

PROGRAM REVIEW DATA

10/28/14

Foothill College

Computer Science-FI

Physical Scienc, Math & Engin

Enrollment Trends

	2012-2013	2013-2014	% Inc
Unduplicated Headcount	1,325	2,323	75.3%
Enrollment	2,009	3,851	91.7%
Sections	59	120	103.4%
WSCH	13,632	25,570	87.6%
FTES	303	568	87.6%
FTEF	6.7	13.0	95.0%
Productivity	682	656	-3.8%

Full and Part Time Faculty Load

	2012-2013	2013-2014	% Inc
Full Time Load	3.1	4.0	30.5%
Full Time %	46%	31%	-33.1%
Overload	0.8	1.1	41.5%
Overload %	12%	9%	-27.5%
Part Time Load	2.8	7.9	181.3%
Part Time %	42%	60%	44.3%
Total FTEF	6.7	13.0	95.0%

Course Success

	All Students			
	2012-2013		2013-2014	
	Grades	Percent	Grades	Percent
Success	1,255	63%	2,409	63%
NonSuccess	304	15%	556	14%
Withdraw	447	22%	871	23%
Total	2,006	100%	3,836	100%

Release/Re-assignTime

	2012-2013	% Inc
	FTEF	FTEF
NonTeaching	0.04	
Teaching	0.33	
Total	0.37	

Course Success by Targeted Ethnic Groups

	Targeted Groups			
	2012-2013		2013-2014	
	Grades	Percent	Grades	Percent
Success	118	44%	259	44%
NonSuccess	61	23%	143	24%
Withdraw	90	33%	190	32%
Total	269	100%	592	100%

	Not Targeted Groups			
	2012-2013		2013-2014	
	Grades	Percent	Grades	Percent
Success	1,137	65%	2,150	66%
NonSuccess	243	14%	413	13%
Withdraw	357	21%	681	21%
Total	1,737	100%	3,244	100%

Distribution by Ethnicity

	2013-2014	
	Enr	Percent
African American	149	4%
Asian	1,578	41%
Decline to State	299	8%
Filipino	105	3%
Latino/a	338	9%
Native American	20	1%
Pacific Islander	27	1%
White	1,335	35%
Total	3,851	100%

Gender

	2013-2014	
	Enr	Percent
Female	1,039	27%
Male	2,812	73%
Total	3,851	100%

Age

	2013-2014	
	Enr	Percent
19 or less	650	17%
20-24	1,245	32%
25-39	1,310	34%
40 +	646	17%
Total	3,851	100%

Highest Degree

	2013-2014	
	Enr	Percent
BA/BS +	1,298	34%
AA/AS	170	4%
HS/Special Admit	3	0%
All Other	2,380	62%
Total	3,851	100%

Success Rates by Gender

	2013-2014							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	668	64%	139	13%	229	22%	1,036	100%
Male	1,741	62%	417	15%	642	23%	2,800	100%

Success Rates by Age Group

	2013-2014							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	476	74%	59	9%	112	17%	647	100%
20-24	754	61%	172	14%	312	25%	1,238	100%
25-39	762	58%	237	18%	306	23%	1,305	100%
40 +	417	65%	88	14%	141	22%	646	100%

Success Rates by Ethnicity (multiple years)

		Success		NonSuccess		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2012-2013	30	39%	19	25%	27	36%
African American	2013-2014	56	38%	44	30%	49	33%	149	100%
Asian	2012-2013	544	68%	104	13%	149	19%	797	100%
Asian	2013-2014	1,063	68%	179	11%	330	21%	1,572	100%
Decline to State	2012-2013	113	71%	23	14%	23	14%	159	100%
Decline to State	2013-2014	212	71%	35	12%	52	17%	299	100%
Filipino	2012-2013	14	37%	12	32%	12	32%	38	100%
Filipino	2013-2014	40	38%	35	33%	30	29%	105	100%
Latino/a	2012-2013	74	48%	30	19%	51	33%	155	100%
Latino/a	2013-2014	163	48%	64	19%	111	33%	338	100%
Native American	2012-2013	10	63%	3	19%	3	19%	16	100%
Native American	2013-2014	8	42%	6	32%	5	26%	19	100%
Pacific Islander	2012-2013	5	25%	3	15%	12	60%	20	100%
Pacific Islander	2013-2014	14	52%	4	15%	9	33%	27	100%
White	2012-2013	465	62%	110	15%	170	23%	745	100%
White	2013-2014	853	64%	189	14%	285	21%	1,327	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)

			2012-2013	2013-2014	% Inc
C S	F001A	Enrollment	615	955	55%
		Productivity	734	817	11%
	F001B	Enrollment	157	264	68%
		Productivity	605	570	-6%
	F001C	Enrollment	87	123	41%
		Productivity	530	542	2%
	F002A	Enrollment	501	713	42%
		Productivity	755	797	6%
	F002B	Enrollment	103	158	53%
		Productivity	366	616	68%
	F002C	Enrollment	29	83	186%
		Productivity	599	578	-3%
	F010.	Enrollment	71	67	-6%
		Productivity	434	265	-39%
	F018.	Enrollment		17	
		Productivity		#INF	
	F020A	Enrollment		54	
		Productivity		352	
	F021A	Enrollment		219	
		Productivity		704	
	F022A	Enrollment		189	
		Productivity		711	
	F030A	Enrollment		215	
		Productivity		707	
	F030B	Enrollment		19	
		Productivity		285	
	F031A	Enrollment		110	
		Productivity		433	
	F040A	Enrollment		18	
		Productivity		378	
	F049.	Enrollment		84	
		Productivity		636	
	F050A	Enrollment	123	115	-7%
		Productivity	968	785	-19%
	F050B	Enrollment	77	69	-10%
		Productivity	795	719	-10%
	F050C	Enrollment	38	42	11%
		Productivity	785	438	-44%
	F050D	Enrollment	33	30	-9%
		Productivity	681	721	6%

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		2012-2013	2013-2014	% Inc
F050E	Enrollment		31	
	Productivity		640	
F052A	Enrollment	24	21	-13%
	Productivity	496	434	-13%
F052B	Enrollment	22	20	-9%
	Productivity	454	420	-7%
F052C	Enrollment	27		-100%
	Productivity	558		-100%
F054A	Enrollment	48	26	-46%
	Productivity	991	537	-46%
F054B	Enrollment	54	35	-35%
	Productivity	1,115	736	-34%
F054C	Enrollment		25	
	Productivity		530	
F060A	Enrollment		38	
	Productivity		799	
F060B	Enrollment		24	
	Productivity		505	
F063A	Enrollment		41	
	Productivity		423	
F064A	Enrollment		46	
	Productivity		475	

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Success Rates by Course (multiple years)

			Success		NonSuccess		Withdrawn		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
C S	F001A	2012-2013	372	61%	93	15%	149	24%	614	100%
		2013-2014	602	63%	116	12%	234	25%	952	100%
	F001B	2012-2013	87	56%	15	10%	54	35%	156	100%
		2013-2014	178	68%	24	9%	61	23%	263	100%
	F001C	2012-2013	46	53%	4	5%	37	43%	87	100%
		2013-2014	62	50%	11	9%	50	41%	123	100%
	F002A	2012-2013	331	66%	55	11%	114	23%	500	100%
		2013-2014	471	66%	67	9%	174	24%	712	100%
	F002B	2012-2013	56	54%	15	15%	32	31%	103	100%
		2013-2014	103	65%	15	9%	40	25%	158	100%
	F002C	2012-2013	22	76%			7	24%	29	100%
		2013-2014	60	72%	2	2%	21	25%	83	100%
	F010.	2012-2013	56	79%	9	13%	6	8%	71	100%
		2013-2014	39	59%	7	11%	20	30%	66	100%
	F018.	2013-2014	11	65%	4	24%	2	12%	17	100%
	F020A	2013-2014	26	49%	12	23%	15	28%	53	100%
	F021A	2013-2014	149	68%	29	13%	41	19%	219	100%
	F022A	2013-2014	114	60%	23	12%	52	28%	189	100%
	F030A	2013-2014	146	68%	38	18%	31	14%	215	100%
	F030B	2013-2014	9	47%	5	26%	5	26%	19	100%
	F031A	2013-2014	66	60%	22	20%	22	20%	110	100%
	F040A	2013-2014	15	83%			3	17%	18	100%
	F049.	2013-2014	40	48%	21	25%	23	27%	84	100%
	F050A	2012-2013	67	54%	38	31%	18	15%	123	100%
		2013-2014	48	45%	42	39%	17	16%	107	100%
	F050B	2012-2013	36	47%	31	40%	10	13%	77	100%
		2013-2014	34	49%	20	29%	15	22%	69	100%
	F050C	2012-2013	31	82%	4	11%	3	8%	38	100%
		2013-2014	24	57%	9	21%	9	21%	42	100%
	F050D	2012-2013	18	55%	15	45%			33	100%
		2013-2014	23	77%	4	13%	3	10%	30	100%
	F050E	2013-2014	23	74%	7	23%	1	3%	31	100%
	F052A	2012-2013	16	67%	3	13%	5	21%	24	100%
		2013-2014	8	38%	11	52%	2	10%	21	100%
	F052B	2012-2013	18	82%	4	18%			22	100%
		2013-2014	15	75%	4	20%	1	5%	20	100%
F052C	2012-2013	15	56%	8	30%	4	15%	27	100%	
F054A	2012-2013	38	79%	6	13%	4	8%	48	100%	
	2013-2014	21	81%	2	8%	3	12%	26	100%	
F054B	2012-2013	46	85%	4	7%	4	7%	54	100%	
	2013-2014	25	71%	10	29%			35	100%	
F054C	2013-2014	16	64%	6	24%	3	12%	25	100%	
F060A	2013-2014	30	79%	3	8%	5	13%	38	100%	
F060B	2013-2014	16	67%	6	25%	2	8%	24	100%	
F063A	2013-2014	18	44%	18	44%	5	12%	41	100%	

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		Success		NonSuccess		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
F064A	2013-2014	17	37%	18	39%	11	24%	46	100%