

Instructional Discipline Template

A. Program Information

Program Mission Statement

Please enter your mission statement here.

N/A

Program Level Student Learning Outcomes

Please list the program level student learning outcomes.

N/A

Below are the institutional level learning outcomes. Describe how the program level learning outcomes align with the institutional level learning outcomes.

N/A

B. Enrollment Trends

Enrollment Variables and Trends

| Enrollment Trends | | | | | | | | | | |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| Science Tech Engin & Math - Biology-FD | | | | | | | | | | |
| | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 9-yr %Inc |
| Unduplicated Headcount | 2,669 | 2,728 | 2,517 | 2,448 | 2,516 | 2,472 | 2,326 | 2,409 | 2,671 | 0.1% |
| Census Enrollment | 4,405 | 4,464 | 4,000 | 3,877 | 4,021 | 4,112 | 3,642 | 3,954 | 4,514 | 2.5% |
| Sections | 156 | 165 | 146 | 139 | 146 | 143 | 123 | 139 | 153 | -1.9% |
| WSCH | 10,401 | 10,664 | 9,547 | 9,374 | 9,773 | 9,915 | 8,880 | 9,542 | 11,087 | 6.6% |
| FTES (end of term) | 702 | 720 | 644 | 633 | 660 | 669 | 599 | 644 | 749 | 6.7% |
| FTEF (end of term) | 17.1 | 18.1 | 18.7 | 18.6 | 19.5 | 19.2 | 16.9 | 18.8 | 20.2 | 18.3% |
| Productivity (WSCH/FTEF) | 608 | 588 | 510 | 504 | 501 | 518 | 526 | 508 | 548 | -9.9% |

B.1 - FTES

Goals: What is your program's goal with respect to FTES?

N/A

Observation & Inferences: What do you observe in the data above in relation to your goals? What do you want the college to understand about the FTES in your program?

N/A

Action: What actions does your program plan to take in order to achieve your goals?

N/A

Needs: What does your program need to execute this action plan?

N/A

B.2 - Sections

Goals: What is your program's goal with respect to sections?

N/A

Observation & Inferences: What do you observe in the data above in relation to your goals? What do you want the college to understand about the sections in your program?

N/A

Action: What actions does your program plan to take in order to achieve your goals?

N/A

Needs: What does your program need to execute this action plan?

N/A

B.3 - Productivity

Goals: What is your program's goal with respect to productivity?

N/A

Observation & Inferences: What do you observe in the data above in relation to your goals? What do you want the college to understand about the productivity in your program?

N/A

Action: What actions does your program plan to take in order to achieve your goals?

N/A

Needs: What does your program need to execute this action plan?

N/A

C. Enrollment by Student Demographics

Enrollment Distribution

by Gender

| | 2012-13 | | 2013-14 | | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | | 2018-19 | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|
| | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Per |
| Female | 2,913 | 66% | 2,873 | 64% | 2,600 | 65% | 2,569 | 66% | 2,701 | 67% | 2,787 | 68% | 2,458 | |
| Male | 1,480 | 34% | 1,580 | 35% | 1,382 | 35% | 1,289 | 33% | 1,298 | 32% | 1,304 | 32% | 1,162 | |
| Non-Binary | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | |
| Unknown gender | 12 | 0% | 11 | 0% | 18 | 0% | 19 | 0% | 22 | 1% | 21 | 1% | 22 | |
| Total | 4,405 | 100% | 4,464 | 100% | 4,000 | 100% | 3,877 | 100% | 4,021 | 100% | 4,112 | 100% | 3,642 | 1 |

by Ethnicity

| | 2012-13 | | 2013-14 | | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | | 2018-19 | |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|
| | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Percent | Enr | Per |
| Asian | 1,482 | 34% | 1,519 | 34% | 1,256 | 31% | 1,308 | 34% | 1,299 | 32% | 1,374 | 33% | 1,304 | |
| Black | 176 | 4% | 166 | 4% | 139 | 3% | 119 | 3% | 130 | 3% | 136 | 3% | 135 | |
| Filipinx | 425 | 10% | 414 | 9% | 387 | 10% | 369 | 10% | 368 | 9% | 390 | 9% | 371 | |
| Latinx | 843 | 19% | 813 | 18% | 844 | 21% | 826 | 21% | 1,009 | 25% | 1,066 | 26% | 943 | |
| Native American | 20 | 0% | 21 | 0% | 10 | 0% | 15 | 0% | 17 | 0% | 16 | 0% | 15 | |
| Pacific Islander | 27 | 1% | 52 | 1% | 27 | 1% | 39 | 1% | 53 | 1% | 33 | 1% | 28 | |
| Unknown ethnicity | 134 | 3% | 124 | 3% | 143 | 4% | 133 | 3% | 140 | 3% | 53 | 1% | 37 | |
| White | 1,298 | 29% | 1,355 | 30% | 1,194 | 30% | 1,068 | 28% | 1,005 | 25% | 1,044 | 25% | 809 | |
| Total | 4,405 | 100% | 4,464 | 100% | 4,000 | 100% | 3,877 | 100% | 4,021 | 100% | 4,112 | 100% | 3,642 | 1 |

C.1 - Enrollment by Gender

Goals: What is your program's goal with respect to enrollment by gender?

N/A

Observation & Inferences: What do you observe in the data above in relation to your goals? What do you want the college to understand about enrollment by gender in your program?

N/A

Action: What actions does your program plan to take in order to achieve your goals?

N/A

Needs: What does your program need to execute this action plan?

N/A

C.2 - Enrollment by Ethnicity

Goals: What is your program's goal with respect to enrollment by ethnicity?

N/A

Observation & Inferences: What do you observe in the data above in relation to your goals? What do you want the college to understand about enrollment by ethnicity in your program?

N/A

Action: What actions does your program plan to take in order to achieve your goals?

N/A

Needs: What does your program need to execute this action plan?

N/A

D. Overall Student Course Success

Student Population Areas of Focus

| Course Success Science Tech Engin & Math - Biology-FD | | | | | | | | | | | | |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 2012-13 | | 2013-14 | | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | |
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Success | 3,437 | 78% | 3,560 | 80% | 3,169 | 79% | 3,170 | 82% | 3,307 | 82% | 3,494 | 85% |
| Non Success | 518 | 12% | 468 | 10% | 462 | 12% | 401 | 10% | 373 | 9% | 369 | 9% |
| Withdrew | 449 | 10% | 434 | 10% | 369 | 9% | 306 | 8% | 340 | 8% | 249 | 6% |
| Total | 4,404 | 100% | 4,462 | 100% | 4,000 | 100% | 3,877 | 100% | 4,020 | 100% | 4,112 | 100% |

Course Success for Black, Latinx, and Filipinx Students

| | 2012-13 | | 2013-14 | | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | |
|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Success | 999 | 69% | 978 | 70% | 963 | 70% | 969 | 74% | 1,149 | 76% | 1,256 | 79% |
| Non Success | 253 | 18% | 227 | 16% | 243 | 18% | 222 | 17% | 192 | 13% | 217 | 14% |
| Withdrew | 192 | 13% | 188 | 13% | 164 | 12% | 123 | 9% | 166 | 11% | 119 | 7% |
| Total | 1,444 | 100% | 1,393 | 100% | 1,370 | 100% | 1,314 | 100% | 1,507 | 100% | 1,592 | 100% |

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

| | 2012-13 | | 2013-14 | | 2014-15 | | 2015-16 | | 2016-17 | | 2017-18 | |
|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent | Grades | Percent |
| Success | 2,438 | 82% | 2,582 | 84% | 2,206 | 84% | 2,201 | 86% | 2,158 | 86% | 2,238 | 89% |
| Non Success | 265 | 9% | 241 | 8% | 219 | 8% | 179 | 7% | 181 | 7% | 152 | 6% |
| Withdrew | 257 | 9% | 246 | 8% | 205 | 8% | 183 | 7% | 174 | 7% | 130 | 5% |
| Total | 2,960 | 100% | 3,069 | 100% | 2,630 | 100% | 2,563 | 100% | 2,513 | 100% | 2,520 | 100% |

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.

D.1 - Student Course Success

Goals: What is your program's goal with respect to student course success?

N/A

Observation & Inferences: What do you observe in the data in relation to your goals? What do you want the college to understand about the student course success in your program?

N/A

Action: What actions does your program plan to take in order to achieve your goals?

N/A

Needs: What does your program need to execute this action plan?

N/A

D.2 - Course Success by Modality

Follow directions to the Enrollment and Course Success dataset and respond to the prompt below. At the top of the Program Review Data Tool click on the 'Enrollment and Course Success' tab, then select 'Enrollment and Success'. On the left of the page, click the arrow next to 'Foothill College' and then navigate to your program. On the left of the page under 'Measure', select the Course Success Rate Table and Chart Icons. Scroll down to 'Course Section Characteristics' and select the plus icon and select the following filters: Face-to-Face, FH - Online-synchronous, FH - Online-asynchronous, FH - Online-asynch/synch, and FH - Hybrid-on campus/asynch.

Goals: What is your program's goal with respect to course success by modality?

N/A

Observation & Inferences: What do you observe in the data in relation to your goals? What do you want the college to understand about course success by modality in your program?

N/A

Action: What actions does your program plan to take in order to achieve your goals?

N/A

Needs: What does your program need to execute this action plan?

N/A

E. Disproportionate Impact

Follow directions to the Disproportionate Impact dataset and respond to the prompt below. At the top of the Program Review Data Tool click on 'Disproportionate Impact' tab, then select 'Disproportionate Impact and Percentage Point Gaps'. On the left of the page, click the arrow next to 'Foothill College' and then navigate to your program. Scroll to the bottom of the left page and click the down arrow next to 'Year', then select the most recent year. Once you select your program, the data set will appear on the page. Identify the groups of disproportionate impact highlighted in orange (please provide the number of students and percentage for each group).

Identify the groups that are experiencing a disproportionate impact in the most recent year (please provide the percentage and number for each group).

N/A

Goals: What is your program's goal with respect to disproportionate impact?

N/A

Observation & Inferences: What do you observe in the data in relation to your goals? What do you want the college to understand about the disproportionate impact in your program?

N/A

Action: What actions does your program plan to take in order to achieve your goals?

N/A

Needs: What does your program need to execute this action plan?

N/A

F. Regular and Substantive Interaction

If your program has any courses that are approved for distance education, describe how regular and substantive interaction was incorporated in those courses. (List each course)

N/A

G. Summary

Use this opportunity to reflect on your discussions above and include any closing thoughts.

N/A

This form is not yet ready.

