

PROGRAM REVIEW DATA

10/19/15

Foothill College Face to Face & Hybrid Col Computer Science-FH Physical Scienc, Math & Engin

Enrollment Trends

	2012-13	2013-14	2014-15	1 yr % Inc
Unduplicated Headcount	590	916	1,067	16.5%
Enrollment	938	1,412	1,608	13.9%
Sections	30	55	59	7.3%
WSCH	6,633	9,380	10,991	17.2%
FTES	147	209	244	17.2%
FTEF	3.4	5.9	6.3	8.2%
Productivity	652	534	578	8.3%

Full and Part Time Faculty Load

	2012-13	2013-14	2014-15	1 yr % Inc
Full Time Load	1.5	1.8	1.9	5.5%
Full Time %	44%	31%	30%	-2.5%
Overload	0.7	0.8	0.9	13.6%
Overload %	20%	13%	14%	5.0%
Part Time Load	1.2	3.3	3.6	8.4%
Part Time %	36%	56%	56%	0.2%
Total FTEF	3.4	5.9	6.3	8.2%

Course Success

	All Students					
	2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	593	63%	846	60%	1,045	65%
Non Success	201	21%	292	21%	239	15%
Withdraw	144	15%	273	19%	316	20%
Total	938	100%	1,411	100%	1,600	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					
	2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	70	48%	119	45%	131	50%
Non Success	41	28%	67	26%	52	20%
Withdraw	35	24%	76	29%	78	30%
Total	146	100%	262	100%	261	100%

	Not Targeted Groups					
	2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	523	66%	727	63%	914	68%
Non Success	160	20%	225	20%	187	14%
Withdraw	109	14%	197	17%	238	18%
Total	792	100%	1,149	100%	1,339	100%

Distribution by Ethnicity

	2014-15	
	Enr	Percent
African American	81	5%
Asian	582	36%
Filipino	29	2%
Latino/a	156	10%
Native American	5	0%
Pacific Islander	15	1%
White	601	37%
Decline to State	139	9%
Total	1,608	100%

Gender

	2014-15	
	Enr	Percent
Female	356	22%
Male	1,252	78%
Total	1,608	100%

Age

	2014-15	
	Enr	Percent
19 or less	256	16%
20-24	481	30%
25-39	561	35%
40 +	310	19%
Total	1,608	100%

Highest Degree

	2014-15	
	Enr	Percent
Bachelor or higher	466	29%
Associate	87	5%
HS/Equivalent	897	56%
All Other	158	10%
Total	1,608	100%

Success Rates by Gender

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	250	71%	39	11%	63	18%	352	100%
Male	795	64%	200	16%	253	20%	1,248	100%
Total	1,045	65%	239	15%	316	20%	1,600	100%

Success Rates by Age Group

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	196	77%	21	8%	39	15%	256	100%
20-24	274	57%	69	14%	134	28%	477	100%
25-39	368	66%	96	17%	94	17%	558	100%
40 +	207	67%	53	17%	49	16%	309	100%

Success Rates by Ethnicity (multiple years)

		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2014-15	36	44%	24	30%	21	26%
	2013-14	30	39%	25	32%	22	29%	77	100%
	2012-13	23	47%	15	31%	11	22%	49	100%
Asian	2014-15	408	70%	75	13%	99	17%	582	100%
	2013-14	296	63%	87	19%	86	18%	469	100%
	2012-13	211	70%	60	20%	30	10%	301	100%
Filipino	2014-15	17	61%	2	7%	9	32%	28	100%
	2013-14	11	35%	9	29%	11	35%	31	100%
	2012-13	9	45%	7	35%	4	20%	20	100%
Latino/a	2014-15	78	51%	26	17%	48	32%	152	100%
	2013-14	78	51%	33	21%	43	28%	154	100%
	2012-13	38	49%	19	25%	20	26%	77	100%
Native American	2014-15	2	40%			3	60%	5	100%
	2013-14	3	27%	6	55%	2	18%	11	100%
	2012-13	3	38%	1	13%	4	50%	8	100%
Pacific Islander	2014-15	3	20%	6	40%	6	40%	15	100%
	2013-14	1	25%	1	25%	2	50%	4	100%
	2012-13	1	11%	2	22%	6	67%	9	100%
White	2014-15	408	68%	85	14%	105	18%	598	100%
	2013-14	357	64%	109	20%	89	16%	555	100%
	2012-13	253	64%	80	20%	65	16%	398	100%
Decline to State	2014-15	93	67%	21	15%	25	18%	139	100%
	2013-14	70	64%	22	20%	18	16%	110	100%
	2012-13	55	72%	17	22%	4	5%	76	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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Foothill College Face to Face & Hybrid Courses Computer Science-FH Physical Scienc, Math & Engin

Enrollment Trends by Course (multiple years)

		2012-13	2013-14	2014-15	% Inc	
C S	F001A	Enrollment	242	238	331	39%
		Productivity	625	709	773	9%
	F001B	Enrollment	34	69	111	61%
		Productivity	702	324	467	44%
	F001C	Enrollment	17	34	59	74%
		Productivity	351	511	413	-19%
	F002A	Enrollment	117	125	175	40%
		Productivity	604	651	613	-6%
	F002B	Enrollment	11	13	52	300%
		Productivity	227	273	364	33%
	F010.	Enrollment	71	67	74	10%
		Productivity	434	265	519	96%
	F018.	Enrollment		17		-100%
		Productivity		#INF		#NAN
	F021A	Enrollment		102	37	-64%
		Productivity		667	778	17%
	F030A	Enrollment		41	87	112%
		Productivity		427	610	43%
	F030C	Enrollment			19	
		Productivity			399	
	F031A	Enrollment		49		-100%
		Productivity		298		-100%
	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%	
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%	

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		2012-13	2013-14	2014-15	% Inc
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	44	7%
	Productivity		423	462	9%
F064A	Enrollment		46	66	43%
	Productivity		475	462	-3%
F082A	Enrollment			42	
	Productivity			883	

PROGRAM REVIEW DATA

10/19/15

Foothill College Face to Face & Hybrid Courses

Computer Science-FH

Physical Scienc, M

Success Rates by Course (multiple years)

			Success		Non Success		Withdraw		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
C S	F001A	2014-15	215	65%	29	9%	87	26%	331	100%
		2013-14	142	60%	26	11%	70	29%	238	100%
		2012-13	145	60%	46	19%	51	21%	242	100%
	F001B	2014-15	76	68%	9	8%	26	23%	111	100%
		2013-14	47	68%	8	12%	14	20%	69	100%
		2012-13	24	71%	2	6%	8	24%	34	100%
	F001C	2014-15	46	79%	6	10%	6	10%	58	100%
		2013-14	22	65%	6	18%	6	18%	34	100%
		2012-13	10	59%	1	6%	6	35%	17	100%
	F002A	2014-15	105	60%	28	16%	42	24%	175	100%
		2013-14	79	63%	22	18%	24	19%	125	100%
		2012-13	70	60%	25	21%	22	19%	117	100%
	F002B	2014-15	35	67%	6	12%	11	21%	52	100%
		2013-14	10	77%			3	23%	13	100%
		2012-13	3	27%	5	45%	3	27%	11	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%
	F021A	2014-15	28	76%	5	14%	4	11%	37	100%
		2013-14	67	66%	20	20%	15	15%	102	100%
	F030A	2014-15	64	74%	16	18%	7	8%	87	100%
		2013-14	25	61%	9	22%	7	17%	41	100%
	F030C	2014-15	17	89%			2	11%	19	100%
F031A	2013-14	31	63%	9	18%	9	18%	49	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%	
	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%	

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		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
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	20	45%	7	16%	17	39%	44	100%
	2013-14	18	44%	18	44%	5	12%	41	100%
F064A	2014-15	33	50%	13	20%	20	30%	66	100%
	2013-14	17	37%	18	39%	11	24%	46	100%
F082A	2014-15	32	76%	4	10%	6	14%	42	100%