

PROGRAM REVIEW DATA

10/23/14

Foothill College

Astronomy-FD

Physical Scienc, Math & Engin

Enrollment Trends

	2011-2012	2012-2013	2013-2014	% Inc
Unduplicated Headcount	911	803	805	0.2%
Enrollment	1,324	1,195	1,220	2.1%
Sections	24	24	25	4.2%
WSCH	5,779	5,132	5,268	2.7%
FTES	128	114	117	2.7%
FTEF	2.5	2.2	2.3	5.5%
Productivity	768	777	756	-2.7%

Full and Part Time Faculty Load

	2011-2012	2012-2013	2013-2014	% Inc
Full Time Load	0.9	0.9	1.0	9.2%
Full Time %	35%	41%	43%	3.5%
Overload	0.8	0.5	0.4	-13.5%
Overload %	34%	23%	19%	-18.0%
Part Time Load	0.8	0.8	0.9	13.6%
Part Time %	31%	35%	38%	7.7%
Total FTEF	2.5	2.2	2.3	5.5%

Course Success

	All Students					
	2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	1,024	78%	936	79%	941	77%
NonSuccess	196	15%	197	17%	193	16%
Withdraw	91	7%	59	5%	86	7%
Total	1,311	100%	1,192	100%	1,220	100%

Release/Re-assignTime

FTEF

Course Success by Targeted Ethnic Groups

	Targeted Groups						Not Targeted Groups					
	2011-2012		2012-2013		2013-2014		2011-2012		2012-2013		2013-2014	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Success	276	70%	306	72%	295	70%	748	81%	630	82%	646	81%
NonSuccess	84	21%	95	22%	89	21%	112	12%	102	13%	104	13%
Withdraw	32	8%	26	6%	36	9%	59	6%	33	4%	50	6%
Total	392	100%	427	100%	420	100%	919	100%	765	100%	800	100%

Distribution by Ethnicity

	2013-2014	
	Enr	Percent
African American	68	6%
Asian	249	20%
Decline to State	87	7%
Filipino	48	4%
Latino/a	304	25%
Native American	7	1%
Pacific Islander	15	1%
White	442	36%
Total	1,220	100%

Gender

	2013-2014	
	Enr	Percent
Female	531	44%
Male	689	56%
Total	1,220	100%

Age

	2013-2014			2013-2014	
	Enr	Percent		Enr	Percent
19 or less	292	24%	BA/BS +	30	2%
20-24	720	59%	AA/AS	17	1%
25-39	149	12%	HS/Special Admit	2	0%
40 +	59	5%	All Other	1,171	96%
Total	1,220	100%	Total	1,220	100%

Highest Degree

Success Rates by Gender

	2013-2014							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	405	76%	75	14%	51	10%	531	100%
Male	536	78%	118	17%	35	5%	689	100%

Success Rates by Age Group

	2013-2014							
	Success		NonSuccess		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	221	76%	53	18%	18	6%	292	100%
20-24	547	76%	126	18%	47	7%	720	100%
25-39	124	83%	12	8%	13	9%	149	100%
40 +	49	83%	2	3%	8	14%	59	100%

Success Rates by Ethnicity (multiple years)

		Success		NonSuccess		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2011-2012	42	66%	18	28%	4	6%
	2012-2013	64	69%	22	24%	7	8%	93	100%
	2013-2014	45	66%	16	24%	7	10%	68	100%
Asian	2011-2012	213	77%	38	14%	24	9%	275	100%
	2012-2013	194	83%	31	13%	8	3%	233	100%
	2013-2014	206	83%	26	10%	17	7%	249	100%
Decline to State	2011-2012	83	87%	6	6%	6	6%	95	100%
	2012-2013	50	85%	8	14%	1	2%	59	100%
	2013-2014	69	79%	15	17%	3	3%	87	100%
Filipino	2011-2012	45	79%	8	14%	4	7%	57	100%
	2012-2013	24	62%	11	28%	4	10%	39	100%
	2013-2014	32	67%	8	17%	8	17%	48	100%
Latino/a	2011-2012	189	70%	58	21%	24	9%	271	100%
	2012-2013	218	74%	62	21%	15	5%	295	100%
	2013-2014	218	72%	65	21%	21	7%	304	100%
Native American	2011-2012	11	69%	2	13%	3	19%	16	100%
	2012-2013	15	100%					15	100%
	2013-2014	6	86%	1	14%			7	100%
Pacific Islander	2011-2012	12	75%	3	19%	1	6%	16	100%
	2012-2013	10	53%	7	37%	2	11%	19	100%
	2013-2014	11	73%	3	20%	1	7%	15	100%
White	2011-2012	429	83%	63	12%	25	5%	517	100%
	2012-2013	361	82%	56	13%	22	5%	439	100%
	2013-2014	354	80%	59	13%	29	7%	442	100%

Notes and Definitions

Data is for the fiscal year, including 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 (Weekly Student Contact Hours):
Sum of quarterly
End-of-Term Weekly
Student Contact Hours. 4 Quarters.

FTES (Full-Time Equivalent Students):
Fulltime equivalent students,
(WSCH * 11.67) / 525.

FTEF (Full-Time Equivalent Faculty):
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)

			2011-2012	2012-2013	2013-2014	% Inc
ASTR	F010A	Enrollment	441	456	461	1%
		Productivity	832	982	998	2%
	F010B	Enrollment	449	310	333	7%
		Productivity	969	936	1,006	8%
	F010L	Enrollment	370	373	368	-1%
		Productivity	520	505	428	-15%
	F034H	Enrollment	32			
		Productivity	485			
	F077.	Enrollment		29	32	10%
		Productivity		439	485	10%
	F10BH	Enrollment	32	27	26	-4%
		Productivity	490	414	398	-4%

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			Success		NonSuccess		Withdrew		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
ASTR	F010A	2011-2012	351	81%	55	13%	30	7%	436	100%
		2012-2013	357	78%	76	17%	23	5%	456	100%
		2013-2014	345	75%	77	17%	39	8%	461	100%
F010B	F010B	2011-2012	307	69%	105	24%	33	7%	445	100%
		2012-2013	211	68%	85	27%	14	5%	310	100%
		2013-2014	231	69%	84	25%	18	5%	333	100%
F010L	F010L	2011-2012	306	84%	34	9%	26	7%	366	100%
		2012-2013	315	85%	35	9%	20	5%	370	100%
		2013-2014	309	84%	30	8%	29	8%	368	100%
F034H	F034H	2011-2012	30	94%	1	3%	1	3%	32	100%
F077.	F077.	2012-2013	27	93%	1	3%	1	3%	29	100%
		2013-2014	30	94%	2	6%			32	100%
F10BH	F10BH	2011-2012	30	94%	1	3%	1	3%	32	100%
		2012-2013	26	96%			1	4%	27	100%
		2013-2014	26	100%					26	100%