by Age Group

	2014-15							
	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	540	75%	104	14%	76	11%	720	100%
20-24	1,045	62%	353	21%	280	17%	1,678	100%
25-39	460	68%	83	12%	130	19%	673	100%
40 +	44	61%	8	11%	20	28%	72	100%

Success Rates by Ethnicity (multiple years)

		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2014-15	58	60%	17	18%	22	23%
	2013-14	38	51%	24	32%	12	16%	74	100%
	2012-13	66	67%	15	15%	18	18%	99	100%
Asian	2014-15	791	70%	181	16%	157	14%	1,129	100%
	2013-14	955	74%	165	13%	163	13%	1,283	100%
	2012-13	1,088	78%	182	13%	129	9%	1,399	100%
Filipino	2014-15	116	58%	46	23%	37	19%	199	100%
	2013-14	149	65%	36	16%	44	19%	229	100%
	2012-13	128	66%	43	22%	24	12%	195	100%
Latino/a	2014-15	288	51%	147	26%	135	24%	570	100%
	2013-14	255	50%	129	25%	128	25%	512	100%
	2012-13	266	55%	109	23%	105	22%	480	100%
Native American	2014-15	7	47%	4	27%	4	27%	15	100%
	2013-14	9	64%	2	14%	3	21%	14	100%
	2012-13	13	62%	4	19%	4	19%	21	100%
Pacific Islander	2014-15	16	46%	12	34%	7	20%	35	100%
	2013-14	14	52%	6	22%	7	26%	27	100%
	2012-13	20	67%	7	23%	3	10%	30	100%
White	2014-15	544	71%	96	13%	127	17%	767	100%
	2013-14	589	70%	112	13%	142	17%	843	100%
	2012-13	593	70%	116	14%	137	16%	846	100%
Decline to State	2014-15	269	81%	45	14%	17	5%	331	100%
	2013-14	180	82%	27	12%	12	5%	219	100%
	2012-13	96	79%	15	12%	10	8%	121	100%

Notes and Definitions

Data is for the fiscal year, including summer (and Foothill's early summer).

Figures include Apprenticeship.

Enrollment trends include students counted for apportionment for those report years.

Success data excludes students that dropped after census.

Ethnicity data prioritizes multi-ethnic students to targeted groups.

Gender data prioritizes unreported to female.

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

Foothill College

Chemistry-FD

Physical Scienc, Math &amp; Engin

Enrollment Trends by Course (multiple years)

		2012-13	2013-14	2014-15	1 yr. % Inc	
CHEM	F001A	Enrollment	594	648	616	-5%
		Productivity	495	486	474	-2%
	F001B	Enrollment	388	429	430	0%
		Productivity	415	459	465	1%
	F001C	Enrollment	274	263	227	-14%
		Productivity	410	408	382	-6%
	F012A	Enrollment	162	164	161	-2%
		Productivity	507	425	419	-1%
	F012B	Enrollment	133	141	119	-16%
		Productivity	416	423	359	-15%
	F012C	Enrollment	102	77	65	-16%
		Productivity	331	320	275	-14%
	F020.	Enrollment		17		-100%
		Productivity		256		-100%
	F025.	Enrollment	645	606	671	11%
		Productivity	614	537	554	3%
	F030A	Enrollment	633	636	680	7%
		Productivity	551	550	611	11%
	F030B	Enrollment	234	211	175	-17%
		Productivity	398	379	325	-14%
	F070.	Enrollment	26	9		-100%
		Productivity	197	136		-100%

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Success Rates by Course (multiple years)

			Success		Non Success		Withdraw		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
CHEM	F001A	2014-15	392	64%	134	22%	90	15%	616	100%
		2013-14	410	63%	125	19%	113	17%	648	100%
		2012-13	418	70%	90	15%	86	14%	594	100%
F001B	2014-15	274	64%	90	21%	66	15%	430	100%	
	2013-14	307	72%	64	15%	58	14%	429	100%	
	2012-13	263	68%	69	18%	56	14%	388	100%	
F001C	2014-15	182	80%	23	10%	22	10%	227	100%	
	2013-14	186	71%	31	12%	46	17%	263	100%	
	2012-13	212	77%	27	10%	35	13%	274	100%	
F012A	2014-15	104	65%	27	17%	30	19%	161	100%	
	2013-14	121	74%	23	14%	20	12%	164	100%	
	2012-13	120	74%	30	19%	12	7%	162	100%	
F012B	2014-15	82	69%	14	12%	23	19%	119	100%	
	2013-14	110	78%	17	12%	14	10%	141	100%	
	2012-13	94	71%	20	15%	19	14%	133	100%	
F012C	2014-15	54	84%	3	5%	7	11%	64	100%	
	2013-14	69	90%	1	1%	7	9%	77	100%	
	2012-13	92	90%	6	6%	4	4%	102	100%	
F020.	2013-14	12	71%	5	29%			17	100%	
F025.	2014-15	449	67%	132	20%	90	13%	671	100%	
	2013-14	402	66%	109	18%	95	16%	606	100%	
	2012-13	453	70%	99	15%	93	14%	645	100%	
F030A	2014-15	422	62%	116	17%	142	21%	680	100%	
	2013-14	401	63%	113	18%	122	19%	636	100%	
	2012-13	404	64%	132	21%	97	15%	633	100%	
F030B	2014-15	130	74%	9	5%	36	21%	175	100%	
	2013-14	165	78%	13	6%	33	16%	211	100%	
	2012-13	197	84%	16	7%	21	9%	234	100%	
F070.	2013-14	6	67%			3	33%	9	100%	
	2012-13	17	65%	2	8%	7	27%	26	100%	