

PROGRAM REVIEW DATA

10/19/15

Foothill College

Computer Science-FH
Programming

Physical Scienc, Math & Engin

Enrollment Trends

	2012-13	2013-14	2014-15	1 yr % Inc
Unduplicated Headcount	1,145	2,150	2,499	16.2%
Enrollment	1,562	3,369	3,989	18.4%
Sections	47	103	120	16.5%
WSCH	10,380	22,182	27,600	24.4%
FTES	231	493	614	24.4%
FTEF	5.3	11.2	13.2	17.7%
Productivity	651	659	697	5.7%

Full and Part Time Faculty Load

	2012-13	2013-14	2014-15	1 yr % Inc
Full Time Load	2.3	3.0	2.8	-8.7%
Full Time %	43%	27%	21%	-22.4%
Overload	0.2	0.3	0.7	97.6%
Overload %	4%	3%	5%	67.9%
Part Time Load	2.8	7.9	9.8	24.4%
Part Time %	53%	70%	74%	5.7%
Total FTEF	5.3	11.2	13.2	17.7%

Course Success

	All Students					
	2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	970	62%	2,126	63%	2,598	65%
Non Success	191	12%	432	13%	451	11%
Withdrew	399	26%	810	24%	939	24%
Total	1,560	100%	3,368	100%	3,988	100%

Release/Re-assignTime

	2012-13	1 yr % Inc
	FTEF	FTEF
Non Teaching	0.11	
Teaching	1.00	
Total	1.11	

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	83	40%	206	44%	209	41%	887	66%	1,920	66%	2,389	69%
Non Success	42	20%	109	23%	93	18%	149	11%	323	11%	358	10%
Withdrew	83	40%	158	33%	204	40%	316	23%	652	23%	735	21%
Total	208	100%	473	100%	506	100%	1,352	100%	2,895	100%	3,482	100%

Distribution by Ethnicity

	2014-15	
	Enr	Percent
African American	110	3%
Asian	1,800	45%
Filipino	93	2%
Latino/a	303	8%
Native American	13	0%
Pacific Islander	23	1%
White	1,290	32%
Decline to State	357	9%
Total	3,989	100%

Gender

	2014-15	
	Enr	Percent
Female	1,179	30%
Male	2,810	70%
Total	3,989	100%

Age

	2014-15	
	Enr	Percent
19 or less	797	20%
20-24	1,371	34%
25-39	1,317	33%
40 +	504	13%
Total	3,989	100%

Highest Degree

	2014-15	
	Enr	Percent
Bachelor or higher	1,286	32%
Associate	127	3%
HS/Equivalent	2,100	53%
All Other	476	12%
Total	3,989	100%

Success Rates by Gender

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	810	69%	99	8%	269	23%	1,178	100%
Male	1,788	64%	352	13%	670	24%	2,810	100%
Total	2,598	65%	451	11%	939	24%	3,988	100%

Success Rates by Age Group

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	623	78%	57	7%	117	15%	797	100%
20-24	840	61%	181	13%	350	26%	1,371	100%
25-39	800	61%	162	12%	354	27%	1,316	100%
40 +	335	66%	51	10%	118	23%	504	100%

Success Rates by Ethnicity (multiple years)

		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		2014-15	2013-14	2012-13	2014-15	2013-14	2012-13	2014-15	2013-14
African American	2014-15	42	38%	20	18%	48	44%	110	100%
	2013-14	39	39%	25	25%	35	35%	99	100%
	2012-13	16	35%	11	24%	19	41%	46	100%
Asian	2014-15	1,264	70%	171	10%	365	20%	1,800	100%
	2013-14	1,017	68%	161	11%	319	21%	1,497	100%
	2012-13	454	68%	72	11%	142	21%	668	100%
Filipino	2014-15	35	38%	14	15%	44	47%	93	100%
	2013-14	36	40%	32	35%	23	25%	91	100%
	2012-13	10	33%	8	27%	12	40%	30	100%
Latino/a	2014-15	132	44%	59	19%	112	37%	303	100%
	2013-14	131	46%	52	18%	100	35%	283	100%
	2012-13	57	43%	23	17%	52	39%	132	100%
Native American	2014-15	9	69%			4	31%	13	100%
	2013-14	6	43%	4	29%	4	29%	14	100%
	2012-13	9	64%	1	7%	4	29%	14	100%
Pacific Islander	2014-15	5	22%	6	26%	12	52%	23	100%
	2013-14	9	38%	4	17%	11	46%	24	100%
	2012-13	3	18%	3	18%	11	65%	17	100%
White	2014-15	864	67%	136	11%	289	22%	1,289	100%
	2013-14	703	64%	128	12%	275	25%	1,106	100%
	2012-13	345	63%	61	11%	141	26%	547	100%
Decline to State	2014-15	247	69%	45	13%	65	18%	357	100%
	2013-14	185	73%	26	10%	43	17%	254	100%
	2012-13	76	72%	12	11%	18	17%	106	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

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Enrollment Trends by Course (multiple years)

			2012-13	2013-14	2014-15	1 yr. % Inc
C S	F001A	Enrollment	614	952	1,049	10%
		Productivity	733	815	817	0%
	F001B	Enrollment	157	263	318	21%
		Productivity	605	567	543	-4%
	F001C	Enrollment	87	123	181	47%
		Productivity	530	542	634	17%
	F002A	Enrollment	501	712	719	1%
		Productivity	755	796	795	-0%
	F002B	Enrollment	103	158	235	49%
		Productivity	366	616	561	-9%
	F002C	Enrollment	29	83	78	-6%
		Productivity	599	578	410	-29%
	F010.	Enrollment	71	67	74	10%
		Productivity	434	265	519	96%
	F018.	Enrollment		17		-100%
		Productivity		#INF		#NAN
	F020A	Enrollment		53	43	-19%
		Productivity		345	452	31%
	F021A	Enrollment		219	408	86%
		Productivity		704	858	22%
	F022A	Enrollment		189	182	-4%
		Productivity		711	956	35%
	F030A	Enrollment		215	247	15%
		Productivity		707	742	5%
	F030B	Enrollment		19	22	16%
		Productivity		285	462	62%
	F030C	Enrollment			19	
		Productivity			399	
	F031A	Enrollment		110	117	6%
		Productivity		433	820	89%
	F040A	Enrollment		18	10	-44%
		Productivity		378	210	-44%
	F049.	Enrollment		84	86	2%
		Productivity		636	484	-24%
	F063A	Enrollment		41	68	66%
		Productivity		423	476	13%
	F064A	Enrollment		46	91	98%
		Productivity		475	478	1%
	F082A	Enrollment			42	
		Productivity			883	

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			Success		Non Success		Withdrew		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
C S	F001A	2014-15	648	62%	118	11%	283	27%	1049	100%
		2013-14	602	63%	116	12%	234	25%	952	100%
		2012-13	372	61%	93	15%	149	24%	614	100%
	F001B	2014-15	195	61%	30	9%	93	29%	318	100%
		2013-14	178	68%	24	9%	61	23%	263	100%
		2012-13	87	56%	15	10%	54	35%	156	100%
	F001C	2014-15	126	70%	7	4%	47	26%	180	100%
		2013-14	62	50%	11	9%	50	41%	123	100%
		2012-13	46	53%	4	5%	37	43%	87	100%
	F002A	2014-15	498	69%	77	11%	144	20%	719	100%
		2013-14	471	66%	67	9%	174	24%	712	100%
		2012-13	331	66%	55	11%	114	23%	500	100%
	F002B	2014-15	177	75%	21	9%	37	16%	235	100%
		2013-14	103	65%	15	9%	40	25%	158	100%
		2012-13	56	54%	15	15%	32	31%	103	100%
	F002C	2014-15	53	68%	3	4%	22	28%	78	100%
		2013-14	60	72%	2	2%	21	25%	83	100%
		2012-13	22	76%			7	24%	29	100%
	F010.	2014-15	50	68%	1	1%	23	31%	74	100%
		2013-14	39	59%	7	11%	20	30%	66	100%
		2012-13	56	79%	9	13%	6	8%	71	100%
	F018.	2013-14	11	65%	4	24%	2	12%	17	100%
	F020A	2014-15	24	56%	6	14%	13	30%	43	100%
		2013-14	26	49%	12	23%	15	28%	53	100%
	F021A	2014-15	259	63%	50	12%	99	24%	408	100%
		2013-14	149	68%	29	13%	41	19%	219	100%
	F022A	2014-15	128	70%	17	9%	37	20%	182	100%
		2013-14	114	60%	23	12%	52	28%	189	100%
	F030A	2014-15	182	74%	36	15%	29	12%	247	100%
		2013-14	146	68%	38	18%	31	14%	215	100%
	F030B	2014-15	5	23%	10	45%	7	32%	22	100%
		2013-14	9	47%	5	26%	5	26%	19	100%
	F030C	2014-15	17	89%			2	11%	19	100%
	F031A	2014-15	80	68%	18	15%	19	16%	117	100%
		2013-14	66	60%	22	20%	22	20%	110	100%
	F040A	2014-15	9	90%			1	10%	10	100%
		2013-14	15	83%			3	17%	18	100%
	F049.	2014-15	43	50%	17	20%	26	30%	86	100%
		2013-14	40	48%	21	25%	23	27%	84	100%
	F063A	2014-15	27	40%	15	22%	26	38%	68	100%
		2013-14	18	44%	18	44%	5	12%	41	100%
	F064A	2014-15	45	49%	21	23%	25	27%	91	100%
		2013-14	17	37%	18	39%	11	24%	46	100%
	F082A	2014-15	32	76%	4	10%	6	14%	42	100%