

PROGRAM REVIEW DATA

10/19/15

Foothill College

Computer Science-FH

Physical Scienc, Math & Engin

Enrollment Trends

	2012-13	2013-14	2014-15	1 yr % Inc
Unduplicated Headcount	1,324	2,318	2,660	14.8%
Enrollment	2,008	3,837	4,404	14.8%
Sections	59	119	134	12.6%
WSCH	13,625	25,488	30,505	19.7%
FTES	303	567	678	19.7%
FTEF	6.7	13.0	14.8	13.4%
Productivity	681	653	689	5.5%

Full and Part Time Faculty Load

	2012-13	2013-14	2014-15	1 yr % Inc
Full Time Load	3.1	4.0	3.4	-15.0%
Full Time %	46%	31%	23%	-25.1%
Overload	0.8	1.1	1.6	38.9%
Overload %	12%	9%	11%	22.4%
Part Time Load	2.8	7.9	9.8	24.4%
Part Time %	42%	60%	66%	9.6%
Total FTEF	6.7	13.0	14.8	13.4%

Course Success

	All Students					
	2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,255	63%	2,409	63%	2,870	65%
Non Success	304	15%	556	14%	549	12%
Withdraw	447	22%	871	23%	977	22%
Total	2,006	100%	3,836	100%	4,396	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	120	44%	261	44%	271	44%	1,135	66%	2,148	66%	2,599	69%
Non Success	62	23%	140	24%	125	20%	242	14%	416	13%	424	11%
Withdraw	93	34%	190	32%	220	36%	354	20%	681	21%	757	20%
Total	275	100%	591	100%	616	100%	1,731	100%	3,245	100%	3,780	100%

Distribution by Ethnicity

	2014-15	
	Enr	Percent
African American	156	4%
Asian	1,917	44%
Filipino	104	2%
Latino/a	361	8%
Native American	14	0%
Pacific Islander	25	1%
White	1,456	33%
Decline to State	371	8%
Total	4,404	100%

Gender

	2014-15	
	Enr	Percent
Female	1,245	28%
Male	3,159	72%
Total	4,404	100%

Age

	2014-15	
	Enr	Percent
19 or less	808	18%
20-24	1,439	33%
25-39	1,489	34%
40 +	668	15%
Total	4,404	100%

Highest Degree

	2014-15	
	Enr	Percent
Bachelor or higher	1,425	32%
Associate	180	4%
HS/Equivalent	2,314	53%
All Other	485	11%
Total	4,404	100%

Success Rates by Gender

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	858	69%	112	9%	271	22%	1,241	100%
Male	2,012	64%	437	14%	706	22%	3,155	100%
Total	2,870	65%	549	12%	977	22%	4,396	100%

Success Rates by Age Group

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	631	78%	58	7%	119	15%	808	100%
20-24	885	62%	197	14%	353	25%	1,435	100%
25-39	909	61%	207	14%	370	25%	1,486	100%
40 +	445	67%	87	13%	135	20%	667	100%

Success Rates by Ethnicity (multiple years)

		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2014-15	62	40%	37	24%	57	37%
	2013-14	57	38%	43	28%	51	34%	151	100%
	2012-13	33	42%	20	25%	26	33%	79	100%
Asian	2014-15	1,344	70%	202	11%	371	19%	1,917	100%
	2013-14	1,080	68%	182	11%	332	21%	1,594	100%
	2012-13	549	68%	107	13%	152	19%	808	100%
Filipino	2014-15	44	43%	14	14%	45	44%	103	100%
	2013-14	40	38%	35	33%	30	29%	105	100%
	2012-13	14	37%	12	32%	12	32%	38	100%
Latino/a	2014-15	165	46%	74	21%	118	33%	357	100%
	2013-14	164	49%	62	19%	109	33%	335	100%
	2012-13	73	46%	30	19%	55	35%	158	100%
Native American	2014-15	9	64%			5	36%	14	100%
	2013-14	7	37%	7	37%	5	26%	19	100%
	2012-13	9	60%	1	7%	5	33%	15	100%
Pacific Islander	2014-15	5	20%	7	28%	13	52%	25	100%
	2013-14	9	38%	4	17%	11	46%	24	100%
	2012-13	3	17%	3	17%	12	67%	18	100%
White	2014-15	981	68%	169	12%	303	21%	1,453	100%
	2013-14	860	64%	191	14%	285	21%	1,336	100%
	2012-13	473	63%	109	15%	166	22%	748	100%
Decline to State	2014-15	260	70%	46	12%	65	18%	371	100%
	2013-14	192	71%	32	12%	48	18%	272	100%
	2012-13	101	71%	22	15%	19	13%	142	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%	
F050A	Enrollment	123	107	132	23%	
	Productivity	968	745	925	24%	
F050B	Enrollment	77	69	33	-52%	
	Productivity	795	719	700	-3%	
F050C	Enrollment	38	42	52	24%	
	Productivity	785	438	547	25%	

PROGRAM REVIEW DATA

10/19/15

		2012-13	2013-14	2014-15	1 yr. % Inc
F050D	Enrollment	33	30		-100%
	Productivity	681	721		-100%
F050E	Enrollment		31	18	-42%
	Productivity		640	378	-41%
F052A	Enrollment	24	21	28	33%
	Productivity	496	434	589	36%
F052B	Enrollment	22	20		-100%
	Productivity	454	420		-100%
F052C	Enrollment	27			
	Productivity	558			
F054A	Enrollment	48	26	28	8%
	Productivity	991	537	589	10%
F054B	Enrollment	54	35	32	-9%
	Productivity	1,115	736	673	-9%
F054C	Enrollment		25		-100%
	Productivity		530		-100%
F054D	Enrollment			30	
	Productivity			631	
F060A	Enrollment		38	22	-42%
	Productivity		799	462	-42%
F060B	Enrollment		24	23	-4%
	Productivity		505	483	-4%
F060C	Enrollment			17	
	Productivity			357	
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 Rates by Course (multiple years)

			Success		Non Success		Withdrawn		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%	
F050A	2014-15	76	60%	41	33%	9	7%	126	100%	
	2013-14	48	45%	42	39%	17	16%	107	100%	
	2012-13	67	54%	38	31%	18	15%	123	100%	
F050B	2014-15	21	64%	10	30%	2	6%	33	100%	
	2013-14	34	49%	20	29%	15	22%	69	100%	
	2012-13	36	47%	31	40%	10	13%	77	100%	
F050C	2014-15	33	63%	11	21%	8	15%	52	100%	

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		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
	2013-14	24	57%	9	21%	9	21%	42	100%
	2012-13	31	82%	4	11%	3	8%	38	100%
F050D	2013-14	23	77%	4	13%	3	10%	30	100%
	2012-13	18	55%	15	45%			33	100%
F050E	2014-15	12	67%	6	33%			18	100%
	2013-14	23	74%	7	23%	1	3%	31	100%
F052A	2014-15	19	68%	7	25%	2	7%	28	100%
	2013-14	8	38%	11	52%	2	10%	21	100%
	2012-13	16	67%	3	13%	5	21%	24	100%
F052B	2013-14	15	75%	4	20%	1	5%	20	100%
	2012-13	18	82%	4	18%			22	100%
F052C	2012-13	15	56%	8	30%	4	15%	27	100%
F054A	2014-15	19	68%	6	21%	3	11%	28	100%
	2013-14	21	81%	2	8%	3	12%	26	100%
	2012-13	38	79%	6	13%	4	8%	48	100%
F054B	2014-15	22	69%	6	19%	4	13%	32	100%
	2013-14	25	71%	10	29%			35	100%
	2012-13	46	85%	4	7%	4	7%	54	100%
F054C	2013-14	16	64%	6	24%	3	12%	25	100%
F054D	2014-15	25	86%	2	7%	2	7%	29	100%
F060A	2014-15	14	64%	6	27%	2	9%	22	100%
	2013-14	30	79%	3	8%	5	13%	38	100%
F060B	2014-15	18	78%	2	9%	3	13%	23	100%
	2013-14	16	67%	6	25%	2	8%	24	100%
F060C	2014-15	13	76%	1	6%	3	18%	17	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%