

PROGRAM REVIEW DATA

11/18/14

Foothill College Online Courses

Physical Sciences, Mathematics & Engineering

Enrollment Trends

	2011-2012	2012-2013	2013-2014	% Inc
Unduplicated Headcount	3,385	2,129	2,678	25.8%
Enrollment	4,876	2,524	3,608	42.9%
Sections	129	65	102	56.9%
WSCH	35,973	15,168	21,823	43.9%
FTEF	800	337	485	43.9%
FTEF	14.7	8.6	11.3	31.4%
Productivity	818	591	646	9.5%

Full and Part Time Faculty Load

	2011-2012	2012-2013	2013-2014	% In
Full Time Load	5.6	2.8	3.5	22.8%
Full Time %	38%	33%	31%	-6.6%
Overload	4.9	1.8	1.8	2.6%
Overload %	33%	21%	16%	-22.0%
Part Time Load	4.2	3.9	5.9	51.0%
Part Time %	29%	46%	53%	14.9%
Total FTEF	14.7	8.6	11.3	31.4%

Course Success

	All Students					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	2,992	65%	1,535	61%	2,248	62%
NonSuccess	744	16%	384	15%	548	15%
Withdrew	839	18%	599	24%	808	22%
Total	4,575	100%	2,518	100%	3,604	100%

Release / Re-assign Time

	FTEF

Course Success by Targeted Ethnic Groups

	Targeted Groups					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	411	46%	226	43%	263	42%
NonSuccess	244	28%	126	24%	189	30%
Withdrew	232	26%	168	32%	180	28%
Total	887	100%	520	100%	632	100%

	Not Targeted Groups					
	2013-2014		2011-2012		2012-2013	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,985	67%	2,581	70%	1,309	66%
NonSuccess	359	12%	500	14%	258	13%
Withdrew	628	21%	607	16%	431	22%
Total	2,972	100%	3,688	100%	1,998	100%

Distribution by Ethnicity

	2013-2014	
	Enr	Percent
African American	152	4%
Asian	1,513	42%
Decline to State	276	8%
Filipino	132	4%
Latino/a	348	10%
Native American	19	1%
Pacific Islander	33	1%
White	1,135	31%
Total	3,608	100%

Gender

	2013-2014	
	Enr	Percent
Female	1,397	39%
Male	2,211	61%
Total	3,608	100%

Age

	2013-2014	
	Enr	Percent
19 or less	745	21%
20-24	1,402	39%
25-39	1,078	30%
40 +	383	11%
Total	3,608	100%

Highest Degree

	2013-2014	
	Enr	Percent
BA/BS +	925	26%
AA/AS	134	4%
HS/Special Admit	4	0%
All Other	2,545	71%
Total	3,608	100%

Success Rates by Gender

	2012-2013							
	Success		NonSuccess		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	655	62%	174	16%	236	22%	1,065	100%
Male	880	61%	210	14%	363	25%	1,453	100%

Success Rates by Age Group

	2012-2013							
	Success		NonSuccess		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	389	77%	51	10%	62	12%	502	100%
20-24	555	56%	182	19%	246	25%	983	100%
25-39	451	57%	123	16%	211	27%	785	100%
40 +	140	56%	28	11%	80	32%	248	100%

Success Rates by Ethnicity (multiple years)

		Success		NonSuccess		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2012-2013	45	38%	26	22%	47	40%
	2011-2012	87	40%	64	30%	65	30%	216	100%
	2013-2014	54	36%	53	35%	45	30%	152	100%
Asian	2012-2013	699	69%	111	11%	201	20%	1,011	100%
	2011-2012	1,157	73%	201	13%	219	14%	1,577	100%
	2013-2014	1,037	69%	163	11%	312	21%	1,512	100%
Decline to State	2012-2013	103	69%	21	14%	25	17%	149	100%
	2011-2012	173	69%	39	15%	40	16%	252	100%
	2013-2014	204	74%	29	11%	43	16%	276	100%
Filipino	2012-2013	52	52%	22	22%	26	26%	100	100%
	2011-2012	91	53%	36	21%	45	26%	172	100%
	2013-2014	58	44%	42	32%	32	24%	132	100%
Latino/a	2012-2013	129	43%	78	26%	95	31%	302	100%
	2011-2012	233	47%	144	29%	122	24%	499	100%
	2013-2014	151	43%	94	27%	103	30%	348	100%
Native American	2012-2013	15	65%	3	13%	5	22%	23	100%
	2011-2012	28	62%	6	13%	11	24%	45	100%
	2013-2014	8	42%	4	21%	7	37%	19	100%
Pacific Islander	2012-2013	9	32%	7	25%	12	43%	28	100%
	2011-2012	16	41%	12	31%	11	28%	39	100%
	2013-2014	15	45%	9	27%	9	27%	33	100%
White	2012-2013	483	61%	116	15%	188	24%	787	100%
	2011-2012	1,207	68%	242	14%	326	18%	1,775	100%
	2013-2014	721	64%	154	14%	257	23%	1,132	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