

Program Review Data Sheet

Limits: Course Credit Status Credit

Enrollment Trends

FHDA District->De Anza College->Physical Sciences/Math/Engin->Mathematics-FD

| | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 5-yr %Inc |
|---------------------------------|---------|---------|---------|---------|---------|-----------|
| Unduplicated Headcount | 10,561 | 10,096 | 10,564 | 8,775 | 8,020 | -24.1% |
| Enrollment | 18,334 | 17,864 | 18,503 | 15,004 | 13,764 | -24.9% |
| Sections | 554 | 541 | 546 | 473 | 411 | -25.8% |
| WSCH | 32,518 | 30,301 | 31,255 | 25,690 | 23,849 | -26.7% |
| FTEs (end of term) | 2,149 | 2,006 | 2,062 | 1,701 | 1,590 | -26.0% |
| FTEF (end of term) | 60.6 | 58.4 | 59.1 | 50.3 | 44.7 | -26.3% |
| Productivity (WSCH/FTEF) | 536 | 519 | 529 | 511 | 534 | -0.5% |

Faculty Workload

FHDA District->De Anza College->Physical Sciences/Math/Engin->Mathematics-FD

| | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 5-yr %Inc |
|-----------------------|---------|---------|---------|---------|---------|-----------|
| Full Time Load | 25.2 | 23.4 | 23.8 | 22.3 | 20.1 | -20% |
| Full Time % | 41.6% | 40.1% | 40.3% | 44.4% | 45.0% | 8% |
| Overload | 9.4 | 10.4 | 9.6 | 8.0 | 7.1 | -25% |
| Overload % | 15.5% | 17.7% | 16.3% | 16.0% | 15.9% | 2% |
| Part Time Load | 26.0 | 24.6 | 25.7 | 19.9 | 17.5 | -33% |
| Part Time % | 42.9% | 42.2% | 43.5% | 39.7% | 39.1% | -9% |
| Total FTEF | 60.6 | 58.4 | 59.1 | 50.3 | 44.7 | -26% |

Course Success

FHDA District->De Anza College->Physical Sciences/Math/Engin->Mathematics-FD

| | 2018-19 | | 2019-20 | | 2020-21 | | 2021-22 | | 2022-23 | |
|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Success | 12,318 | 67% | 12,919 | 72% | 14,561 | 79% | 11,478 | 76% | 10,630 | 77% |
| Non Success | 3,173 | 17% | 2,358 | 13% | 1,839 | 10% | 1,687 | 11% | 1,663 | 12% |
| Withdrew | 2,841 | 15% | 2,587 | 14% | 2,103 | 11% | 1,839 | 12% | 1,471 | 11% |
| Total | 18,332 | 100% | 17,864 | 100% | 18,503 | 100% | 15,004 | 100% | 13,764 | 100% |

Course Success for Black, Latinx, and Filipinx Students

| | 2018-19 | | 2019-20 | | 2020-21 | | 2021-22 | | 2022-23 | |
|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Success | 3,133 | 53% | 3,150 | 58% | 3,723 | 65% | 2,950 | 64% | 2,386 | 63% |
| Non Success | 1,466 | 25% | 1,156 | 21% | 1,017 | 18% | 825 | 18% | 787 | 21% |
| Withdrew | 1,268 | 22% | 1,118 | 21% | 964 | 17% | 804 | 18% | 626 | 16% |
| Total | 5,867 | 100% | 5,424 | 100% | 5,704 | 100% | 4,579 | 100% | 3,799 | 100% |

Course Success for Asian, Native American, Pacific Islander, White, and Decline to State Students

| | 2018-19 | | 2019-20 | | 2020-21 | | 2021-22 | | 2022-23 | |
|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Success | 9,185 | 74% | 9,769 | 79% | 10,838 | 85% | 8,528 | 82% | 8,244 | 83% |
| Non Success | 1,707 | 14% | 1,202 | 10% | 822 | 6% | 862 | 8% | 876 | 9% |
| Withdrew | 1,573 | 13% | 1,469 | 12% | 1,139 | 9% | 1,035 | 10% | 845 | 8% |
| Total | 12,465 | 100% | 12,440 | 100% | 12,799 | 100% | 10,425 | 100% | 9,965 | 100% |

Enr Distribution by Student Demographics FHDA District->De Anza College->Physical Sciences/Math/Engin->Mathematics-FD

Student Headcounts by Gender

| | 2018-19 | | 2019-20 | | 2020-21 | | 2021-22 | | 2022-23 | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent |
| Female | 7,490 | 41% | 7,260 | 41% | 7,815 | 42% | 6,074 | 40% | 5,415 | 39% |
| Male | 10,732 | 59% | 10,484 | 59% | 10,535 | 57% | 8,780 | 59% | 8,148 | 59% |
| Non-Binary | 4 | 0% | 3 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Unknown gender | 108 | 1% | 117 | 1% | 153 | 1% | 150 | 1% | 201 | 1% |
| Total | 18,334 | 100% | 17,864 | 100% | 18,503 | 100% | 15,004 | 100% | 13,764 | 100% |

Student Headcounts by Race/Ethnicity

| | 2018-19 | | 2019-20 | | 2020-21 | | 2021-22 | | 2022-23 | |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent |
| Asian | 9,332 | 51% | 9,267 | 52% | 8,955 | 48% | 6,820 | 45% | 6,759 | 49% |
| Black | 548 | 3% | 544 | 3% | 584 | 3% | 482 | 3% | 389 | 3% |
| Filipinx | 1,121 | 6% | 1,037 | 6% | 1,189 | 6% | 892 | 6% | 822 | 6% |
| Latinx | 4,199 | 23% | 3,843 | 22% | 3,931 | 21% | 3,205 | 21% | 2,588 | 19% |
| Native American | 68 | 0% | 42 | 0% | 50 | 0% | 34 | 0% | 37 | 0% |
| Pacific Islander | 106 | 1% | 109 | 1% | 107 | 1% | 123 | 1% | 68 | 0% |
| Unknown ethnicity | 243 | 1% | 439 | 2% | 935 | 5% | 1,317 | 9% | 1,227 | 9% |
| White | 2,717 | 15% | 2,583 | 14% | 2,752 | 15% | 2,131 | 14% | 1,874 | 14% |
| Total | 18,334 | 100% | 17,864 | 100% | 18,503 | 100% | 15,004 | 100% | 13,764 | 100% |

Success Rates by Gender FHDA District->De Anza College->Physical Sciences/Math/Engin->Mathematics-FD

| | 2022-23 | | | | | | | |
|-------------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Success | | Non Success | | Withdrew | | Total | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Female | 4,227 | 78% | 622 | 11% | 566 | 10% | 5,415 | 100% |
| Male | 6,246 | 77% | 1,022 | 13% | 880 | 11% | 8,148 | 100% |
| Non-Binary | 0 | N/A | 0 | N/A | 0 | N/A | 0 | 100% |

2022-23

| | Success | | Non Success | | Withdraw | | Total | |
|----------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Unknown gender | 157 | 78% | 19 | 9% | 25 | 12% | 201 | 100% |
| All | 10,630 | 77% | 1,663 | 12% | 1,471 | 11% | 13,764 | 100% |

2021-22

| | Success | | Non Success | | Withdraw | | Total | |
|----------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Female | 4,662 | 77% | 658 | 11% | 754 | 12% | 6,074 | 100% |
| Male | 6,702 | 76% | 1,011 | 12% | 1,067 | 12% | 8,780 | 100% |
| Non-Binary | 0 | N/A | 0 | N/A | 0 | N/A | 0 | 100% |
| Unknown gender | 114 | 76% | 18 | 12% | 18 | 12% | 150 | 100% |
| All | 11,478 | 76% | 1,687 | 11% | 1,839 | 12% | 15,004 | 100% |

2020-21

| | Success | | Non Success | | Withdraw | | Total | |
|----------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Female | 6,184 | 79% | 732 | 9% | 899 | 12% | 7,815 | 100% |
| Male | 8,249 | 78% | 1,090 | 10% | 1,196 | 11% | 10,535 | 100% |
| Non-Binary | 0 | N/A | 0 | N/A | 0 | N/A | 0 | 100% |
| Unknown gender | 128 | 84% | 17 | 11% | 8 | 5% | 153 | 100% |
| All | 14,561 | 79% | 1,839 | 10% | 2,103 | 11% | 18,503 | 100% |

2019-20

| | Success | | Non Success | | Withdraw | | Total | |
|----------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Female | 5,410 | 75% | 857 | 12% | 993 | 14% | 7,260 | 100% |
| Male | 7,419 | 71% | 1,489 | 14% | 1,576 | 15% | 10,484 | 100% |
| Non-Binary | 3 | 100% | 0 | 0% | 0 | 0% | 3 | 100% |
| Unknown gender | 87 | 74% | 12 | 10% | 18 | 15% | 117 | 100% |
| All | 12,919 | 72% | 2,358 | 13% | 2,587 | 14% | 17,864 | 100% |

2018-19

| | Success | | Non Success | | Withdraw | | Total | |
|----------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Female | 5,190 | 69% | 1,154 | 15% | 1,144 | 15% | 7,488 | 100% |
| Male | 7,056 | 66% | 2,002 | 19% | 1,674 | 16% | 10,732 | 100% |
| Non-Binary | 3 | 75% | 1 | 25% | 0 | 0% | 4 | 100% |
| Unknown gender | 69 | 64% | 16 | 15% | 23 | 21% | 108 | 100% |
| All | 12,318 | 67% | 3,173 | 17% | 2,841 | 15% | 18,332 | 100% |

Success Rates by Ethnicity

FHDA District->De Anza College->Physical Sciences/Math/Engin->Mathematics-FD

2022-23

| | Success | | Non Success | | Withdraw | | Total | |
|-------------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Asian | 5,631 | 83% | 551 | 8% | 577 | 9% | 6,759 | 100% |
| Black | 240 | 62% | 80 | 21% | 69 | 18% | 389 | 100% |
| Filipinx | 592 | 72% | 129 | 16% | 101 | 12% | 822 | 100% |
| Latinx | 1,554 | 60% | 578 | 22% | 456 | 18% | 2,588 | 100% |
| Native American | 27 | 73% | 7 | 19% | 3 | 8% | 37 | 100% |
| Pacific Islander | 52 | 76% | 10 | 15% | 6 | 9% | 68 | 100% |
| Unknown ethnicity | 1,086 | 89% | 92 | 7% | 49 | 4% | 1,227 | 100% |
| White | 1,448 | 77% | 216 | 12% | 210 | 11% | 1,874 | 100% |
| All | 10,630 | 77% | 1,663 | 12% | 1,471 | 11% | 13,764 | 100% |

2021-22

| | Success | | Non Success | | Withdraw | | Total | |
|-------------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Asian | 5,680 | 83% | 487 | 7% | 653 | 10% | 6,820 | 100% |
| Black | 289 | 60% | 107 | 22% | 86 | 18% | 482 | 100% |
| Filipinx | 670 | 75% | 95 | 11% | 127 | 14% | 892 | 100% |
| Latinx | 1,991 | 62% | 623 | 19% | 591 | 18% | 3,205 | 100% |
| Native American | 19 | 56% | 8 | 24% | 7 | 21% | 34 | 100% |
| Pacific Islander | 69 | 56% | 35 | 28% | 19 | 15% | 123 | 100% |
| Unknown ethnicity | 1,160 | 88% | 100 | 8% | 57 | 4% | 1,317 | 100% |
| White | 1,600 | 75% | 232 | 11% | 299 | 14% | 2,131 | 100% |
| All | 11,478 | 76% | 1,687 | 11% | 1,839 | 12% | 15,004 | 100% |

2020-21

| | Success | | Non Success | | Withdraw | | Total | |
|-------------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Asian | 7,755 | 87% | 495 | 6% | 705 | 8% | 8,955 | 100% |
| Black | 391 | 67% | 100 | 17% | 93 | 16% | 584 | 100% |
| Filipinx | 877 | 74% | 168 | 14% | 144 | 12% | 1,189 | 100% |
| Latinx | 2,455 | 62% | 749 | 19% | 727 | 18% | 3,931 | 100% |
| Native American | 40 | 80% | 4 | 8% | 6 | 12% | 50 | 100% |
| Pacific Islander | 67 | 63% | 21 | 20% | 19 | 18% | 107 | 100% |
| Unknown ethnicity | 802 | 86% | 75 | 8% | 58 | 6% | 935 | 100% |
| White | 2,174 | 79% | 227 | 8% | 351 | 13% | 2,752 | 100% |
| All | 14,561 | 79% | 1,839 | 10% | 2,103 | 11% | 18,503 | 100% |

2019-20

| | Success | | Non Success | | Withdraw | | Total | |
|-------------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Asian | 7,445 | 80% | 813 | 9% | 1,009 | 11% | 9,267 | 100% |
| Black | 335 | 62% | 105 | 19% | 104 | 19% | 544 | 100% |
| Filipinx | 727 | 70% | 152 | 15% | 158 | 15% | 1,037 | 100% |
| Latinx | 2,088 | 54% | 899 | 23% | 856 | 22% | 3,843 | 100% |
| Native American | 28 | 67% | 8 | 19% | 6 | 14% | 42 | 100% |
| Pacific Islander | 52 | 48% | 24 | 22% | 33 | 30% | 109 | 100% |
| Unknown ethnicity | 349 | 79% | 59 | 13% | 31 | 7% | 439 | 100% |
| White | 1,895 | 73% | 298 | 12% | 390 | 15% | 2,583 | 100% |
| All | 12,919 | 72% | 2,358 | 13% | 2,587 | 14% | 17,864 | 100% |

2018-19

| | Success | | Non Success | | Withdraw | | Total | |
|-------------------|---------|---------|-------------|---------|----------|---------|--------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Asian | 7,017 | 75% | 1,232 | 13% | 1,083 | 12% | 9,332 | 100% |
| Black | 281 | 51% | 151 | 28% | 116 | 21% | 548 | 100% |
| Filipinx | 700 | 62% | 214 | 19% | 207 | 18% | 1,121 | 100% |
| Latinx | 2,152 | 51% | 1,101 | 26% | 945 | 23% | 4,198 | 100% |
| Native American | 34 | 50% | 17 | 25% | 17 | 25% | 68 | 100% |
| Pacific Islander | 57 | 54% | 28 | 26% | 21 | 20% | 106 | 100% |
| Unknown ethnicity | 186 | 77% | 37 | 15% | 20 | 8% | 243 | 100% |
| White | 1,891 | 70% | 393 | 14% | 432 | 16% | 2,716 | 100% |
| All | 12,318 | 67% | 3,173 | 17% | 2,841 | 15% | 18,332 | 100% |

Data is for the academic year, including summer term and early summer/second spring terms for Foothill College. Enrollments include students who are counted for apportionment for the report years (i.e., Apprenticeship, noncredit and other students who do not necessarily have a reported grade). Cross-listed courses are included in the home department. Some courses may continue to be listed but no longer have data due to renumbering or because the course was not offered in the past five years.