

Division: 4411 – Fire Science Technology FIRE

| PRODUCTIVITY INDICATORS | Academic Year | | | STUDENT SUCCESS INDICATORS | Academic Year | | |
|----------------------------|---------------|--------|--------|----------------------------|---------------|-------|-------|
| | 22-23 | 23-24 | 24-25 | | 22-23 | 23-24 | 24-25 |
| Enrollments (Dup. Headcnt) | 575 | 589 | 721 | Success % | 85.0% | 84.0% | 83.6% |
| WSCH | 3344.2 | 3942.4 | 4037.8 | Retention % | 90.1% | 92.0% | 91.5% |
| FTEF | 111.5 | 131.4 | 134.6 | Withdraw % | 9.9% | 8.0% | 8.5% |
| LOAD (WSCH/FTEF)* | 805.8 | 1001.8 | 938.4 | | | | |

| Classroom Teaching FTEF | Academic Year | | | Sections | Academic Year | | |
|----------------------------|---------------|-------|-------|---------------------|---------------|--------|--------|
| | 22-23 | 23-24 | 24-25 | | 22-23 | 23-24 | 24-25 |
| Full-time FTEF | 1.2 | 1.2 | 1.2 | Total | 20 | 20 | 26 |
| Adjunct FTEF | 3.0 | 2.7 | 3.1 | % CTE | 100.0% | 100.0% | 100.0% |
| Overload FTEF (FT Faculty) | 0.0 | 0.0 | 0.0 | % Transferable | 0.0% | 0.0% | 0.0% |
| Retired FTEF | 0.0 | 0.0 | 0.0 | % Degree Applicable | 0.0% | 0.0% | 0.0% |
| Total FTEF | 4.2 | 3.9 | 4.3 | % Basic Skills | 0.0% | 0.0% | 0.0% |
| Percent Full-time | 28.9% | 30.5% | 27.9% | | | | |

DEFINITIONS:

Enrollments/Dup.Headcount: Sum of end-of-term enrollments.

WSCH: "Weekly Student Contact Hours" = total hours per week a student attends a specific class. WSCH are used to report apportionment attendance and FTEF.

Retention%: The percentage of enrollments with a grade of A, B, C, D, F, CR, NC, NP, P, I, at end-of-term. (Only excludes W's.)

Success%: The percentage of enrollments with a grade of A, B, C, CR, P at end-of-term.

FTEF: "Full-Time Equivalent Faculty" is calculated at the course level as a proportion of a full-time teaching load. FTEF is calculated by using the Faculty Load Credit (FLC) assigned to the course.

LOAD (Productivity) WSCH/FTEF: Ratio of the weekly contact hours of enrolled students and a faculty's hours of instruction per week = faculty load. The State's productivity standard is 525 WSCH/FTEF.

Reassigned FTEF: Faculty assigned to projects to which there is no course/CRN.

FTEF: Full-Time Equivalent Students. A very common term with several different meanings and methodologies, however the purpose of the calculation is always the same: count how many students there would be if they only attended on a full-time basis. Under the CCCC standardization Accounting Method, FTEF is calculated by multiplying the standardized total hours by the number of students actively enrolled at census and dividing by 525. The standardized total hours is the number of units of lecture and/or lab as stated on the Course Outline of Record (COR) multiplied by the standard multipliers provided in the regulation. For more information about Attendance Accounting, please visit <https://www.cccco.edu/About-Us/Chancellors-Office/Divisions/College-Finance-and-Facilities-Planning/Fiscal-Standards-and-Accountability-Unit/Attendance-Accounting-and-Residency>.

Division: 4411 – Fire Science Technology FIRE
Successful Course Completion Rates: 2022-23 to 2024-25

| Demographic Variable | Enrollments (Duplicate Headcount) | | | Pct. Enrollments (Duplicate Headcount) | | | Percent Success | | | Percent Withdraw | | |
|---------------------------------|--------------------------------------|-------|-------|---|-------|-------|-----------------|-------|-------|------------------|-------|-------|
| | 22-23 | 23-24 | 24-25 | 22-23 | 23-24 | 24-25 | 22-23 | 23-24 | 24-25 | 22-23 | 23-24 | 24-25 |
| Ethnicity* | | | | | | | | | | | | |
| Asian-Domestic | 44 | 48 | 68 | 7.7 | 8.1 | 9.4 | 88.6 | 87.5 | 83.8 | 6.8 | 6.3 | 8.8 |
| Asian-Int'l | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | --- | --- | --- | --- | --- | --- |
| Black | 26 | 19 | 29 | 4.5 | 3.2 | 4.0 | 96.2 | 73.7 | 89.7 | 3.8 | 15.8 | 0.0 |
| Filipino | 41 | 62 | 63 | 7.1 | 10.5 | 8.7 | 80.5 | 87.1 | 69.8 | 12.2 | 8.1 | 12.7 |
| Hispanic | 241 | 247 | 299 | 41.9 | 41.9 | 41.5 | 80.5 | 78.1 | 76.3 | 13.3 | 8.9 | 13.0 |
| Native Am | 27 | 28 | 26 | 4.7 | 4.8 | 3.6 | 92.6 | 89.3 | 84.6 | 7.4 | 7.1 | 7.7 |
| Pac Islander | 13 | 24 | 33 | 2.3 | 4.1 | 4.6 | 84.6 | 83.3 | 81.8 | 15.4 | 8.3 | 9.1 |
| White | 274 | 258 | 329 | 47.7 | 43.8 | 45.6 | 89.4 | 89.9 | 91.5 | 6.9 | 5.8 | 4.3 |
| Unrecorded | 2 | 1 | 7 | 0.3 | 0.2 | 1.0 | 50.0 | 100.0 | 85.7 | 0.0 | 0.0 | 0.0 |
| <i>All Students</i> | 575 | 589 | 721 | --- | --- | --- | 85.0 | 84.0 | 83.6 | 9.9 | 8.0 | 8.5 |
| Gender | | | | | | | | | | | | |
| Female | 92 | 84 | 84 | 16.0 | 14.3 | 11.7 | 76.1 | 75.0 | 82.1 | 20.7 | 13.1 | 13.1 |
| Male | 476 | 492 | 626 | 82.8 | 83.5 | 86.8 | 86.8 | 85.2 | 83.9 | 8.0 | 7.3 | 7.7 |
| Nonbinary | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | --- | --- | --- | --- | --- | --- |
| Unrecorded | 7 | 13 | 11 | 1.2 | 2.2 | 1.5 | 85.7 | 100.0 | 81.8 | 0.0 | 0.0 | 18.2 |
| <i>All Students</i> | 575 | 589 | 721 | 100 | 100 | 100 | 85.0 | 84.0 | 83.6 | 9.9 | 8.0 | 8.5 |
| Age | | | | | | | | | | | | |
| 19 or less | 195 | 149 | 162 | 33.9 | 25.3 | 22.5 | 84.1 | 82.6 | 83.3 | 9.7 | 6.7 | 9.3 |
| 20-24 | 268 | 317 | 390 | 46.6 | 53.8 | 54.1 | 85.1 | 82.3 | 83.8 | 11.2 | 8.5 | 8.2 |
| 25-29 | 67 | 75 | 120 | 11.7 | 12.7 | 16.6 | 89.6 | 88.0 | 85.0 | 4.5 | 9.3 | 8.3 |
| 30-34 | 30 | 28 | 27 | 5.2 | 4.8 | 3.7 | 80.0 | 92.9 | 77.8 | 10.0 | 7.1 | 11.1 |
| 35-39 | 11 | 13 | 10 | 1.9 | 2.2 | 1.4 | 90.9 | 92.3 | 70.0 | 9.1 | 7.7 | 10.0 |
| 40-49 | 3 | 1 | 7 | 0.5 | 0.2 | 1.0 | 66.7 | 100.0 | 85.7 | 33.3 | 0.0 | 0.0 |
| 50+ | 1 | 6 | 5 | 0.2 | 1.0 | 0.7 | 100.0 | 100.0 | 100.0 | 0.0 | 0.0 | 0.0 |
| Unrecorded | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | --- | --- | --- | --- | --- | --- |
| <i>All Students</i> | 575 | 589 | 721 | 100 | 100 | 100 | 85.0 | 84.0 | 83.6 | 9.9 | 8.0 | 8.5 |
| Disability Status | | | | | | | | | | | | |
| Has disability | 44 | 37 | 44 | 7.7 | 6.3 | 6.1 | 75.0 | 75.7 | 90.9 | 15.9 | 8.1 | 4.5 |
| No disability | 531 | 552 | 677 | 92.3 | 93.7 | 93.9 | 85.9 | 84.6 | 83.2 | 9.4 | 8.0 | 8.7 |
| First Generation College | | | | | | | | | | | | |
| First generation | 287 | 297 | 353 | 49.9 | 50.4 | 49.0 | 83.3 | 83.2 | 81.9 | 10.8 | 7.4 | 9.3 |
| Not first generation | 265 | 258 | 312 | 46.1 | 43.8 | 43.3 | 88.3 | 88.0 | 87.8 | 7.2 | 6.6 | 5.8 |
| Income Status | | | | | | | | | | | | |
| Low income | 82 | 87 | 131 | 14.3 | 14.8 | 18.2 | 89.0 | 83.9 | 76.3 | 7.3 | 6.9 | 12.2 |
| Not low income | 493 | 502 | 590 | 85.7 | 85.2 | 81.8 | 84.4 | 84.1 | 85.3 | 10.3 | 8.2 | 7.6 |

* Ethnicity counts and percentages do not sum up to total unique headcount/100% because students may self-report for multiple ethnicities.

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| INDICATORS | Fall Term | | |
|--------------------------------|------------------|-------------|-------------|
| | 2022 | 2023 | 2024 |
| Enrollments/Dup.Headcount | 276 | 280 | 347 |
| WSCH | 1672.6 | 2141.0 | 1934.5 |
| FTES | 55.8 | 71.4 | 64.5 |
| LOAD (WSCH/FTEF)* | 800.3 | 1211.0 | 1034.5 |
| Success % | 86.6% | 82.9% | 87.9% |
| Retention % | 91.3% | 90.7% | 93.7% |
| Withdraw % | 8.7% | 9.3% | 6.3% |
| Classroom Teaching FTEF | | | |
| Full-time FTEF | 0.6 | 0.6 | 0.6 |
| Adjunct FTEF | 1.5 | 1.2 | 1.3 |
| Overload FTEF (F-T Faculty) | 0.0 | 0.0 | 0.0 |
| Retired FTEF | 0.0 | 0.0 | 0.0 |
| Total FTEF | 2.1 | 1.8 | 1.9 |
| Percent Full-time | 28.7% | 33.9% | 32.1% |
| Sections | | | |
| Total Number of Sections | 10 | 9 | 13 |
| % CTE | 100.0% | 100.0% | 100.0% |
| % Transferable | 0.0% | 0.0% | 0.0% |
| % Degree Applicable | 0.0% | 0.0% | 0.0% |
| % Basic Skills | 0.0% | 0.0% | 0.0% |

Division: 4411 – Fire Science Technology FIRE

| INDICATORS | Spring Term | | |
|--------------------------------|--------------------|-------------|-------------|
| | 2023 | 2024 | 2025 |
| Enrollments/Dup.Headcount | 299 | 309 | 374 |
| WSCH | 1671.6 | 1801.4 | 2103.3 |
| FTES | 55.7 | 60.0 | 70.1 |
| LOAD (WSCH/FTEF)* | 811.5 | 831.2 | 864.6 |
| Success % | 83.6% | 85.1% | 79.7% |
| Retention % | 89.0% | 93.2% | 89.6% |
| Withdraw % | 11.0% | 6.8% | 10.4% |
| Classroom Teaching FTEF | | | |
| Full-time FTEF | 0.6 | 0.6 | 0.6 |
| Adjunct FTEF | 1.5 | 1.6 | 1.8 |
| Overload FTEF (F-T Faculty) | 0.0 | 0.0 | 0.0 |
| Retired FTEF | 0.0 | 0.0 | 0.0 |
| Total FTEF | 2.1 | 2.2 | 2.4 |
| Percent Full-time | 29.1% | 27.7% | 24.7% |
| Sections | | | |
| Total Number of Sections | 10 | 11 | 13 |
| % CTE | 100.0% | 100.0% | 100.0% |
| % Transferable | 0.0% | 0.0% | 0.0% |
| % Degree Applicable | 0.0% | 0.0% | 0.0% |
| % Basic Skills | 0.0% | 0.0% | 0.0% |

Division: 4411 – Fire Science Technology FIRE

| INDICATORS | Summer Term | | |
|--------------------------------|--------------------|-------------|-------------|
| | 2022 | 2023 | 2024 |
| Enrollments/Dup.Headcount | 16 | 18 | 19 |
| WSCH | 139.0 | 156.3 | 132.8 |
| FTES | 4.6 | 5.2 | 4.4 |
| LOAD (WSCH/FTEF)* | 992.7 | 1116.7 | 948.6 |
| Success % | 100.0% | 100.0% | 68.4% |
| Retention % | 100.0% | 100.0% | 100.0% |
| Withdraw % | 0.0% | 0.0% | 0.0% |
| Classroom Teaching FTEF | | | |
| Full-time FTEF | 0.0 | 0.0 | 0.0 |
| Adjunct FTEF | 0.1 | 0.1 | 0.1 |
| Overload FTEF (F-T Faculty) | 0.0 | 0.0 | 0.0 |
| Retired FTEF | 0.0 | 0.0 | 0.0 |
| Total FTEF | 0.1 | 0.1 | 0.1 |
| Percent Full-time | 0.0% | 0.0% | 0.0% |
| Sections | | | |
| Total Number of Sections | 1 | 1 | 2 |
| % CTE | 100.0% | 100.0% | 100.0% |
| % Transferable | 0.0% | 0.0% | 0.0% |
| % Degree Applicable | 0.0% | 0.0% | 0.0% |
| % Basic Skills | 0.0% | 0.0% | 0.0% |

