# Las Positas College

# **Program Review Discipline Data Packet**

## Spring 2016 to Spring 2020
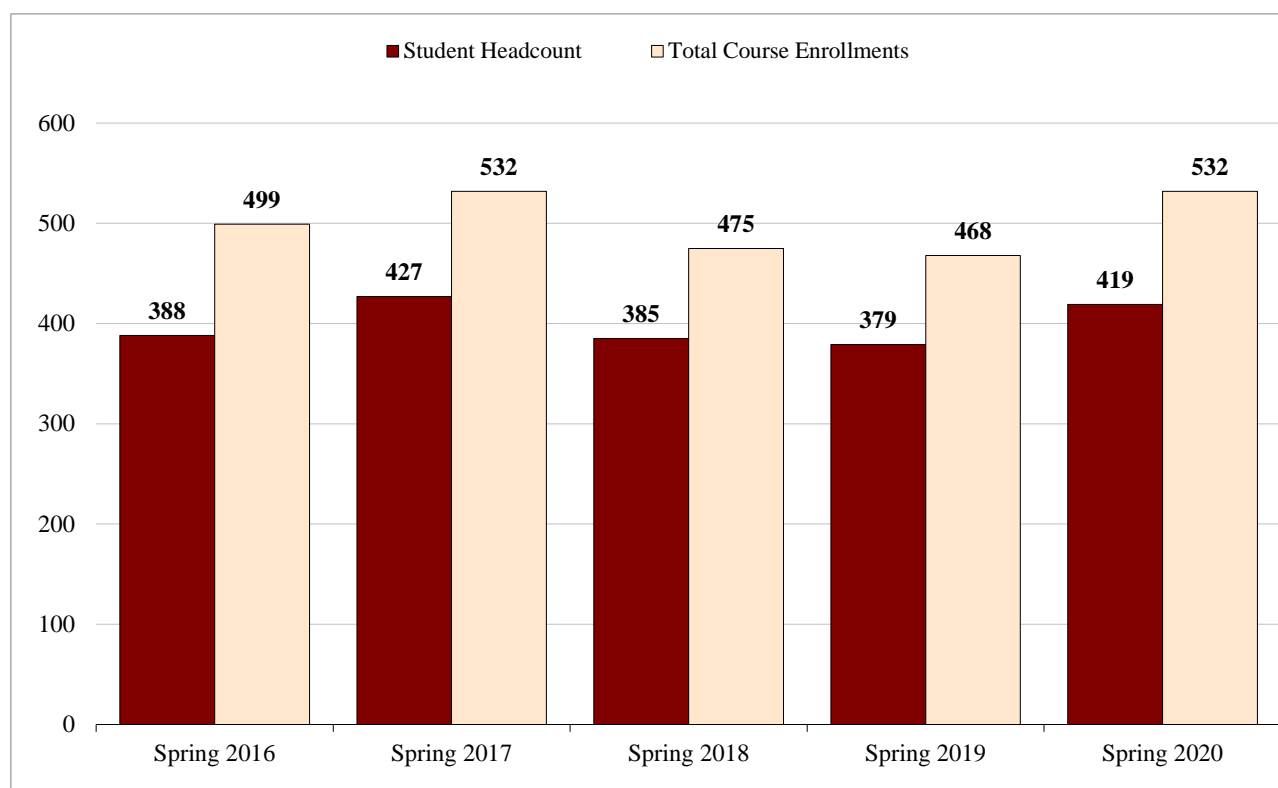
Discipline:

## **Computer Information Systems (CIS)**

NOTE: ^ next to rubric / subject code indicates that the report combines data for related credit and non-credit rubrics

*Office of Research, Planning, and Institutional Effectiveness*
*Las Positas College*

# Headcount & Enrollment

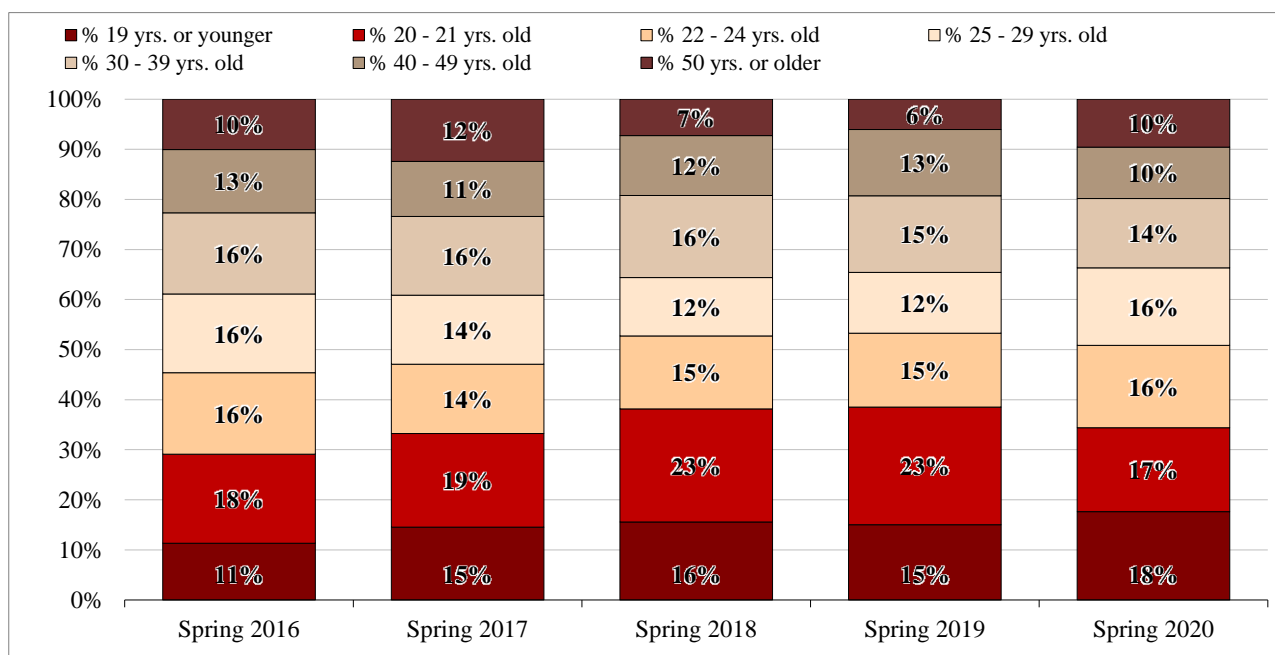| Computer Information Systems ( CIS ) | | | | | |
|---|---|---|---|---|---|
| | **Term** | | | | |
| | Spring 2016 | Spring 2017 | Spring 2018 | Spring 2019 | Spring 2020 |
| Student Headcount | 388 | 427 | 385 | 379 | 419 |
| Total Course Enrollments | 499 | 532 | 475 | 468 | 532 |



**Definitions:**

**Student Headcount** is the unduplicated count of students enrolled in all courses within the discipline.

**Total Course Enrollments** is the sum of all course enrollments (filled seats) within the discipline.
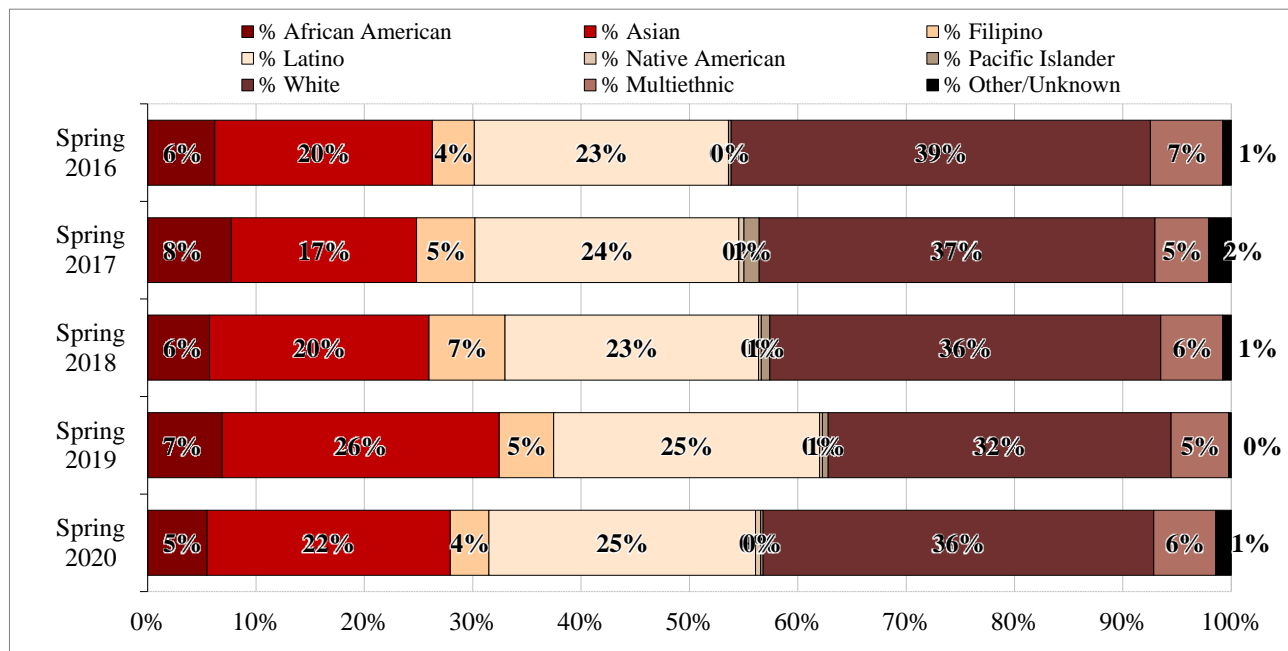
## Student Demographics: Gender & Age

| Computer Information Systems ( CIS ) | | | | | |
|---|---|---|---|---|---|
| | **Term** | | | | |
| | **Spring 2016** | **Spring 2017** | **Spring 2018** | **Spring 2019** | **Spring 2020** |
| Female | 196 | 199 | 188 | 206 | 200 |
| Male | 189 | 222 | 192 | 168 | 214 |
| 19 yrs. or younger | 44 | 62 | 60 | 57 | 74 |
| 20-21 yrs. old | 69 | 80 | 87 | 89 | 70 |
| 22-24 yrs. old | 63 | 59 | 56 | 56 | 69 |
| 25-29 yrs. old | 61 | 59 | 45 | 46 | 65 |
| 30-39 yrs. old | 63 | 67 | 63 | 58 | 58 |
| 40-49 yrs. old | 49 | 47 | 46 | 50 | 43 |
| 50 yrs. or older | 39 | 53 | 28 | 23 | 40 |
| % Female | 51% | 47% | 49% | 55% | 48% |
| % Male | 49% | 53% | 51% | 45% | 52% |
| % 19 yrs. or younger | 11% | 15% | 16% | 15% | 18% |
| % 20 - 21 yrs. old | 18% | 19% | 23% | 23% | 17% |
| % 22 - 24 yrs. old | 16% | 14% | 15% | 15% | 16% |
| % 25 - 29 yrs. old | 16% | 14% | 12% | 12% | 16% |
| % 30 - 39 yrs. old | 16% | 16% | 16% | 15% | 14% |
| % 40 - 49 yrs. old | 13% | 11% | 12% | 13% | 10% |
| % 50 yrs. or older | 10% | 12% | 7% | 6% | 10% |

## Student Demographic: Race-Ethnicity

| Computer Information Systems ( CIS ) | | | | | |
|---|---|---|---|---|---|
| | **Term** | | | | |
| | **Spring 2016** | **Spring 2017** | **Spring 2018** | **Spring 2019** | **Spring 2020** |
| African American | 24 | 33 | 22 | 26 | 23 |
| Asian | 78 | 73 | 78 | 97 | 94 |
| Filipino | 15 | 23 | 27 | 19 | 15 |
| Latino | 91 | 104 | 90 | 93 | 103 |
| Native American | 0 | 2 | 1 | 1 | 2 |
| Pacific Islander | 1 | 6 | 3 | 2 | 1 |
| White | 150 | 156 | 139 | 120 | 151 |
| Multiethnic | 26 | 21 | 22 | 20 | 24 |
| Other/Unknown | 3 | 9 | 3 | 1 | 6 |
| % African American | 6% | 8% | 6% | 7% | 5% |
| % Asian | 20% | 17% | 20% | 26% | 22% |
| % Filipino | 4% | 5% | 7% | 5% | 4% |
| % Latino | 23% | 24% | 23% | 25% | 25% |
| % Native American | 0% | <1% | <1% | <1% | <1% |
| % Pacific Islander | <1% | 1% | 1% | 1% | <1% |
| % White | 39% | 37% | 36% | 32% | 36% |
| % Multiethnic | 7% | 5% | 6% | 5% | 6% |
| % Other/Unknown | 1% | 2% | 1% | <1% | 1% |

## Student Enrollment Status

| Computer Information Systems ( CIS ) | | | | | |
|---|---|---|---|---|---|
| | **Term** | | | | |
| | **Spring 2016** | **Spring 2017** | **Spring 2018** | **Spring 2019** | **Spring 2020** |
| First-Time Any College | 21 | 16 | 12 | 12 | 18 |
| First-Time Transfer | 41 | 42 | 28 | 28 | 28 |
| Continuing | 285 | 323 | 303 | 308 | 346 |
| Returning | 40 | 40 | 35 | 23 | 18 |
| Concurrent Enrollment | 1 | 6 | 7 | 8 | 9 |
| % First-Time Any College | 5% | 4% | 3% | 3% | 4% |
| % First-Time Transfer | 11% | 10% | 7% | 7% | 7% |
| % Continuing | 73% | 76% | 79% | 81% | 83% |
| % Returning | 10% | 9% | 9% | 6% | 4% |
| % Concurrent Enrollment | <1% | 1% | 2% | 2% | 2% |
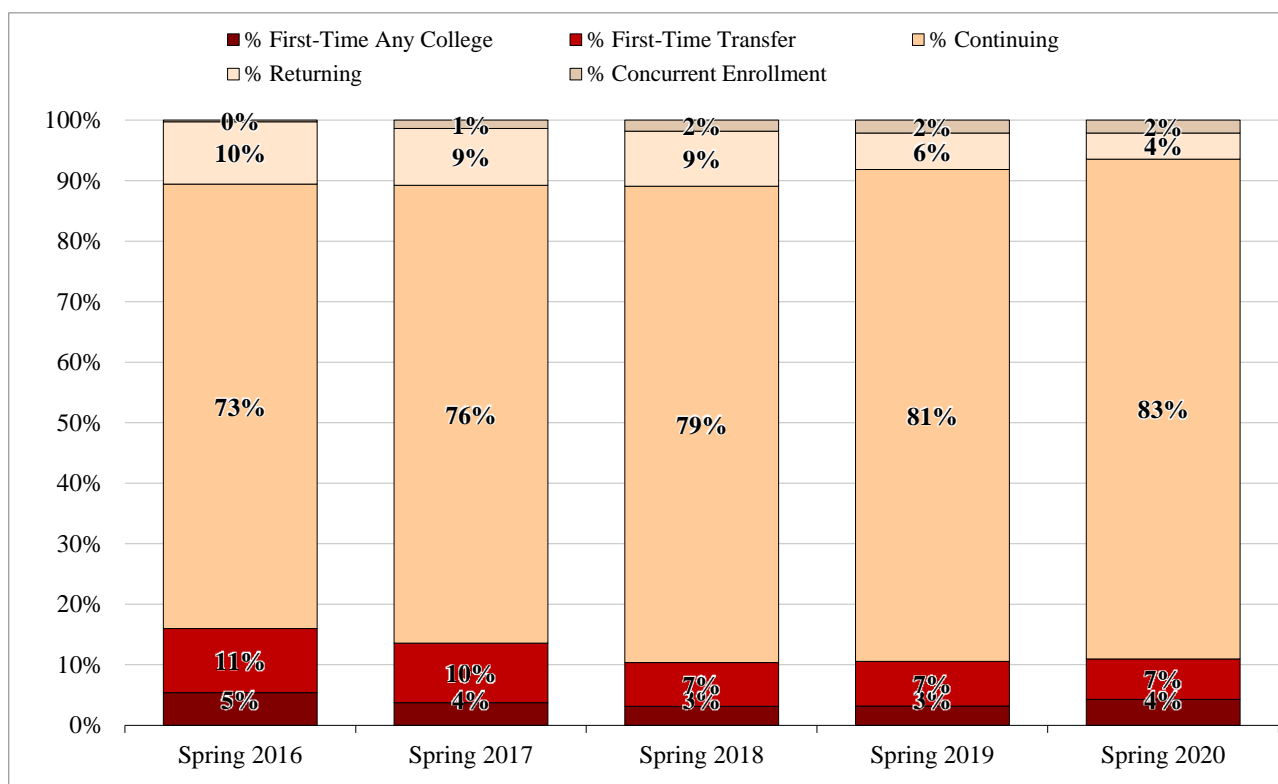


**Definitions:**

**First-Time Any College:** Students enrolled in college for the first time.

**First-Time Transfer:** Students transferring to LPC in the current semester from another community college or university.

**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**Returning:** Students enrolled at LPC after an absence of one or more primary terms from the District.

**Concurrent Enrollment:** A special admit student currently enrolled in K-12.
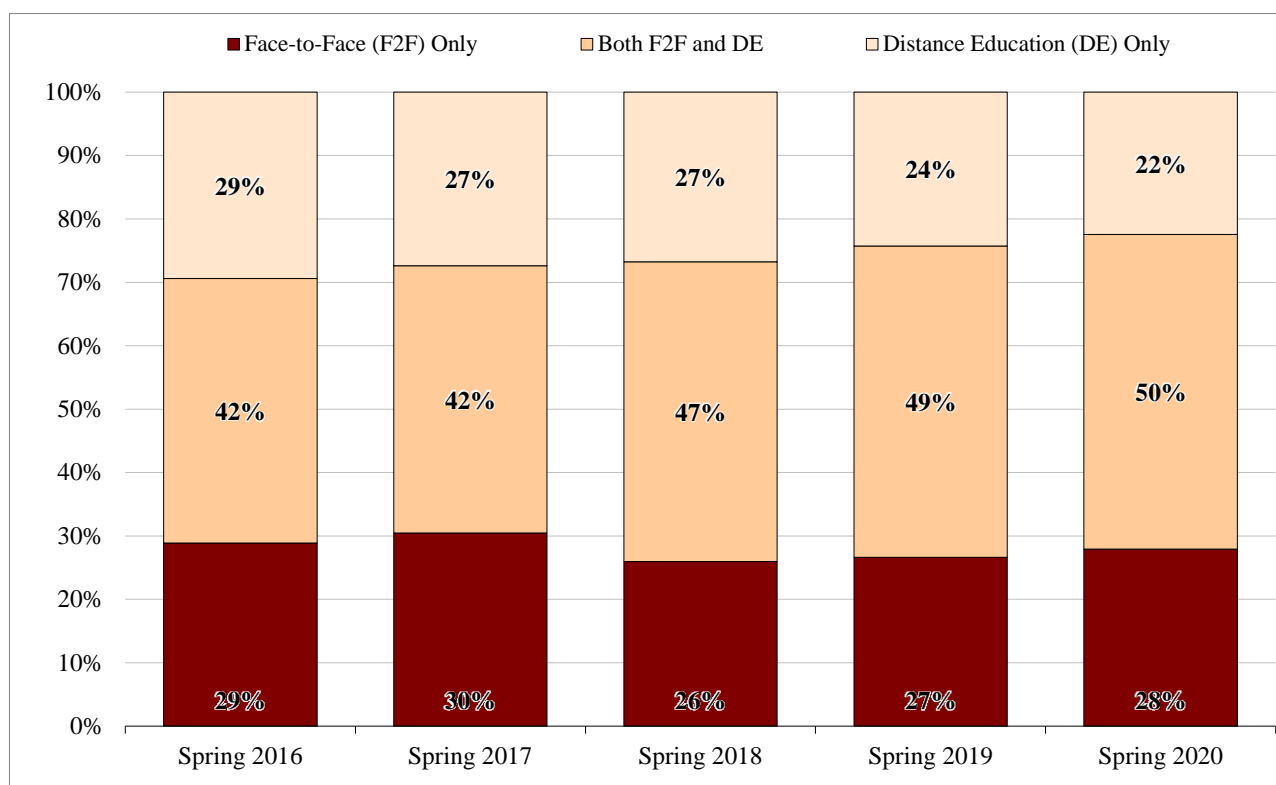
## Student Unit Load

| Computer Information Systems ( CIS ) | | | | | |
|---|---|---|---|---|---|
| | Term | | | | |
| | Spring 2016 | Spring 2017 | Spring 2018 | Spring 2019 | Spring 2020 |
| Full-Time (15+ units) | 47 | 56 | 66 | 69 | 71 |
| Full-Time (12 - 14.5) | 108 | 118 | 97 | 103 | 114 |
| Part-Time (6 - 11.5) | 123 | 147 | 126 | 138 | 170 |
| Part-Time (0.5 - 5.5) | 110 | 106 | 96 | 69 | 64 |
| Non-Credit Only | 0 | 0 | 0 | 0 | 0 |
| % Full-Time (15+ units) | 12% | 13% | 17% | 18% | 17% |
| % Full-Time (12 - 14.5) | 28% | 28% | 25% | 27% | 27% |
| % Part-Time (6 - 11.5) | 32% | 34% | 33% | 36% | 41% |
| % Part-Time (0.5 - 5.5) | 28% | 25% | 25% | 18% | 15% |
| % Non-Credit Only | 0% | 0% | 0% | 0% | 0% |
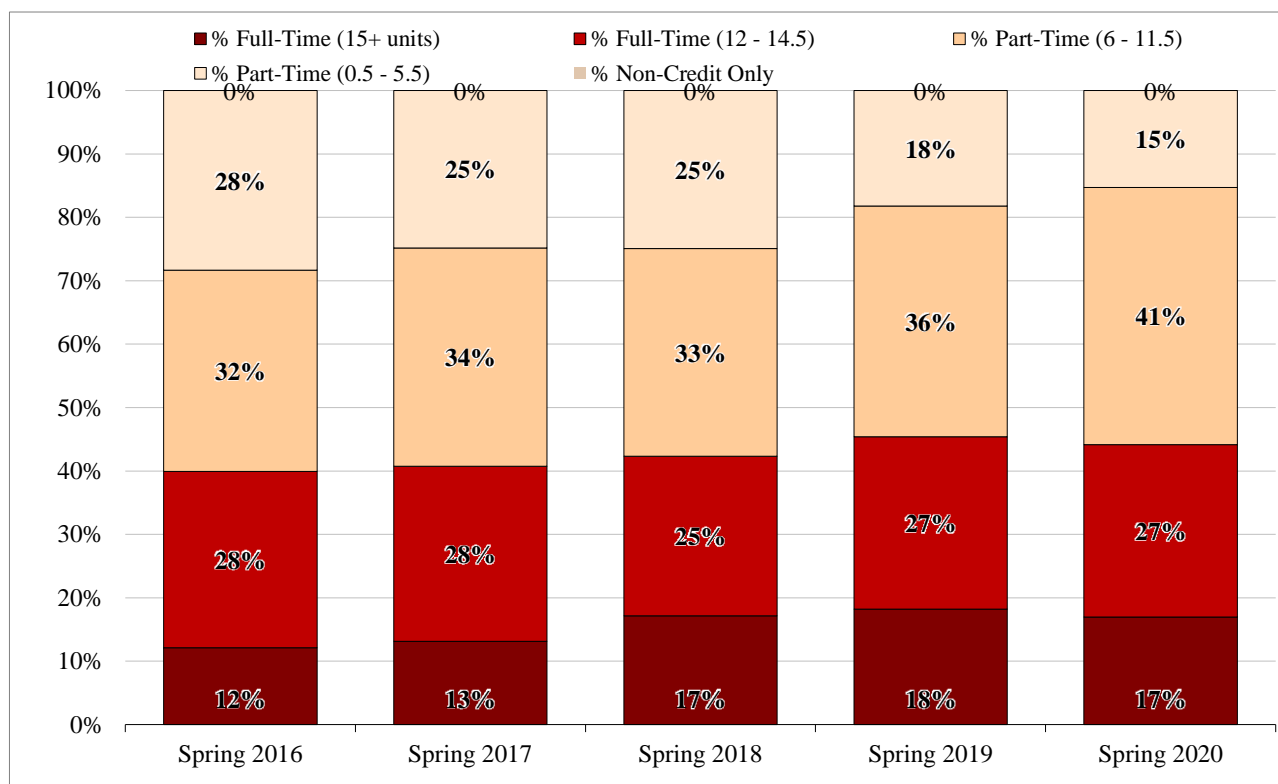
# Students Using Distance Education

| Computer Information Systems ( CIS ) | | | | | |
|---|---|---|---|---|---|
| | **Term** | | | | |
| *(Categories reflect college-wide coursework)* | **Spring 2016** | **Spring 2017** | **Spring 2018** | **Spring 2019** | **Spring 2020** |
| Face-to-Face (F2F) Only | 112 | 130 | 100 | 101 | 117 |
| Both F2F and DE | 162 | 180 | 182 | 186 | 208 |
| Distance Education (DE) Only | 114 | 117 | 103 | 92 | 94 |
| % Face-to-Face (F2F) Only | 29% | 30% | 26% | 27% | 28% |
| % Both F2F and DE | 42% | 42% | 47% | 49% | 50% |
| % Distance Education (DE) Only | 29% | 27% | 27% | 24% | 22% |



**Definitions:**

**Distance Education (DE)** includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'.

## Student Educational Goal

| Computer Information Systems ( CIS ) | | | | | |
|---|---|---|---|---|---|
| | Term | | | | |
| | Spring 2016 | Spring 2017 | Spring 2018 | Spring 2019 | Spring 2020 |
| Transfer (w/ or w/o AA/AS degree) | 201 | 233 | 228 | 217 | 233 |
| Associate Degree Only (AA/AS) | 30 | 41 | 20 | 41 | 46 |
| Occupational Certificate or Job Training | 86 | 79 | 77 | 64 | 77 |
| Improve English/Math Basic Skills | 13 | 10 | 9 | 10 | 10 |
| Personal Development (intellectual/cultural) | 7 | 11 | 13 | 10 | 16 |
| Other | 1 | 3 | 2 | 2 | 3 |
| Undecided | 48 | 50 | 34 | 33 | 32 |
| Unknown | 2 | 0 | 2 | 2 | 2 |
| % Transfer (w/ or w/o AA/AS degree) | 52% | 55% | 59% | 57% | 56% |
| % Associate Degree Only (AA/AS) | 8% | 10% | 5% | 11% | 11% |
| % Occupational Certificate or Job Training | 22% | 19% | 20% | 17% | 18% |
| % Improve English/Math Basic Skills | 3% | 2% | 2% | 3% | 2% |
| % Personal Development (intellectual/cultural | 2% | 3% | 3% | 3% | 4% |
| % Other | <1% | 1% | 1% | 1% | 1% |
| % Undecided | 12% | 12% | 9% | 9% | 8% |
| % Unknown | 1% | 0% | 1% | 1% | <1% |
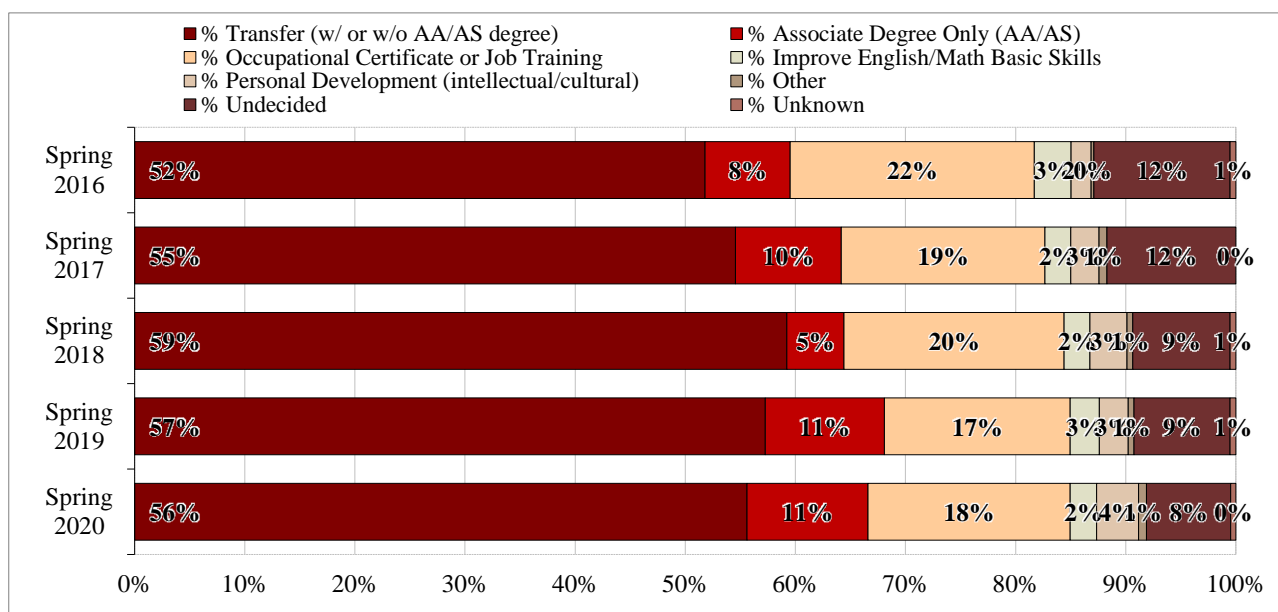


**Definitions:**

**Transfer:** Students who want to transfer to a 4-year university. Includes students enrolled in 4-year institutions completing requirements at LPC.

**Occupational Certificate/Job Training:** Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

**Personal Development:** Students taking courses for intellectual and/or cultural development.

**Other:** Students completing diploma/GED requirements or moving from non-credit to credit courses. Data from admission application.

## Highest Educational Level of Students

| Computer Information Systems ( CIS ) | | | | | |
|---|---|---|---|---|---|
| | Term | | | | |
| | Spring 2016 | Spring 2017 | Spring 2018 | Spring 2019 | Spring 2020 |
| High School/Adult School | 1 | 6 | 9 | 10 | 14 |
| Freshmen (<30 units) | 149 | 152 | 123 | 114 | 130 |
| Sophomore (30-59 units) | 78 | 91 | 93 | 108 | 117 |
| Other Undergraduate (60 units or more) | 64 | 81 | 67 | 67 | 80 |
| AA/AS Degree | 20 | 31 | 21 | 18 | 18 |
| BA/BS or Higher Degree | 76 | 66 | 72 | 62 | 60 |
| % High School/Adult School | <1% | 1% | 2% | 3% | 3% |
| % Freshmen (<30 units) | 38% | 36% | 32% | 30% | 31% |
| % Sophomore (30-59 units) | 20% | 21% | 24% | 28% | 28% |
| % Other Undergraduate (60 units or more) | 16% | 19% | 17% | 18% | 19% |
| % AA/AS Degree | 5% | 7% | 5% | 5% | 4% |
| % BA/BS or Higher Degree | 20% | 15% | 19% | 16% | 14% |
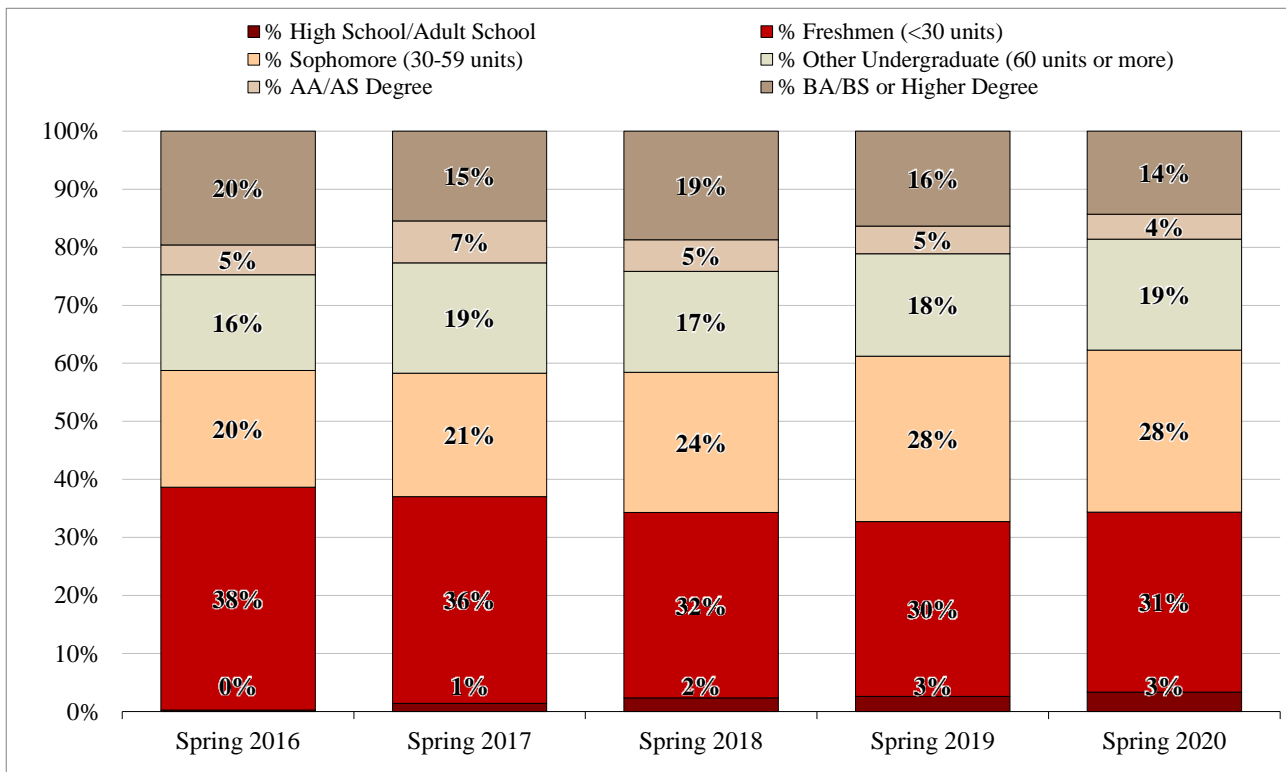
## Student Performance: Grade Distribution

| Computer Information Systems ( CIS ) | | | | | |
|---|---|---|---|---|---|
| | **Term** | | | | |
| | **Spring 2016** | **Spring 2017** | **Spring 2018** | **Spring 2019** | **Spring 2020** |
| **Total Course Enrollments** | **499** | **532** | **475** | **468** | **532** |
| **Course Success Rates** | **68%** | **66%** | **66%** | **73%** | **66%** |
| A | 46% | 41% | 40% | 49% | 45% |
| B | 17% | 16% | 18% | 16% | 12% |
| C | 4% | 8% | 6% | 8% | 7% |
| P | 1% | 2% | 1% | 1% | 2% |
| **Course Non-Success Rate** | **9%** | **14%** | **11%** | **13%** | **6%** |
| D | 1% | 3% | 4% | 2% | <1% |
| F/NP/I | 8% | 11% | 7% | 12% | 6% |
| **Withdrawals (W)** | **23%** | **20%** | **24%** | **14%** | **28%** |
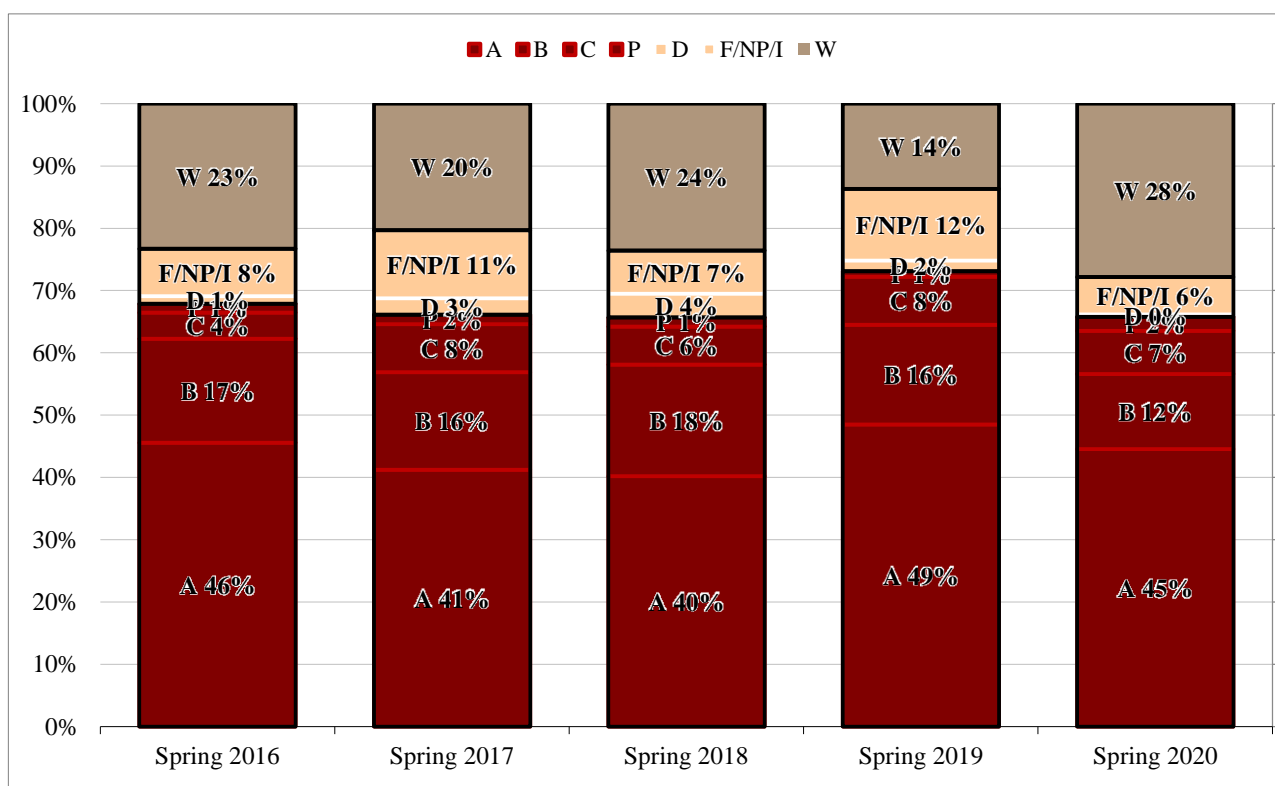


**Definitions:**

**Course Success Rate** is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

**Course Non-Success Rate** is the percentage of students receiving a grade of ('D', 'F', 'NP or 'I') relative to all students receiving a grade.

**Withdrawals** is the percentage of students receiving a grade notation of 'W' relative to all students receiving a grade.

# Student Performance: Distance Education

| Computer Information Systems ( CIS ) | | | | | |
|---|---|---|---|---|---|
| | **Term** | | | | |
| | **Spring 2016** | **Spring 2017** | **Spring 2018** | **Spring 2019** | **Spring 2020** |
| **Total Course Enrollments** | **499** | **532** | **475** | **468** | **532** |
| **Face-to-Face (F2F) Sections** | **202** | **227** | **172** | **180** | **228** |
| Success Rates | 76% | 70% | 72% | 73% | 71% |
| Non-Success Rates | 9% | 13% | 12% | 18% | 6% |
| Withdrawals | 14% | 17% | 17% | 9% | 24% |
| **Distance Education (DE) Sections** | **297** | **305** | **303** | **288** | **304** |
| Success Rates | 62% | 63% | 62% | 73% | 62% |
| Non-Success Rates | 8% | 14% | 10% | 10% | 7% |
| Withdrawals | 29% | 23% | 27% | 17% | 31% |
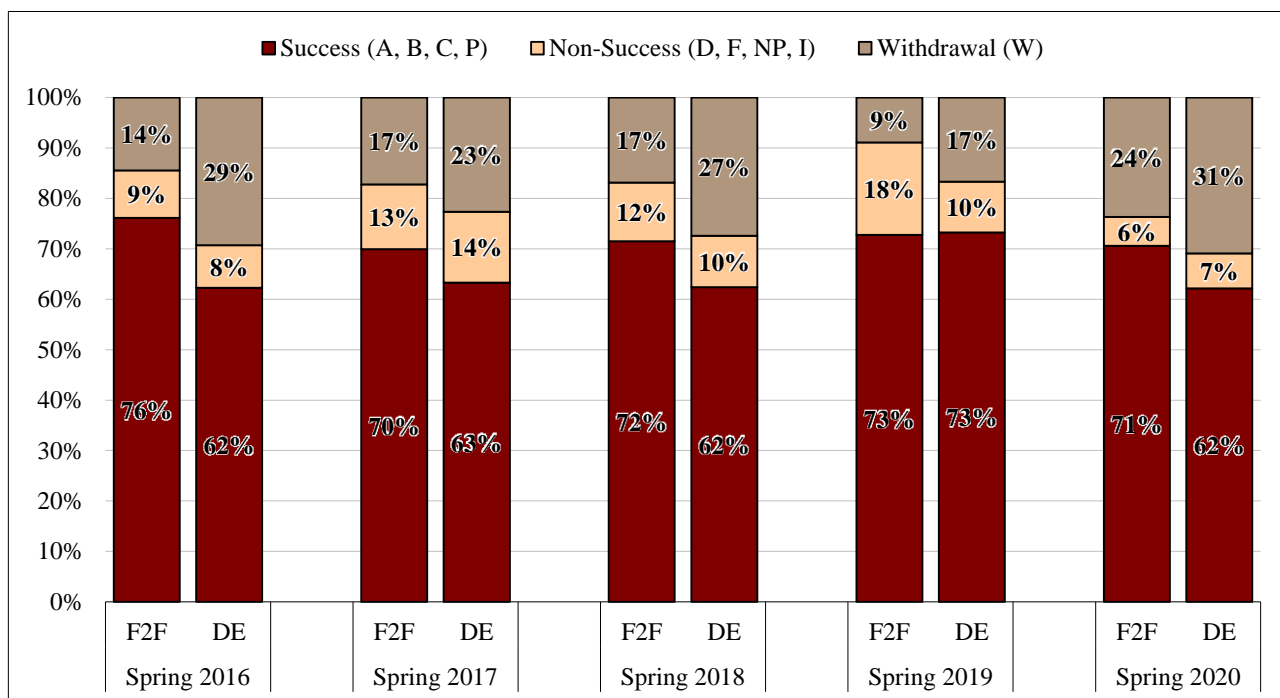


**Definitions:**

**Course Success Rate** is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

**Course Non-Success Rate** is the percentage of students receiving a grade of ('D', 'F', 'NP or 'I') relative to all students receiving a grade.

**Withdrawals** is the percentage of students receiving a grade notation of 'W' relative to all students receiving a grade.

**Distance Education (DE)** includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'.

## Enrollment Management: Part 1

| Computer Information Systems ( CIS ) | | | | | |
|---|---|---|---|---|---|
| | Term | | | | |
| | Spring 2016 | Spring 2017 | Spring 2018 | Spring 2019 | Spring 2020 |
| WSCH | 1,898 | 1,979 | 1,817 | 1,858 | 2,110 |
| FTES | 59.4 | 62.6 | 58.0 | 59.7 | 66.4 |
| FTEF | 5.9 | 5.5 | 5.0 | 4.4 | 4.5 |
| Productivity (WSCH/FTEF) | 323.3 | 360.7 | 363.2 | 425.2 | 466.8 |
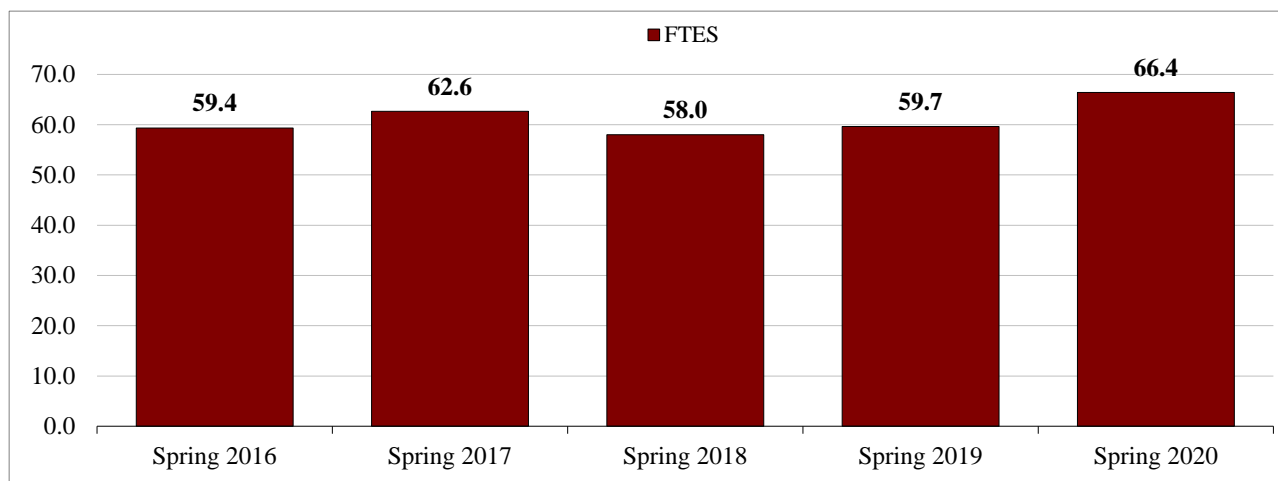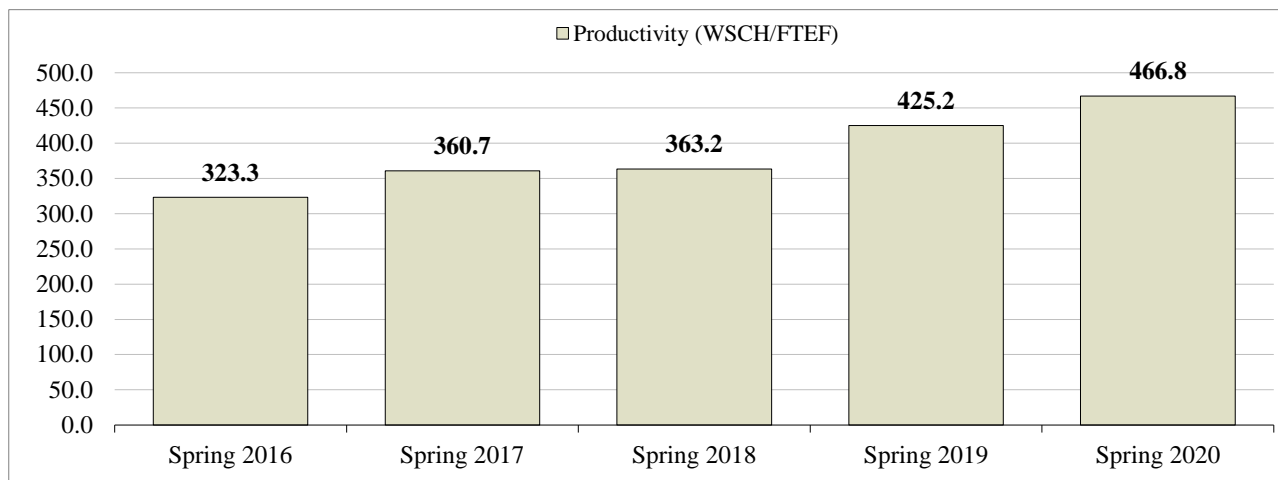




**Definitions:**

**WSCH** is the total Weekly Student Contact Hours resulting from all enrollment within the discipline.

**FTES** is the total Full Time Equivalent Student value resulting from all enrollment within the discipline.

**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**Productivity** is the ratio of WSCH to FTEF and a standard measure of discipline efficiency.

**Note:** Enrollment Management data are of all courses accounted except NTUT / TUTR 200; latest data accessed on 7/14/20.

## Enrollment Management: Part 2

| Computer Information Systems ( CIS ) | | | | | |
|---|---|---|---|---|---|
| | **Term** | | | | |
| | Spring 2016 | Spring 2017 | Spring 2018 | Spring 2019 | Spring 2020 |
| FTEF from Full-Time Faculty | 1.1 | 1.9 | 1.6 | 0.9 | 1.6 |
| % FTEF from Full-Time Faculty | 19% | 35% | 31% | 19% | 35% |
| Enrollments | 499 | 532 | 475 | 468 | 532 |
| Capacity (seats available) | 925 | 935 | 893 | 810 | 804 |
| Fill Rate | 54% | 57% | 53% | 58% | 66% |
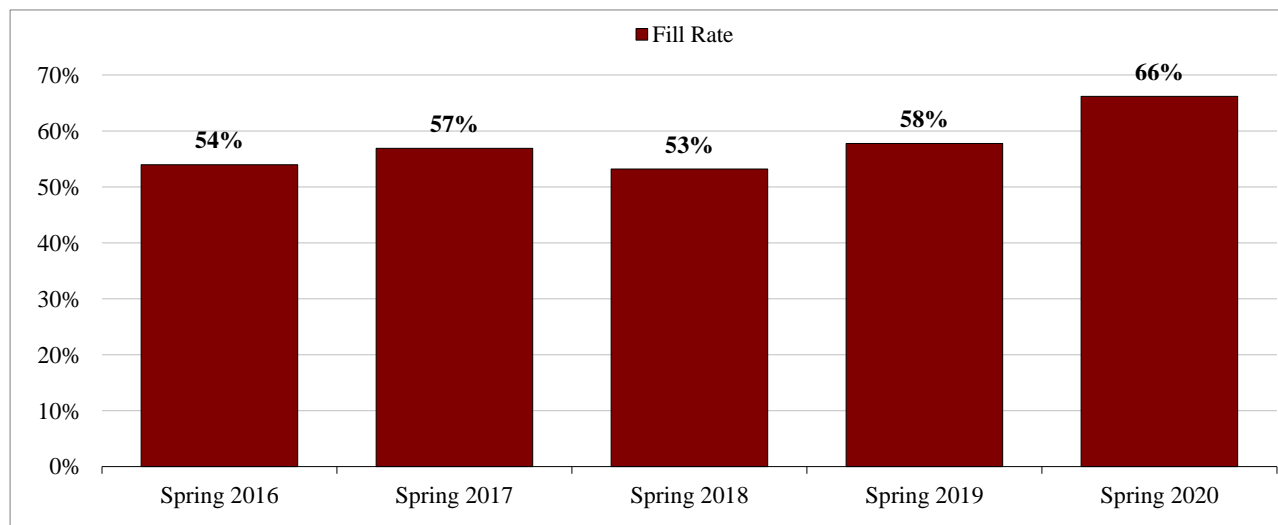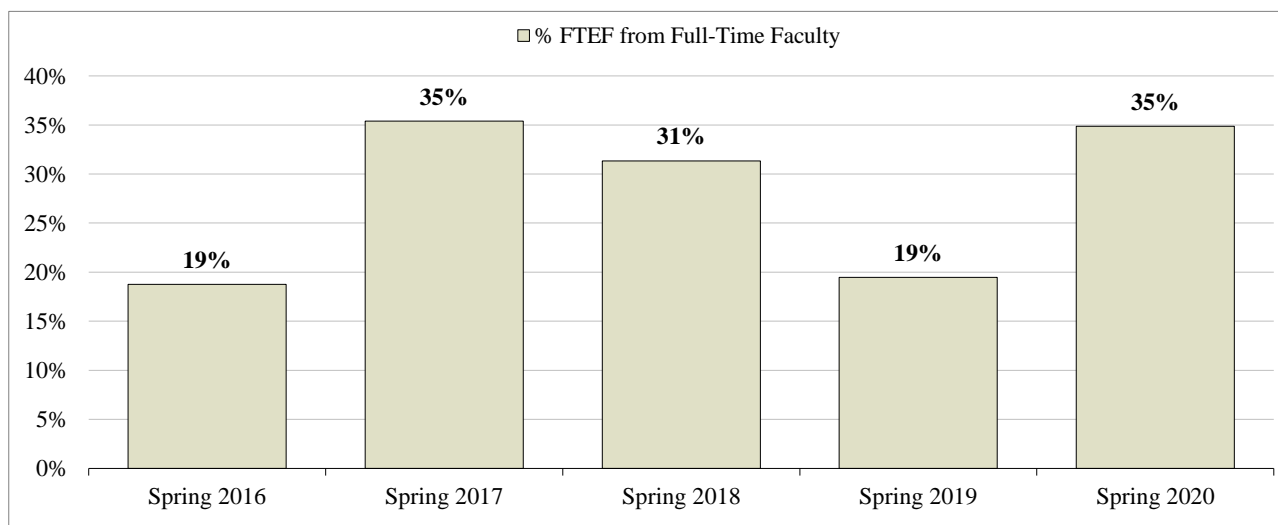




**Definitions:**

**Fill Rate** is number of enrollments over the total capacity (seats available).

**% FTEF from Full-time Faculty** is the FTEF generated by full-time faculty as load (i.e., excluding overload) divided by the total FTEF.

**Note:** Enrollment Management data are of all courses accounted except NTUT / TUTR 200; latest data accessed on 7/14/20.

# College Readiness: English & Math Proficiency

| Spring 2020 | | | | | |
|---|---|---|---|---|---|
| | CIS | | | LPC Overall | |
| | Num | Pct | | Num | Pct |
| **College English** | | | | | |
| Completed College-level | 283 | 68% | | 5,254 | 61% |
| Attempted College-level | 13 | 3% | | 502 | 6% |
| Attempted Below College-level | 8 | 2% | | 179 | 2% |
| No Attempt (with placement) | 51 | 12% | | 1,175 | 14% |
| No Attempt (no placement) | 64 | 15% | | 1,480 | 17% |
| **College Math** | | | | | |
| Completed College-level | 266 | 63% | | 5,383 | 63% |
| Attempted College-level | 13 | 3% | | 274 | 3% |
| Attempted Below College-level | 17 | 4% | | 366 | 4% |
| No Attempt (with placement) | 47 | 11% | | 1,134 | 13% |
| No Attempt (no placement) | 76 | 18% | | 1,433 | 17% |
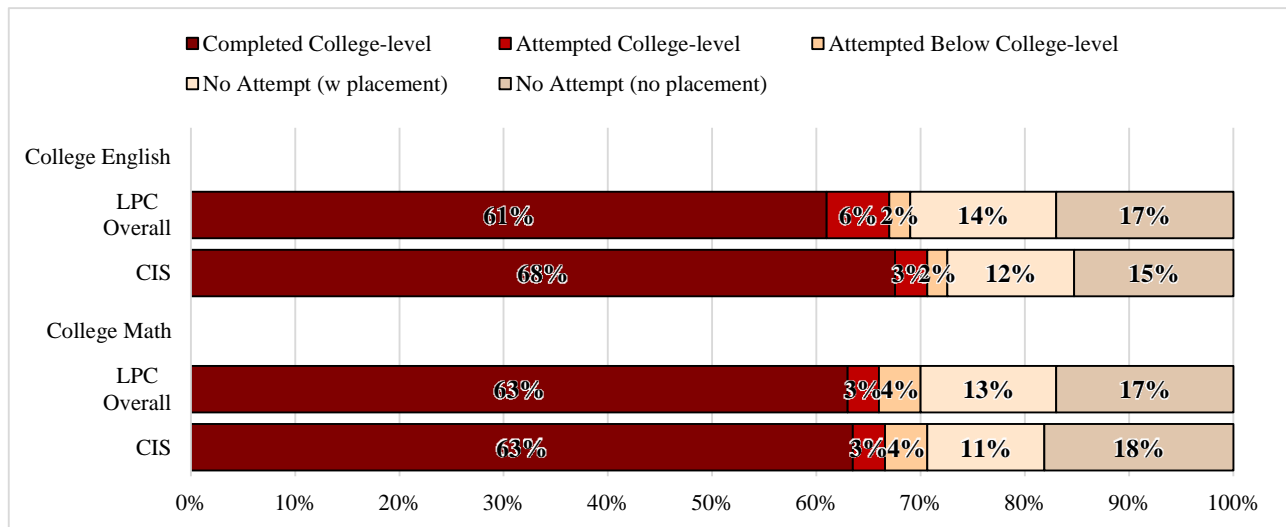


**Definitions:**

**College English: Completed College-level** = successfully completed ENG 1A, 1AEX, or attempted transfer level, or has earned at least an Associates degree.

**Attempted College-level** = attempted ENG 1A or 1AEX but has not successfully completed prior to indicated term.

**Attempted Below College-level** = attempted ENG 102, 104, 105, 100A , 100B, NENG 204, or ESL 25 prior to indicated term.

**No Attempt (w placement)** = no previous English enrollments within the sequence but has used a placement tool.

**No Atempt (no placement) =** no previous English enrollments within the sequence and did not utilize a placement tool.

**College Math:**

**Completed College-level** = succesfully completed MATH 55, 50, NMAT 255 or 250, or attempted transfer level, or has earned at least an Associates degree.

**Attempted College-level** = attempted MATH 55, 50, NMAT 255 or 250 but has not successfully completed prior to indicated term.

**Attempted Below College-level** = attempted MATH 110, 107, NMAT 210 or 207 prior to indicated term.

**No Attempt (w placement)** = no previous Math enrollments within the sequence but has used a placement tool.

**No Atempt (no placement) =** no previous Math enrollments within the sequence and did not utilize a placement tool.