

# PROGRAM REVIEW DATA NANOTECHNOLOGY

10/20/15

## Enrollment Trends

	2012-13	2013-14	2014-15	1 yr % Inc
Unduplicated Headcount	36	32	64	100.0%
Enrollment	45	44	88	100.0%
Sections	4	6	7	16.7%
WSCH	211	204	531	161.1%
FTEs	5	5	12	161.1%
FTEF	0.4	0.4	1.0	127.9%
Productivity	159	153	175	14.6%

## Full and Part Time Faculty Load

	2012-13	2013-14	2014-15	1 yr % Inc
Full Time Load	0.4	0.4	0.6	30.2%
Full Time %	100%	100%	57%	-42.9%
Overload	0.0	0.0	0.3	
Overload %	0%	0%	26%	
Part Time Load	0.0	0.0	0.2	
Part Time %	0%	0%	17%	
Total FTEF	0.4	0.4	1.0	127.9%

## Course Success

	All Students					
	2012-13		2013-14		2014-15	
	Grades	Percent	Grades	Percent	Grades	Percent
Success	33	73%	31	70%	70	80%
Non Success	5	11%	9	20%	9	10%
Withdrew	7	16%	4	9%	8	9%
Total	45	100%	44	100%	87	100%

## Release/Re-assignTime

	2012-13	2013-14	2014-15	1 yr % Inc
	FTEF	FTEF	FTEF	FTEF
Teaching	0.67	1.27	0.93	-26.3%
Total	0.67	1.27	0.93	-26.3%

## 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	3	38%	9	69%	12	86%	30	81%	22	71%	58	79%
Non Success	3	38%	3	23%	1	7%	2	5%	6	19%	8	11%
Withdrew	2	25%	1	8%	1	7%	5	14%	3	10%	7	10%
Total	8	100%	13	100%	14	100%	37	100%	31	100%	73	100%

## Distribution by Ethnicity

	2014-15	
	Enr	Percent
Asian	31	35%
Filipino	1	1%
Latino/a	13	15%
Pacific Islander	5	6%
White	32	36%
Decline to State	6	7%
Total	88	100%

## Gender

	2014-15	
	Enr	Percent
Female	39	44%
Male	49	56%
Total	88	100%

## Age

	2014-15	
	Enr	Percent
19 or less	35	40%
20-24	22	25%
25-39	20	23%
40 +	11	13%
Total	88	100%

## Highest Degree

	2014-15	
	Enr	Percent
Bachelor or higher	20	23%
Associate	1	1%
HS/Equivalent	35	40%
All Other	32	36%
Total	88	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	34 87%	3 8%		2 5%		39	100%	
Male	36 75%	6 13%		6 13%		48	100%	
Total	70 80%	9 10%		8 9%		87	100%	

## Success Rates by Age Group

2014-15								
Success		Non Success		Withdrew		Total		
Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent	
19 or less	27 79%	4 12%		3 9%		34	100%	
20-24	15 68%	3 14%		4 18%		22	100%	
25-39	19 95%	1 5%				20	100%	
40 +	9 82%	1 9%		1 9%		11	100%	

## Success Rates by Ethnicity (multiple years)

		Success		Non Success		Withdrew		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
African American	2013-14			1 50%		1 50%		2 100%	
Asian	2014-15	25 83%		3 10%		2 7%		30 100%	
	2013-14	11 73%		2 13%		2 13%		15 100%	
	2012-13	11 92%				1 8%		12 100%	
Filipino	2014-15			1 100%				1 100%	
	2013-14	1 100%						1 100%	
Latino/a	2014-15	12 92%				1 8%		13 100%	
	2013-14	8 80%		2 20%				10 100%	
	2012-13	3 38%		3 38%		2 25%		8 100%	
Pacific Islander	2014-15	2 40%		3 60%				5 100%	
White	2014-15	25 78%		2 6%		5 16%		32 100%	
	2013-14	10 71%		3 21%		1 7%		14 100%	
	2012-13	16 76%		2 10%		3 14%		21 100%	
Decline to State	2014-15	6 100%						6 100%	
	2013-14	1 50%		1 50%				2 100%	
	2012-13	3 75%				1 25%		4 100%	

## 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

Foothill College

Nanotechnology-FH

Physical Scienc, Math &amp; Engin

Enrollment Trends by Course (multiple years)

			2012-13	2013-14	2014-15	1 yr. % Inc
NANO	F010.	Enrollment			34	
		Productivity			159	
	F051.	Enrollment	6	8	13	63%
		Productivity	90	120	195	63%
	F052.	Enrollment	16	15	15	0%
		Productivity	240	225	225	0%
	F053.	Enrollment	11	12	13	8%
		Productivity	165	180	195	8%
	F054.	Enrollment	12	9	13	44%
		Productivity	139	86	167	95%

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Foothill College

Nanotechnology-FH

Physical Scienc, Math & Engin

## Success Rates by Course (multiple years)

			Success		Non Success		Withdrew		Total	
			Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
NANO	F010.	2014-15	26	76%	6	18%	2	6%	34	100%
	F051.	2014-15	11	92%			1	8%	12	100%
		2013-14	7	88%	1	13%			8	100%
		2012-13	6	100%					6	100%
	F052.	2014-15	9	60%	3	20%	3	20%	15	100%
		2013-14	10	67%	4	27%	1	7%	15	100%
		2012-13	8	50%	4	25%	4	25%	16	100%
	F053.	2014-15	11	85%			2	15%	13	100%
		2013-14	7	58%	2	17%	3	25%	12	100%
		2012-13	10	91%			1	9%	11	100%
	F054.	2014-15	13	100%					13	100%
		2013-14	7	78%	2	22%			9	100%
		2012-13	9	75%	1	8%	2	17%	12	100%