

# PROGRAM REVIEW DATA

10/21/15  
PHYSICAL SCIENCES, MATH & ENGIN

## Enrollment Trends

	2012-13	2013-14	2014-15	1 yr % Inc
Unduplicated Headcount	8,595	9,339	9,825	5.2%
Enrollment	20,912	25,572	27,355	7.0%
Sections	606	682	701	2.8%
WSCH	113,653	128,040	135,543	5.9%
FTES	2,526	2,846	3,013	5.9%
FTEF	72.7	80.5	82.4	2.4%
Productivity	521	530	548	3.4%

## Full and Part Time Faculty Load

	2012-13	2013-14	2014-15	1 yr % Inc
Full Time Load	29.4	32.9	32.0	-2.6%
Full Time %	40%	41%	39%	-4.8%
Overload	7.3	7.1	7.5	5.1%
Overload %	10%	9%	9%	2.6%
Part Time Load	36.0	40.3	43.0	6.5%
Part Time %	49%	50%	52%	4.0%
Total FTEF	72.7	80.5	82.4	2.4%

## Course Success

	All Students					
	2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	11,725	65%	13,102	65%	13,739	65%
Non Success	3,576	20%	4,068	20%	4,070	19%
Withdrew	2,760	15%	3,104	15%	3,202	15%
Total	18,061	100%	20,274	100%	21,011	100%

## Release /Re-assign Time

	2012-13	2013-14	2014-15	1 yr % Inc
	FTEF	FTEF	FTEF	FTEF
Non Teaching	1.27	0.56	0.04	-93.0%
Teaching	9.66	9.92	4.60	-53.7%
Total	10.93	10.49	4.64	-55.8%

## 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	2,432	55%	2,550	51%	2,745	53%	9,293	68%	10,552	69%	10,994	70%
Non Success	1,176	26%	1,429	29%	1,419	27%	2,400	18%	2,639	17%	2,651	17%
Withdrew	846	19%	982	20%	1,053	20%	1,914	14%	2,122	14%	2,149	14%
Total	4,454	100%	4,961	100%	5,217	100%	13,607	100%	15,313	100%	15,794	100%

## Distribution by Ethnicity

	2014-15	
	Enr	Percent
African American	957	3%
Asian	9,039	33%
Filipino	1,199	4%
Latino/a	4,735	17%
Native American	129	0%
Pacific Islander	250	1%
White	7,439	27%
Decline to State	3,607	13%
Total	27,355	100%

## Gender

	2014-15	
	Enr	Percent
Female	11,260	41%
Male	16,095	59%
Total	27,355	100%

## Age

	2014-15	
	Enr	Percent
19 or less	6,920	25%
20-24	13,342	49%
25-39	5,696	21%
40 +	1,397	5%
Total	27,355	100%

## Highest Degree

	2014-15	
	Enr	Percent
Bachelor or higher	3,189	12%
Associate	741	3%
HS/Equivalent	20,680	76%
All Other	2,745	10%
Total	27,355	100%

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## Success Rates by Gender

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
Female	5,658	67%	1,542	18%	1,286	15%	8,486	100%
Male	8,081	65%	2,528	20%	1,916	15%	12,525	100%
Total	13,739	65%	4,070	19%	3,202	15%	21,011	100%

## Success Rates by Age Group

	2014-15							
	Success		Non Success		Withdrew		Total	
	Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
19 or less	3,888	73%	924	17%	547	10%	5,359	100%
20-24	6,342	62%	2,288	22%	1,566	15%	10,196	100%
25-39	2,770	64%	708	16%	860	20%	4,338	100%
40 +	739	66%	150	13%	229	20%	1,118	100%

## Success Rates by Ethnicity (multiple years)

		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
		African American	2014-15	363	50%	181	25%	178	25%
	2013-14	337	46%	238	32%	164	22%	739	100%
	2012-13	385	52%	204	27%	156	21%	745	100%
Asian	2014-15	4,864	69%	1,184	17%	1,000	14%	7,048	100%
	2013-14	4,934	70%	1,135	16%	1,017	14%	7,086	100%
	2012-13	4,838	70%	1,193	17%	847	12%	6,878	100%
Filipino	2014-15	516	57%	189	21%	202	22%	907	100%
	2013-14	490	57%	201	24%	162	19%	853	100%
	2012-13	430	60%	164	23%	125	17%	719	100%
Latino/a	2014-15	1,866	52%	1,049	29%	673	19%	3,588	100%
	2013-14	1,723	51%	990	29%	656	19%	3,369	100%
	2012-13	1,617	54%	808	27%	565	19%	2,990	100%
Native American	2014-15	57	58%	29	29%	13	13%	99	100%
	2013-14	66	56%	29	25%	23	19%	118	100%
	2012-13	82	65%	20	16%	25	20%	127	100%
Pacific Islander	2014-15	86	44%	68	35%	41	21%	195	100%
	2013-14	108	50%	63	29%	44	20%	215	100%
	2012-13	103	49%	56	27%	52	25%	211	100%
White	2014-15	4,016	69%	873	15%	898	16%	5,787	100%
	2013-14	3,929	67%	1,055	18%	875	15%	5,859	100%
	2012-13	3,520	66%	937	18%	875	16%	5,332	100%
Decline to State	2014-15	1,971	74%	497	19%	197	7%	2,665	100%
	2013-14	1,515	74%	357	18%	163	8%	2,035	100%
	2012-13	750	71%	194	18%	115	11%	1,059	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 reporting prioritizes multi-ethnic students to targeted groups.

Gender data reporting 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