

PROGRAM REVIEW DATA

11/18/14

Foothill College Face-to-Face and Hybrid Courses

Physical Sciences, Mathematics & Engineering

Enrollment Trends

	2011-2012	2012-2013	2013-2014	% Inc
Unduplicated Headcount	7,043	7,232	7,722	6.8%
Enrollment	18,152	18,509	22,183	19.8%
Sections	519	544	580	6.6%
WSCH	95,956	98,716	106,523	7.9%
FTES	2,133	2,194	2,368	7.9%
FTEF	60.3	64.2	68.8	7.1%
Productivity	531	512	516	0.7%

Full and Part Time Faculty Load

	2011-2012	2012-2013	2013-2014	% Inc
Full Time Load	26.4	26.6	29.6	11.3%
Full Time %	44%	41%	43%	3.9%
Overload	7.1	5.6	4.9	-12.6%
Overload %	12%	9%	7%	-18.4%
Part Time Load	26.8	32.1	34.3	7.1%
Part Time %	44%	50%	50%	-0.0%
Total FTEF	60.3	64.2	68.8	7.1%

Course Success

	All Students					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	9,935	64%	10,190	66%	10,852	65%
NonSuccess	3,134	20%	3,192	21%	3,523	21%
Withdrew	2,373	15%	2,158	14%	2,294	14%
Total	15,442	100%	15,540	100%	16,669	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	2,128	53%	2,209	56%	2,288	53%
NonSuccess	1,104	28%	1,045	27%	1,244	29%
Withdrew	780	19%	677	17%	808	19%
Total	4,012	100%	3,931	100%	4,340	100%

	Not Targeted Groups					
	2013-2014		2011-2012		2012-2013	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	8,564	69%	7,807	68%	7,981	69%
NonSuccess	2,279	18%	2,030	18%	2,147	18%
Withdrew	1,486	12%	1,593	14%	1,481	13%
Total	12,329	100%	11,430	100%	11,609	100%

Distribution by Ethnicity

	2013-2014	
	Enr	Percent
African American	807	4%
Asian	7,267	33%
Decline to State	2,599	12%
Filipino	956	4%
Latino/a	4,010	18%
Native American	111	1%
Pacific Islander	249	1%
White	6,184	28%
Total	22,183	100%

Gender

	2013-2014	
	Enr	Percent
Female	9,355	42%
Male	12,828	58%
Total	22,183	100%

Age

	2013-2014	
	Enr	Percent
19 or less	5,920	27%
20-24	11,217	51%
25-39	4,088	18%
40 +	958	4%
Total	22,183	100%

Highest Degree

	2013-2014	
	Enr	Percent
BA/BS +	1,886	9%
AA/AS	630	3%
HS/Special Admit	93	0%
All Other	19,574	88%
Total	22,183	100%

Success Rates by Gender

	2012-2013							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	4,342	67%	1,240	19%	940	14%	6,522	100%
Male	5,848	65%	1,952	22%	1,218	14%	9,018	100%

Success Rates by Age Group

	2012-2013							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	3,159	70%	904	20%	439	10%	4,502	100%
20-24	4,784	63%	1,677	22%	1,102	15%	7,563	100%
25-39	1,815	64%	504	18%	507	18%	2,826	100%
40 +	432	67%	107	16%	110	17%	649	100%

Success Rates by Ethnicity (multiple years)

		Success		NonSuccess		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2012-2013	339	54%	176	28%	109	17%
	2011-2012	309	50%	185	30%	123	20%	617	100%
	2013-2014	283	49%	182	31%	118	20%	583	100%
Asian	2012-2013	4,108	71%	1,074	18%	636	11%	5,818	100%
	2011-2012	3,851	69%	978	18%	722	13%	5,551	100%
	2013-2014	3,796	70%	960	18%	697	13%	5,453	100%
Decline to State	2012-2013	722	71%	194	19%	108	11%	1,024	100%
	2011-2012	733	70%	193	18%	123	12%	1,049	100%
	2013-2014	1,435	75%	358	19%	132	7%	1,925	100%
Filipino	2012-2013	381	61%	142	23%	99	16%	622	100%
	2011-2012	379	55%	170	24%	145	21%	694	100%
	2013-2014	435	60%	160	22%	129	18%	724	100%
Latino/a	2012-2013	1,489	55%	727	27%	469	17%	2,685	100%
	2011-2012	1,440	53%	749	28%	512	19%	2,701	100%
	2013-2014	1,570	52%	902	30%	561	18%	3,033	100%
Native American	2012-2013	57	62%	19	21%	16	17%	92	100%
	2011-2012	54	56%	21	22%	22	23%	97	100%
	2013-2014	47	57%	21	26%	14	17%	82	100%
Pacific Islander	2012-2013	99	53%	47	25%	42	22%	188	100%
	2011-2012	91	54%	44	26%	35	21%	170	100%
	2013-2014	103	55%	53	28%	30	16%	186	100%
White	2012-2013	2,995	67%	813	18%	679	15%	4,487	100%
	2011-2012	3,078	67%	794	17%	691	15%	4,563	100%
	2013-2014	3,183	68%	887	19%	613	13%	4,683	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