

PROGRAM REVIEW - SUMMARY SCOREBOARD

2018-2019

Computer Science

| Metrics | | | | | | 3-Yr Trend | | |
|----------------------------------|---------|---------|---------|---------|----------------|--------------------|-----|----------------|
| | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2015-16 to 2017-18 | | |
| | | | | | | CS | GWC | 2017-18 |
| Enrollment | 1,286 | 1,321 | 1,307 | 1,346 | 1,300 | ↓ | ↓ | 78,146 |
| Enrollment/Section | 35 | 35 | 35 | 30 | 35 | ↓ | ↓ | 37 |
| Average Fill Rate | 82.7% | 84.1% | 85.5% | 77.8% | 83.7% | ↓ | ↓ | 70.5% |
| FTES | 220.4 | 268.1 | 263.0 | 270.1 | 260.4 | ↓ | ↓ | 9,404 |
| FTES/FTEF | 34.3 | 39.7 | 37.8 | 32.4 | 36.6 | ↓ | ↓ | 33 |
| Success | 65.5% | 68.8% | 67.8% | 66.2% | 72.0% | ↑ | ↑ | 72.2% |
| Retention | 84.4% | 86.4% | 84.4% | 81.7% | 82.9% | ↓ | ↑ | 86.9% |
| AA Degree | 1 | 2 | 3 | 7 | 2 | ↓ | ↑ | 860 |
| ADT Degree | 0 | 0 | 0 | 0 | 0 | ↔ | ↑ | 544 |
| Certificates | 5 | 2 | 2 | 1 | 2 | ↔ | ↓ | 1,286 |
| Transferred to 4-Yr Institution* | 13 | 10 | 9 | 12 | <i>no data</i> | ↑ | ↓ | <i>no data</i> |
| Assessment Activity | 55% | 15% | 8% | 47% | 21% | ↑ | ↓ | 64% |

*Transfer data source: National Student Clearinghouse data. Three-year trend based on 2014-15 and 2016-17 data

Assessment Activity: Percent of courses assessed per academic year

| Legend | ↑ | ↓ | ↔ | --- |
|--------|-----------|-----------|-----------|-------------------|
| | Increased | Decreased | No Change | Insufficient Data |

Gaps in Success Rates, 2017-18 Academic Year

The Percentage Point Gap (PPG) compares the percentage in a particular outcome for a disaggregated subgroup to the percentage for all student. Disproportionate impact (DI) occurs when a subset of students are unjustifiably experiencing lower outcomes compared to the total student population.

Largest DI groups: Hispanic/Latinx, Man, DSPS, Foster Youth

| | Total Enrolled | % of Total Enrolled | Success Rate | Success Rate (Avg.) | PPG | No. of successful course completion needed to close gap |
|----------------------------------|----------------|---------------------|--------------|---------------------|--------|---------------------------------------------------------|
| Race/Ethnicity | | | | | | |
| Am. Indian/Alaska Native | -- | -- | 0.0% | 72.0% | -72.0% | 1 |
| Asian | 547 | 42.0% | 78.8% | 72.0% | 6.8% | -- |
| Black or African American | 17 | 1.3% | 64.7% | 72.0% | -7.3% | 1 |
| Hispanic/Latinx | 311 | 23.9% | 62.7% | 72.0% | -9.3% | 29 |
| Nat. Hawaiian/Pac. Islander | -- | -- | 100.0% | 72.0% | 28.0% | -- |
| White | 338 | 26.0% | 70.7% | 72.0% | -1.3% | 5 |
| Two or more races | 68 | 5.2% | 73.5% | 72.0% | 1.5% | -- |
| Gender | | | | | | |
| Woman | 341 | 26.2% | 74.8% | 72.0% | 2.7% | -- |
| Man | 932 | 71.6% | 71.5% | 72.0% | -0.6% | 5 |
| Special Population Status | | | | | | |
| Economically Disadvantaged | 765 | 58.8% | 73.6% | 72.1% | 1.5% | -- |
| DSPS | 35 | 2.7% | 68.6% | 72.1% | -3.5% | 1 |
| Veteran | 30 | 2.3% | 70.0% | 72.1% | -2.1% | 1 |
| Foster Youth | -- | -- | 20.0% | 72.1% | -52.1% | 5 |
| EOPS/CARE | 93 | 7.1% | 89.2% | 72.1% | 17.1% | -- |
| CalWORKs | -- | -- | 100.0% | 72.1% | 27.9% | -- |
| International Student | 54 | 4.1% | 79.6% | 72.1% | 7.5% | -- |

PROGRAM REVIEW - SUMMARY SCOREBOARD

2018-2019

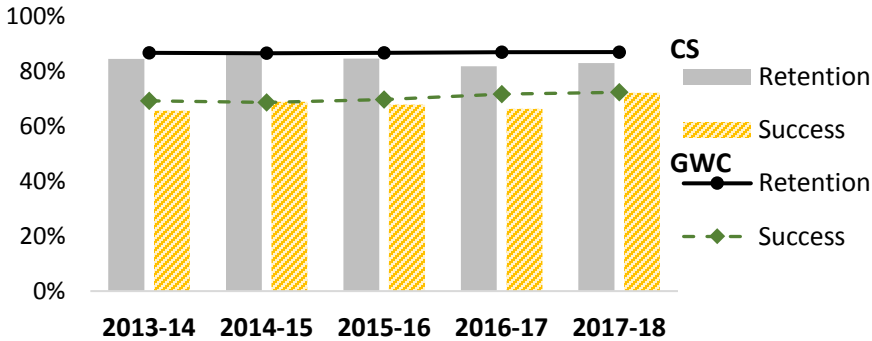
Computer Science

Unduplicated Headcount and Distribution

| | 2013-14 | | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | |
|----------------------------------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| | N | % | N | % | N | % | N | % | N | % |
| Race/Ethnicity | | | | | | | | | | |
| Am. Indian/Alaska Native | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Asian | 439 | 40.8% | 474 | 43.4% | 435 | 41.5% | 419 | 38.8% | 428 | 41.5% |
| Black or African American | 11 | 1.0% | 23 | 2.1% | -- | -- | 18 | 1.7% | 14 | 1.4% |
| Hispanic/Latinx | 240 | 22.3% | 213 | 19.5% | 219 | 20.9% | 260 | 24.1% | 249 | 24.1% |
| Nat. Hawaiian/Pac. Islander | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Two or More Races | 45 | 4.2% | 43 | 3.9% | 54 | 5.1% | 52 | 4.8% | 55 | 5.3% |
| White | 315 | 29.3% | 317 | 29.1% | 314 | 29.9% | 307 | 28.4% | 267 | 25.9% |
| Unknown | 19 | 1.8% | 18 | 1.6% | -- | -- | 23 | 2.1% | 16 | 1.6% |
| Gender | | | | | | | | | | |
| Woman | 338 | 31.4% | 329 | 30.2% | 287 | 27.4% | 319 | 29.5% | 301 | 29.2% |
| Man | 720 | 67.0% | 748 | 68.6% | 748 | 71.3% | 739 | 68.4% | 709 | 68.7% |
| Special Population Status | | | | | | | | | | |
| Economically Disadvantaged | 652 | 62.2% | 692 | 63.4% | 613 | 58.2% | 581 | 53.6% | 620 | 59.8% |
| DSPS | 41 | 3.9% | 33 | 3.2% | 37 | 3.6% | 37 | 3.5% | 36 | 3.7% |
| Veteran | 45 | 4.1% | 45 | 4.0% | 35 | 3.2% | 33 | 2.8% | 26 | 2.2% |
| Foster Youth | 34 | 3.3% | 21 | 2.0% | 13 | 1.2% | 13 | 1.1% | -- | -- |
| EOPS/CARE | 87 | 9.0% | 91 | 8.7% | 74 | 7.3% | 90 | 8.7% | 79 | 8.2% |
| CalWORKs | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| International Student | 30 | 3.2% | 44 | 4.6% | 36 | 3.8% | 47 | 4.9% | 44 | 4.7% |

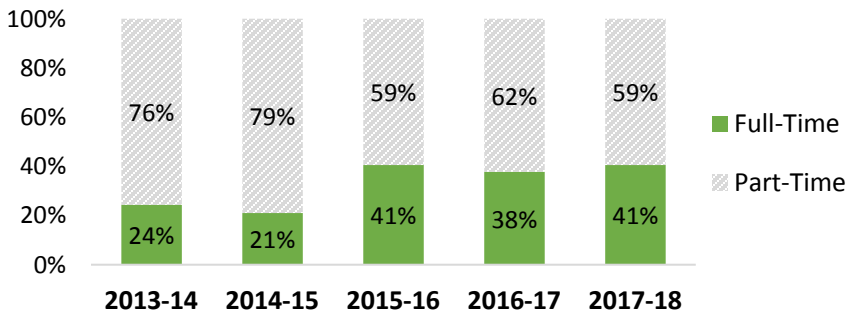
Note: In cases where the enrollment for a student racial or ethnic group is 10 or fewer students, data have been suppressed to protect individuals' privacy.

Overall Retention and Success Rate



| | CS | | GWC | |
|----------------|-----------|---------|-----------|---------|
| | Retention | Success | Retention | Success |
| 2013-14 | 84.4% | 65.5% | 86.5% | 69.1% |
| 2014-15 | 86.4% | 68.8% | 86.4% | 68.6% |
| 2015-16 | 84.4% | 67.8% | 86.6% | 69.6% |
| 2016-17 | 81.7% | 66.2% | 86.8% | 71.6% |
| 2017-18 | 82.9% | 72.0% | 86.9% | 72.2% |

Courses Taught by Full-Time and Part-Time Faculty



| | % Courses Taught | | Total Courses Taught | |
|----------------|------------------|-----|----------------------|----|
| | FT | PT | FT | PT |
| 2013-14 | 24% | 76% | 9 | 28 |
| 2014-15 | 21% | 79% | 8 | 30 |
| 2015-16 | 41% | 59% | 15 | 22 |
| 2016-17 | 38% | 62% | 17 | 28 |
| 2017-18 | 41% | 59% | 15 | 22 |