

PROGRAM REVIEW DATA

11/04/15

Foothill College

Astronomy-FD

Physical Scienc, Math & Engin

Enrollment Trends

	2012-13	2013-14	2014-15	1 yr % Inc
Unduplicated Headcount	802	805	700	-13.0%
Enrollment	1,192	1,220	1,066	-12.6%
Sections	24	25	25	0.0%
WSCH	5,123	5,268	4,610	-12.5%
FTES	114	117	102	-12.5%
FTEF	2.2	2.3	2.2	-7.1%
Productivity	776	756	712	-5.8%

Full and Part Time Faculty Load

	2012-13	2013-14	2014-15	1 yr % Inc
Full Time Load	0.9	1.0	1.0	-1.1%
Full Time %	41%	43%	46%	6.5%
Overload	0.5	0.4	0.2	-64.8%
Overload %	23%	19%	7%	-62.1%
Part Time Load	0.8	0.9	1.0	14.9%
Part Time %	35%	38%	47%	23.8%
Total FTEF	2.2	2.3	2.2	-7.1%

Course Success

	All Students					
	2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	936	79%	942	77%	845	79%
Non Success	197	17%	192	16%	143	13%
Withdraw	59	5%	86	7%	78	7%
Total	1,192	100%	1,220	100%	1,066	100%

Release/Re-assignTime

FTEF

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	305	72%	294	70%	240	74%	631	82%	648	81%	605	82%
Non Success	95	22%	89	21%	60	18%	102	13%	103	13%	83	11%
Withdraw	25	6%	39	9%	26	8%	34	4%	47	6%	52	7%
Total	425	100%	422	100%	326	100%	767	100%	798	100%	740	100%

Distribution by Ethnicity

	2014-15	
	Enr	Percent
African American	35	3%
Asian	242	23%
Filipino	54	5%
Latino/a	237	22%
Native American	8	1%
Pacific Islander	19	2%
White	356	33%
Decline to State	115	11%
Total	1,066	100%

Gender

	2014-15	
	Enr	Percent
Female	457	43%
Male	609	57%
Total	1,066	100%

Age

	2014-15	
	Enr	Percent
19 or less	321	30%
20-24	542	51%
25-39	148	14%
40 +	55	5%
Total	1,066	100%

Highest Degree

	2014-15	
	Enr	Percent
Bachelor or higher	33	3%
Associate	6	1%
HS/Equivalent	920	86%
All Other	107	10%
Total	1,066	100%

Success Rates by Gender

	2014-15							
	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	370	81%	54	12%	33	7%	457	100%
Male	475	78%	89	15%	45	7%	609	100%
Total	845	79%	143	13%	78	7%	1,066	100%

Success Rates by Age Group

	2014-15							
	Success		Non Success		Withdraw		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	268	83%	38	12%	15	5%	321	100%
20-24	414	76%	83	15%	45	8%	542	100%
25-39	114	77%	20	14%	14	9%	148	100%
40 +	49	89%	2	4%	4	7%	55	100%

Success Rates by Ethnicity (multiple years)

		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2014-15	28	80%	6	17%	1	3%
	2013-14	45	66%	16	24%	7	10%	68	100%
	2012-13	64	68%	23	24%	7	7%	94	100%
Asian	2014-15	190	79%	32	13%	20	8%	242	100%
	2013-14	206	82%	27	11%	17	7%	250	100%
	2012-13	197	83%	31	13%	8	3%	236	100%
Filipino	2014-15	45	83%	6	11%	3	6%	54	100%
	2013-14	32	67%	8	17%	8	17%	48	100%
	2012-13	24	62%	11	28%	4	10%	39	100%
Latino/a	2014-15	167	70%	48	20%	22	9%	237	100%
	2013-14	217	71%	65	21%	24	8%	306	100%
	2012-13	217	74%	61	21%	14	5%	292	100%
Native American	2014-15	6	75%	1	13%	1	13%	8	100%
	2013-14	7	88%	1	13%			8	100%
	2012-13	17	89%	1	5%	1	5%	19	100%
Pacific Islander	2014-15	10	53%	9	47%			19	100%
	2013-14	11	69%	4	25%	1	6%	16	100%
	2012-13	8	47%	7	41%	2	12%	17	100%
White	2014-15	303	85%	23	6%	30	8%	356	100%
	2013-14	355	81%	57	13%	28	6%	440	100%
	2012-13	365	82%	57	13%	22	5%	444	100%
Decline to State	2014-15	96	83%	18	16%	1	1%	115	100%
	2013-14	69	82%	14	17%	1	1%	84	100%
	2012-13	44	86%	6	12%	1	2%	51	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
ASTR	F010A	Enrollment	456	461	352	-24%
		Productivity	982	998	970	-3%
	F010B	Enrollment	310	333	337	1%
		Productivity	936	1,006	1,019	1%
	F010L	Enrollment	370	368	316	-14%
		Productivity	501	428	369	-14%
	F054H	Enrollment			31	
		Productivity			470	
	F077.	Enrollment	29	32		-100%
		Productivity	439	485		-100%
	F10BH	Enrollment	27	26	30	15%
		Productivity	414	398	459	15%

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Success Rates by Course (multiple years)

			Success		Non Success		Withdrew		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
ASTR	F010A	2014-15	274	78%	48	14%	30	9%	352	100%
		2013-14	346	75%	76	16%	39	8%	461	100%
		2012-13	357	78%	76	17%	23	5%	456	100%
	F010B	2014-15	243	72%	65	19%	29	9%	337	100%
		2013-14	231	69%	84	25%	18	5%	333	100%
		2012-13	211	68%	85	27%	14	5%	310	100%
	F010L	2014-15	269	85%	28	9%	19	6%	316	100%
		2013-14	309	84%	30	8%	29	8%	368	100%
		2012-13	315	85%	35	9%	20	5%	370	100%
	F054H	2014-15	30	97%	1	3%			31	100%
	F077.	2013-14	30	94%	2	6%			32	100%
		2012-13	27	93%	1	3%	1	3%	29	100%
	F10BH	2014-15	29	97%	1	3%			30	100%
		2013-14	26	100%					26	100%
		2012-13	26	96%			1	4%	27	100%