

De Anza College Program Review

Astronomy

| Dimension | Actual | | | Projections | | |
|--|---------|---------|---------|---|---------|---------|
| | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 |
| Enrollment/Grades (Fiscal Year) | 2,135 | 1,989 | 2,143 | 2,164 | 2,186 | 2,208 |
| WSCH (Fiscal Year) | 10,967 | 10,294 | 10,933 | 11,042 | 11,152 | 11,264 |
| Productivity (Fiscal Year) | 1,028 | 1,065 | 1,076 | | | |
| Retention % (Fiscal Year) | 89% | 90% | 94% | 94 % | 94 % | 94 % |
| Success % (Fiscal Year) | 77% | 76% | 79% | 80% | 81 % | 82 % |
| Classroom Teaching FTEF (Academic Yr) | | | | | | |
| Full-time FTEF | 2.00 | 1.50 | 1.50 | Projection Methodology Enrollment and WSCH projections based on 1% annual increases from the last actual year. Retention and Success rate projections are one percentage point increases from the last actual year, unless the last actual year is greater than 90% in which case there is no change. | | |
| PT/Overload FTEF | 1.22 | 1.50 | 1.56 | | | |
| Total FTEF | 3.22 | 3.00 | 3.05 | | | |
| Percent Full-time | 62% | 50% | 49% | | | |
| Reassigned FTEF | 0.00 | 0.00 | 0.00 | | | |
| Number of Sections (Fiscal Yr) | 26 | 24 | 26 | | | |
| % Not Vocational | 100% | 100% | 100% | | | |
| % Transferable | 100% | 100% | 100% | | | |
| % Degree Applicable | 100% | 100% | 100% | | | |
| % Not Basic Skills | 100% | 100% | 100% | | | |

Success Rates, Fiscal Year 2007-08

Definitions

| Dimension | Distribution | | Non- | | | Percent | | |
|------------------|--------------|------------|--------------|------------|------------|-----------------|-------------|------------------|
| | Count | Col % | Success | success | Withdraw | Percent Success | Non-success | Percent Withdraw |
| Ethnicity | | | | | | | | |
| Asian | 1,031 | 48 | 896 | 92 | 43 | 87 | 9 | 4 |
| Black | 42 | 2 | 29 | 10 | 3 | 69 | 24 | 7 |
| Filipino | 103 | 5 | 65 | 30 | 8 | 63 | 29 | 8 |
| Hispanic | 261 | 12 | 157 | 76 | 28 | 60 | 29 | 11 |
| Native Am | 13 | 1 | 8 | 3 | 2 | 62 | 23 | 15 |
| Pac Islander | 19 | 1 | 15 | 2 | 2 | 79 | 11 | 11 |
| White | 492 | 23 | 387 | 78 | 27 | 79 | 16 | 5 |
| Other | 59 | 3 | 42 | 14 | 3 | 71 | 24 | 5 |
| Unrecorded | 123 | 6 | 99 | 17 | 7 | 80 | 14 | 6 |
| Total | 2,143 | 100 | 1,698 | 322 | 123 | 79 | 15 | 6 |
| Gender | | | | | | | | |
| Female | 956 | 45 | 773 | 123 | 60 | 81 | 13 | 6 |
| Male | 1,186 | 55 | 924 | 199 | 63 | 78 | 17 | 5 |
| Unrecorded | 1 | 0 | 1 | 0 | 0 | 100 | 0 | 0 |
| Total | 2,143 | 100 | 1,698 | 322 | 123 | 79 | 15 | 6 |
| Age | | | | | | | | |
| 19 or less | 1,105 | 52 | 877 | 162 | 66 | 79 | 15 | 6 |
| 20 - 24 | 801 | 37 | 626 | 128 | 47 | 78 | 16 | 6 |
| 25 - 29 | 128 | 6 | 104 | 18 | 6 | 81 | 14 | 5 |
| 30 - 34 | 47 | 2 | 38 | 8 | 1 | 81 | 17 | 2 |
| 35 - 39 | 25 | 1 | 19 | 3 | 3 | 76 | 12 | 12 |
| 40 - 49 | 27 | 1 | 26 | 1 | 0 | 96 | 4 | 0 |
| 50 + | 9 | 0 | 8 | 1 | 0 | 89 | 11 | 0 |
| Unrecorded | 1 | 0 | 0 | 1 | 0 | 0 | 100 | 0 |
| Total | 2,143 | 100 | 1,698 | 322 | 123 | 79 | 15 | 6 |

Enrollment/Grades:
Sum of end-of-term grade count including Ws.

WSCH:
Sum of quarterly End-of-Term Weekly Student Contact Hours.

Retention %:
Number of students receiving a successful or non-successful grade / total number of students receiving a grade.

Success %:
Number of students receiving an A,B,C or CR grade / total number of students receiving a grade.

FTEF:
Sum of teaching load factors for Fall, Winter, and Spring quarters by assignment type, excluding reassignments.

Productivity:
Four-term total WSCH / four-term total FTEF, excluding reassignments.

Reassigned FTEF:
Sum of load in 994, 995, 998, and 999 courses.

Distribution and Success by Targeted Group

| Year/Demographic | Count | Col % | Percent | | | | | | |
|----------------------------|--------------|------------|--------------|-------------|------------|-----------|-------------|-----------|-----------|
| | | | Success | Non-success | Withdraw | Success | Non-success | Withdraw | Retained |
| Fiscal Year 2007-08 | | | | | | | | | |
| Targeted | 406 | 19 | 251 | 116 | 39 | 62 | 29 | 10 | 90 |
| Not Targeted | 1,737 | 81 | 1,447 | 206 | 84 | 83 | 12 | 5 | 95 |
| Total | 2,143 | 100 | 1,698 | 322 | 123 | 79 | 15 | 6 | 94 |
| Fiscal Year 2006-07 | | | | | | | | | |
| Targeted | 395 | 20 | 239 | 93 | 63 | 61 | 24 | 16 | 84 |
| Not Targeted | 1,594 | 80 | 1,269 | 181 | 144 | 80 | 11 | 9 | 91 |
| Total | 1,989 | 100 | 1,508 | 274 | 207 | 76 | 14 | 10 | 90 |
| Fiscal Year 2005-06 | | | | | | | | | |
| Targeted | 422 | 20 | 255 | 84 | 83 | 60 | 20 | 20 | 80 |
| Not Targeted | 1,713 | 80 | 1,386 | 176 | 151 | 81 | 10 | 9 | 91 |
| Total | 2,135 | 100 | 1,641 | 260 | 234 | 77 | 12 | 11 | 89 |

Targeted groups = Hispanic, Black, Filipino

Distribution and Success by Ethnicity

| Year/Demographic | Count | Col % | Percent | | | | | | |
|----------------------------|--------------|------------|--------------|-------------|------------|-----------|-------------|-----------|-----------|
| | | | Success | Non-success | Withdraw | Success | Non-success | Withdraw | Retained |
| Fiscal Year 2007-08 | | | | | | | | | |
| Asian | 1,031 | 48 | 896 | 92 | 43 | 87 | 9 | 4 | 96 |
| Black | 42 | 2 | 29 | 10 | 3 | 69 | 24 | 7 | 93 |
| Filipino | 103 | 5 | 65 | 30 | 8 | 63 | 29 | 8 | 92 |
| Hispanic | 261 | 12 | 157 | 76 | 28 | 60 | 29 | 11 | 89 |
| Native Am | 13 | 1 | 8 | 3 | 2 | 62 | 23 | 15 | 85 |
| Pac Islander | 19 | 1 | 15 | 2 | 2 | 79 | 11 | 11 | 89 |
| White | 492 | 23 | 387 | 78 | 27 | 79 | 16 | 5 | 95 |
| Other | 59 | 3 | 42 | 14 | 3 | 71 | 24 | 5 | 95 |
| Unrecorded | 123 | 6 | 99 | 17 | 7 | 80 | 14 | 6 | 94 |
| Total | 2,143 | 100 | 1,698 | 322 | 123 | 79 | 15 | 6 | 94 |
| Fiscal Year 2006-07 | | | | | | | | | |
| Asian | 919 | 46 | 744 | 101 | 74 | 81 | 11 | 8 | 92 |
| Black | 46 | 2 | 23 | 9 | 14 | 50 | 20 | 30 | 70 |
| Filipino | 134 | 7 | 92 | 25 | 17 | 69 | 19 | 13 | 87 |
| Hispanic | 215 | 11 | 124 | 59 | 32 | 58 | 27 | 15 | 85 |
| Native Am | 11 | 1 | 7 | 3 | 1 | 64 | 27 | 9 | 91 |
| Pac Islander | 25 | 1 | 14 | 6 | 5 | 56 | 24 | 20 | 80 |
| White | 470 | 24 | 371 | 50 | 49 | 79 | 11 | 10 | 90 |
| Other | 51 | 3 | 40 | 4 | 7 | 78 | 8 | 14 | 86 |
| Unrecorded | 118 | 6 | 93 | 17 | 8 | 79 | 14 | 7 | 93 |
| Total | 1,989 | 100 | 1,508 | 274 | 207 | 76 | 14 | 10 | 90 |
| Fiscal Year 2005-06 | | | | | | | | | |
| Asian | 949 | 44 | 823 | 68 | 58 | 87 | 7 | 6 | 94 |
| Black | 60 | 3 | 34 | 13 | 13 | 57 | 22 | 22 | 78 |
| Filipino | 120 | 6 | 83 | 15 | 22 | 69 | 13 | 18 | 82 |
| Hispanic | 242 | 11 | 138 | 56 | 48 | 57 | 23 | 20 | 80 |
| Native Am | 9 | 0 | 4 | 3 | 2 | 44 | 33 | 22 | 78 |
| Pac Islander | 18 | 1 | 11 | 3 | 4 | 61 | 17 | 22 | 78 |
| White | 524 | 25 | 389 | 72 | 63 | 74 | 14 | 12 | 88 |
| Other | 47 | 2 | 33 | 8 | 6 | 70 | 17 | 13 | 87 |
| Unrecorded | 166 | 8 | 126 | 22 | 18 | 76 | 13 | 11 | 89 |
| Total | 2,135 | 100 | 1,641 | 260 | 234 | 77 | 12 | 11 | 89 |