

PROGRAM REVIEW DATA

10/01/13

Foothill College

Engineering-FD

Physical Scienc, Math & Engin

Enrollment Trends

| | 2010-2011 | 2011-2012 | 2012-2013 | % Inc |
|------------------------|-----------|-----------|-----------|-------|
| Unduplicated Headcount | 167 | 168 | 184 | 9.5% |
| Enrollment | 225 | 247 | 289 | 17.0% |
| Sections | 13 | 12 | 16 | 33.3% |
| WSCH | 1,199 | 1,474 | 1,700 | 15.3% |
| FTES | 27 | 33 | 38 | 15.3% |
| FTEF | 1.1 | 1.5 | 1.9 | 27.4% |
| Productivity | 359 | 335 | 303 | -9.5% |

Full and Part Time Faculty Load

| | 2010-2011 | 2011-2012 | 2012-2013 | % Inc |
|----------------|-----------|-----------|-----------|--------|
| Full Time Load | 0.4 | 1.0 | 0.9 | -12.7% |
| Full Time % | 38% | 71% | 49% | -31.4% |
| Overload | 0.0 | 0.0 | 0.1 | |
| Overload % | 0% | 0% | 6% | |
| Part Time Load | 0.7 | 0.4 | 0.8 | 99.8% |
| Part Time % | 62% | 29% | 45% | 56.9% |
| Total FTEF | 1.1 | 1.5 | 1.9 | 27.4% |

Course Success

| | All Students | | | | | |
|------------|--------------|---------|-----------|---------|-----------|---------|
| | 2010-2011 | | 2011-2012 | | 2012-2013 | |
| | Grades | Percent | Grades | Percent | Grades | Percent |
| Success | 151 | 75% | 194 | 80% | 237 | 83% |
| NonSuccess | 14 | 7% | 28 | 12% | 25 | 9% |
| Withdrew | 37 | 18% | 20 | 8% | 24 | 8% |
| Total | 202 | 100% | 242 | 100% | 286 | 100% |

Release/Re-assignTime

| FTEF |
|------|
| |

Course Success by Targeted Ethnic Groups

| | Targeted Groups | | | | | |
|------------|-----------------|---------|-----------|---------|-----------|---------|
| | 2010-2011 | | 2011-2012 | | 2012-2013 | |
| | Grades | Percent | Grades | Percent | Grades | Percent |
| Success | 31 | 79% | 25 | 60% | 33 | 70% |
| NonSuccess | 5 | 13% | 13 | 31% | 11 | 23% |
| Withdrew | 3 | 8% | 4 | 10% | 3 | 6% |
| Total | 39 | 100% | 42 | 100% | 47 | 100% |

| | Not Targeted Groups | | | | | |
|------------|---------------------|---------|-----------|---------|-----------|---------|
| | 2010-2011 | | 2011-2012 | | 2012-2013 | |
| | Grades | Percent | Grades | Percent | Grades | Percent |
| Success | 120 | 74% | 169 | 85% | 204 | 85% |
| NonSuccess | 9 | 6% | 15 | 8% | 14 | 6% |
| Withdrew | 34 | 21% | 16 | 8% | 21 | 9% |
| Total | 163 | 100% | 200 | 100% | 239 | 100% |

Distribution by Ethnicity

| | 2012-2013 | |
|------------------|-----------|---------|
| | Enr | Percent |
| African American | 9 | 3% |
| Asian | 115 | 40% |
| Decline to State | 28 | 10% |
| Filipino | 8 | 3% |
| Latino/a | 31 | 11% |
| Native American | 1 | 0% |
| Pacific Islander | 1 | 0% |
| White | 96 | 33% |
| Total | 289 | 100% |

Gender

| | 2012-2013 | |
|--------|-----------|---------|
| | Enr | Percent |
| Female | 41 | 14% |
| Male | 248 | 86% |
| Total | 289 | 100% |

Age

| | 2012-2013 | |
|------------|-----------|---------|
| | Enr | Percent |
| 19 or less | 38 | 13% |
| 20-24 | 179 | 62% |
| 25-39 | 63 | 22% |
| 40 + | 9 | 3% |
| Total | 289 | 100% |

Highest Degree

| | 2012-2013 | |
|------------------|-----------|---------|
| | Enr | Percent |
| BA/BS + | 22 | 8% |
| AA/AS | 14 | 5% |
| HS/Special Admit | 3 | 1% |
| All Other | 250 | 87% |
| Total | 289 | 100% |

Success Rates by Gender

| | 2012-2013 | | | | | | | |
|--------|-----------|---------|------------|---------|----------|---------|--------|---------|
| | Success | | NonSuccess | | Withdrew | | Total | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Female | 30 | 75% | 5 | 13% | 5 | 13% | 40 | 100% |
| Male | 207 | 84% | 20 | 8% | 19 | 8% | 246 | 100% |

Success Rates by Age Group

| | 2012-2013 | | | | | | | |
|------------|-----------|---------|------------|---------|----------|---------|--------|---------|
| | Success | | NonSuccess | | Withdrew | | Total | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| 19 or less | 33 | 87% | 3 | 8% | 2 | 5% | 38 | 100% |
| 20-24 | 145 | 82% | 18 | 10% | 14 | 8% | 177 | 100% |
| 25-39 | 52 | 83% | 3 | 5% | 8 | 13% | 63 | 100% |
| 40 + | 7 | 88% | 1 | 13% | | | 8 | 100% |

Success Rates by Ethnicity (multiple years)

| | | Success | | NonSuccess | | Withdrew | | Total | |
|------------------|-----------|------------------|-----------|------------|---------|----------|---------|--------|---------|
| | | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| | | African American | 2012-2013 | 6 | 67% | 3 | 33% | | |
| | 2011-2012 | 1 | 50% | | | 1 | 50% | 2 | 100% |
| | 2010-2011 | 1 | 33% | | | 2 | 67% | 3 | 100% |
| Asian | 2012-2013 | 94 | 82% | 8 | 7% | 12 | 11% | 114 | 100% |
| | 2011-2012 | 80 | 84% | 9 | 9% | 6 | 6% | 95 | 100% |
| | 2010-2011 | 65 | 79% | 5 | 6% | 12 | 15% | 82 | 100% |
| Decline to State | 2012-2013 | 22 | 79% | 2 | 7% | 4 | 14% | 28 | 100% |
| | 2011-2012 | 20 | 80% | 3 | 12% | 2 | 8% | 25 | 100% |
| | 2010-2011 | 13 | 76% | 2 | 12% | 2 | 12% | 17 | 100% |
| Filipino | 2012-2013 | 7 | 88% | 1 | 13% | | | 8 | 100% |
| | 2011-2012 | 7 | 64% | 4 | 36% | | | 11 | 100% |
| | 2010-2011 | 3 | 75% | 1 | 25% | | | 4 | 100% |
| Latino/a | 2012-2013 | 20 | 67% | 7 | 23% | 3 | 10% | 30 | 100% |
| | 2011-2012 | 17 | 59% | 9 | 31% | 3 | 10% | 29 | 100% |
| | 2010-2011 | 27 | 84% | 4 | 13% | 1 | 3% | 32 | 100% |
| Native American | 2012-2013 | 1 | 100% | | | | | 1 | 100% |
| Pacific Islander | 2012-2013 | 1 | 100% | | | | | 1 | 100% |
| | 2011-2012 | 1 | 100% | | | | | 1 | 100% |
| | 2010-2011 | 1 | 50% | | | 1 | 50% | 2 | 100% |
| White | 2012-2013 | 86 | 91% | 4 | 4% | 5 | 5% | 95 | 100% |
| | 2011-2012 | 68 | 86% | 3 | 4% | 8 | 10% | 79 | 100% |
| | 2010-2011 | 41 | 66% | 2 | 3% | 19 | 31% | 62 | 100% |

Notes and Definitions

Data is for the fiscal year, including summer (and Foothill's early summer in 2011-12).

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:

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)

| | | 2010-2011 | 2011-2012 | 2012-2013 | % Inc | |
|------|-------|--------------|-----------|-----------|-------|------|
| ENGR | F006. | Enrollment | | 11 | | |
| | | Productivity | | 164 | | |
| | F010. | Enrollment | 63 | 73 | 91 | 25% |
| | | Productivity | 383 | 373 | 455 | 22% |
| | F035. | Enrollment | 26 | 28 | 49 | 75% |
| | | Productivity | 390 | 420 | 330 | -22% |
| | F036X | Enrollment | 2 | | | |
| | | Productivity | #INF | | | |
| | F037. | Enrollment | 41 | 51 | 52 | 2% |
| | | Productivity | 431 | 383 | 390 | 2% |
| | F037L | Enrollment | 19 | 29 | 36 | 24% |
| | | Productivity | 285 | 434 | 308 | -29% |
| | F039. | Enrollment | | | 7 | |
| | | Productivity | | | 52 | |
| | F040. | Enrollment | | 30 | 6 | -80% |
| | | Productivity | | 224 | 90 | -60% |
| | F045. | Enrollment | 13 | 20 | 14 | -30% |
| | | Productivity | 252 | 301 | 211 | -30% |
| | F049. | Enrollment | 34 | 16 | 23 | 44% |
| | | Productivity | 172 | 121 | 174 | 44% |
| | F600. | Enrollment | 27 | | | |
| | | Productivity | 403 | | | |

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10/03/13

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Physical Scienc, Math & Eng

Success Rates by Course (multiple years)

| | | | Success | | NonSuccess | | Withdrew | | Total | |
|------|-------|-----------|---------|---------|------------|---------|----------|---------|--------|---------|
| | | | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| ENGR | F006. | 2012-2013 | 8 | 73% | 1 | 9% | 2 | 18% | 11 | 100% |
| | F010. | 2010-2011 | 31 | 65% | 2 | 4% | 15 | 31% | 48 | 100% |
| | | 2011-2012 | 60 | 85% | 6 | 8% | 5 | 7% | 71 | 100% |
| | | 2012-2013 | 75 | 82% | 10 | 11% | 6 | 7% | 91 | 100% |
| | F035. | 2010-2011 | 17 | 68% | 1 | 4% | 7 | 28% | 25 | 100% |
| | | 2011-2012 | 20 | 71% | 5 | 18% | 3 | 11% | 28 | 100% |
| | | 2012-2013 | 38 | 78% | 5 | 10% | 6 | 12% | 49 | 100% |
| | F036X | 2010-2011 | 2 | 100% | | | | | 2 | 100% |
| | F037. | 2010-2011 | 26 | 67% | 8 | 21% | 5 | 13% | 39 | 100% |
| | | 2011-2012 | 39 | 76% | 7 | 14% | 5 | 10% | 51 | 100% |
| | | 2012-2013 | 40 | 77% | 8 | 15% | 4 | 8% | 52 | 100% |
| | F037L | 2010-2011 | 18 | 95% | | | 1 | 5% | 19 | 100% |
| | | 2011-2012 | 23 | 79% | 2 | 7% | 4 | 14% | 29 | 100% |
| | | 2012-2013 | 36 | 100% | | | | | 36 | 100% |
| | F039. | 2012-2013 | 3 | 75% | | | 1 | 25% | 4 | 100% |
| | F040. | 2011-2012 | 22 | 76% | 5 | 17% | 2 | 7% | 29 | 100% |
| | | 2012-2013 | 4 | 67% | 1 | 17% | 1 | 17% | 6 | 100% |
| | F045. | 2010-2011 | 13 | 100% | | | | | 13 | 100% |
| | | 2011-2012 | 16 | 84% | 2 | 11% | 1 | 5% | 19 | 100% |
| | | 2012-2013 | 11 | 79% | | | 3 | 21% | 14 | 100% |
| | F049. | 2010-2011 | 25 | 83% | | | 5 | 17% | 30 | 100% |
| | | 2011-2012 | 14 | 93% | 1 | 7% | | | 15 | 100% |
| | | 2012-2013 | 22 | 96% | | | 1 | 4% | 23 | 100% |
| | F600. | 2010-2011 | 19 | 73% | 3 | 12% | 4 | 15% | 26 | 100% |