# Foothill College Online Courses

# **Physics-FD**

# Physical Scienc, Math & Engin

## **Enrollment Trends**

|                           | 2010-2011 | 2011-2012 | 2012-2013 | % Inc  |
|---------------------------|-----------|-----------|-----------|--------|
| Unduplicated<br>Headcount | 24        | 18        | 6         | -66.7% |
| Enrollment                | 24        | 18        | 6         | -66.7% |
| Sections                  | 1         | 1         | 2         | 100.0% |
| WSCH                      | 120       | 90        | 18        | -80.0% |
| FTES                      | 3         | 2         | 0         | -80.0% |
| FTEF                      | 0.1       | 0.1       | 0.2       | 59.5%  |
| Productivity              | 360       | 270       | 34        | -87.5% |

# Full and Part Time Faculty Load

|                | 2010-2011 | 2011-2012 | 2012-2013 | % Inc  |
|----------------|-----------|-----------|-----------|--------|
| Full Time Load | 0.0       | 0.0       | 0.2       |        |
| Full Time %    | 0%        | 0%        | 88%       |        |
| Overload       | 0.1       | 0.1       | 0.0       | -80.2% |
| Overload %     | 100%      | 100%      | 12%       | -87.6% |
| Part Time Load | 0.0       | 0.0       | 0.0       |        |
| Part Time %    | 0%        | 0%        | 0%        |        |
| Total FTEF     | 0.1       | 0.1       | 0.2       | 59.5%  |

### Course Success

| -          |              |         |        |           |        |           |  |
|------------|--------------|---------|--------|-----------|--------|-----------|--|
|            | All Students |         |        |           |        |           |  |
|            | 2010-2011    |         | 2011-2 | 2011-2012 |        | 2012-2013 |  |
|            | Grades       | Percent | Grades | Percent   | Grades | Percent   |  |
| Success    | 12           | 63%     | 12     | 67%       | 3      | 75%       |  |
| NonSuccess | 5            | 26%     | 1      | 6%        |        |           |  |
| Withdrew   | 2            | 11%     | 5      | 28%       | 1      | 25%       |  |
| Total      | 19           | 100%    | 18     | 100%      | 4      | 100%      |  |

# Release/Re-assignTime

|          | 2010-11 | 2011-12 | % Inc |
|----------|---------|---------|-------|
|          | FTEF    | FTEF    | FTEF  |
| Teaching | 0.67    | 1.00    | 50%   |
| Total    | 0.67    | 1.00    | 50%   |

# Course Success by Targeted Ethnic Groups

|            | Targeted Groups |         |        |           |        |           |  |
|------------|-----------------|---------|--------|-----------|--------|-----------|--|
|            | 2010-2011       |         | 2011-  | 2011-2012 |        | 2012-2013 |  |
|            | Grades          | Percent | Grades | Percent   | Grades | Percent   |  |
| Success    | 2               | 40%     | 5      | 63%       |        |           |  |
| NonSuccess | 3               | 60%     |        |           |        |           |  |
| Withdrew   |                 |         | 3      | 38%       |        |           |  |
| Total      | 5               | 100%    | 8      | 100%      |        |           |  |
|            |                 |         |        |           |        |           |  |

|            | Not Targeted Groups |         |           |         |           |       |
|------------|---------------------|---------|-----------|---------|-----------|-------|
|            | 2010-2011           |         | 2011-2012 |         | 2012-2013 |       |
|            | Grades              | Percent | Grades    | Percent | Grades    | Perce |
| Success    | 10                  | 71%     | 7         | 70%     | 3         | 75    |
| NonSuccess | 2                   | 14%     | 1         | 10%     |           |       |
| Withdrew   | 2                   | 14%     | 2         | 20%     | 1         | 25    |
| Total      | 14                  | 100%    | 10        | 100%    | 4         | 100   |

# Distribution by Ethnicity

|                  | 2012-2013 |   |         |  |  |
|------------------|-----------|---|---------|--|--|
|                  | Enr       |   | Percent |  |  |
| Asian            |           | 1 | 17%     |  |  |
| Decline to State |           | 1 | 17%     |  |  |
| Latino/a         |           | 1 | 17%     |  |  |
| White            |           | 3 | 50%     |  |  |
| Total            |           | 6 | 100%    |  |  |
|                  |           |   |         |  |  |

### Gender

| -      | 2012-2013 |   |         |  |
|--------|-----------|---|---------|--|
|        | Enr       | Ι | Percent |  |
| Female |           | 2 | 33%     |  |
| Male   |           | 4 | 67%     |  |
| Total  |           | 6 | 100%    |  |

### Age

| -          | 2012-2013 |   |         |  |  |
|------------|-----------|---|---------|--|--|
|            | Enr       | I | Percent |  |  |
| 19 or less |           | 2 | 33%     |  |  |
| 20-24      |           | 3 | 50%     |  |  |
| 25-39      |           | 1 | 17%     |  |  |
| Total      |           | 6 | 100%    |  |  |
|            |           |   |         |  |  |

# Highest Degree

|           | 2012 | 2012-2013 |  |  |  |
|-----------|------|-----------|--|--|--|
|           | Enr  | Percent   |  |  |  |
| All Other | 6    | 100%      |  |  |  |
| Total     | 6    | 100%      |  |  |  |
|           |      |           |  |  |  |

### Success Rates by Gender

|        | 2012-2013 |         |          |         |        |         |  |
|--------|-----------|---------|----------|---------|--------|---------|--|
|        | Success   |         | Withdrew |         | Total  |         |  |
|        | Grades    | Percent | Grades   | Percent | Grades | Percent |  |
| Female | 1         | 100%    |          |         | 1      | 100%    |  |
| Male   | 2         | 67%     | 1        | 33%     | 3      | 100%    |  |

### Success Rates by Age Group

|       |        |         | 2012-  | 2013     |        |         |
|-------|--------|---------|--------|----------|--------|---------|
|       | Succ   | Success |        | Withdrew |        | tal     |
|       | Grades | Percent | Grades | Percent  | Grades | Percent |
| 20-24 | 2      | 67%     | 1      | 33%      | 3      | 3 100%  |
| 25-39 | 1      | 100%    |        |          | 1      | 100%    |
|       |        |         |        |          |        |         |

### Success Rates by Ethnicity (multiple years)

|                       |           | Success |         | NonSuccess |         | Withdrew |         | Total  |         |
|-----------------------|-----------|---------|---------|------------|---------|----------|---------|--------|---------|
|                       |           | Grades  | Percent | Grades     | Percent | Grades   | Percent | Grades | Percent |
| African Ame 2011-2012 |           |         |         |            |         | 1        | 100%    | 1      | 100%    |
| Asian                 | 2011-2012 | 5       | 100%    |            |         |          |         | 5      | 100%    |
|                       | 2010-2011 | 6       | 67%     | 2          | 22%     | 1        | 11%     | 9      | 100%    |
| Decline to            | 2012-2013 | -       |         |            |         | 1        | 100%    | 1      | 100%    |
| State                 | 2011-2012 | 1       | 100%    |            |         |          |         | 1      | 100%    |
| Filipino              | 2011-2012 | 1       | 100%    |            |         |          |         | 1      | 100%    |
|                       | 2010-2011 | 1       | 100%    |            |         |          |         | 1      | 100%    |
| Latino/a              | 2011-2012 | 4       | 67%     |            |         | 2        | 33%     | 6      | 100%    |
|                       | 2010-2011 | 1       | 25%     | 3          | 75%     |          |         | 4      | 100%    |
| White                 | 2012-2013 | 3       | 100%    |            |         |          |         | 3      | 100%    |
|                       | 2011-2012 | 1       | 25%     | 1          | 25%     | 2        | 50%     | 4      | 100%    |
|                       | 2010-2011 | 4       | 80%     |            |         | 1        | 20%     | 5      | 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 |
|------|-------|--------------|-----------|-----------|-----------|-------|
| PHYS | F002B | Enrollment   |           |           | 2         |       |
|      |       | Productivity |           |           | 30        |       |
|      | F006. | Enrollment   | 24        | 18        |           | -100% |
|      |       | Productivity | 360       | 270       |           | -100% |
|      | F02AM | Enrollment   |           |           | 4         |       |
|      |       | Productivity |           |           | 61        |       |

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# Success Rates by Course (multiple years)

|      |       |     |           | Success |         | NonSuccess |         | Withdrew |         | Total  |         |
|------|-------|-----|-----------|---------|---------|------------|---------|----------|---------|--------|---------|
|      |       |     |           | Grades  | Percent | Grades     | Percent | Grades   | Percent | Grades | Percent |
| PHYS | F006. | 01W | 2010-2011 | 12      | 63%     | 5          | 26%     | 2        | 11%     | 19     | 100%    |
|      |       |     | 2011-2012 | 12      | 67%     | 1          | 6%      | 5        | 28%     | 18     | 100%    |
|      | F02AM | 01W | 2012-2013 | 3       | 75%     |            |         | 1        | 25%     | 4      | 100%    |