Las Positas College

Program Review Discipline Data Packet

Spring 2015 to Spring 2019
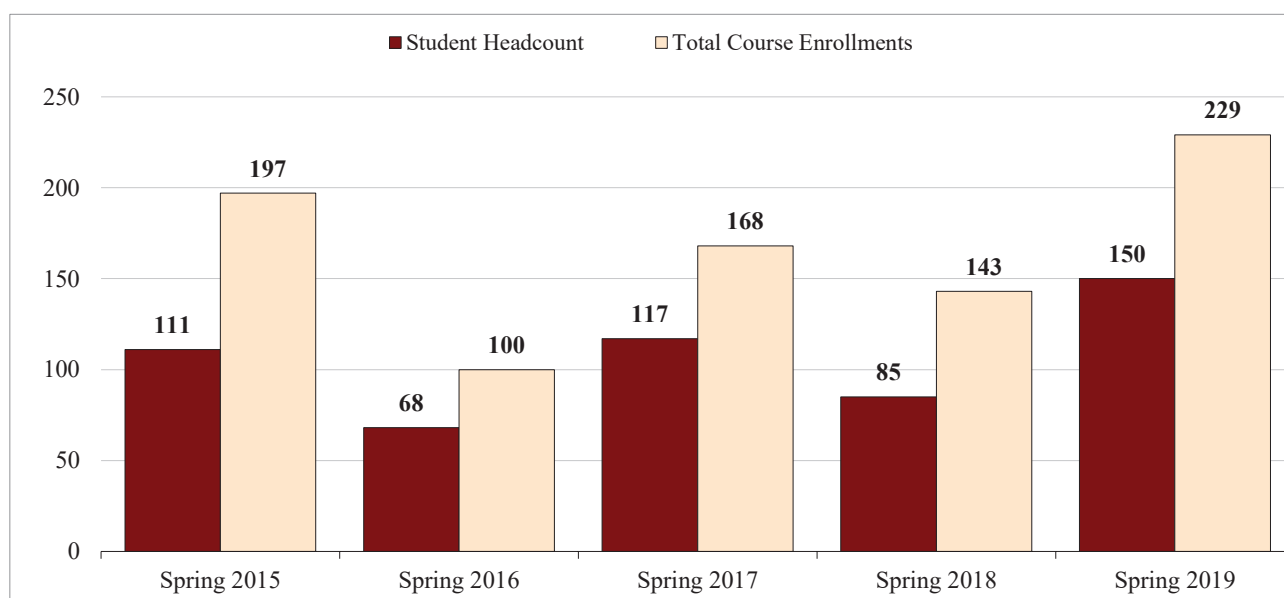
Discipline:

Computer Networking Technology (CNT)

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

Headcount & Enrollment

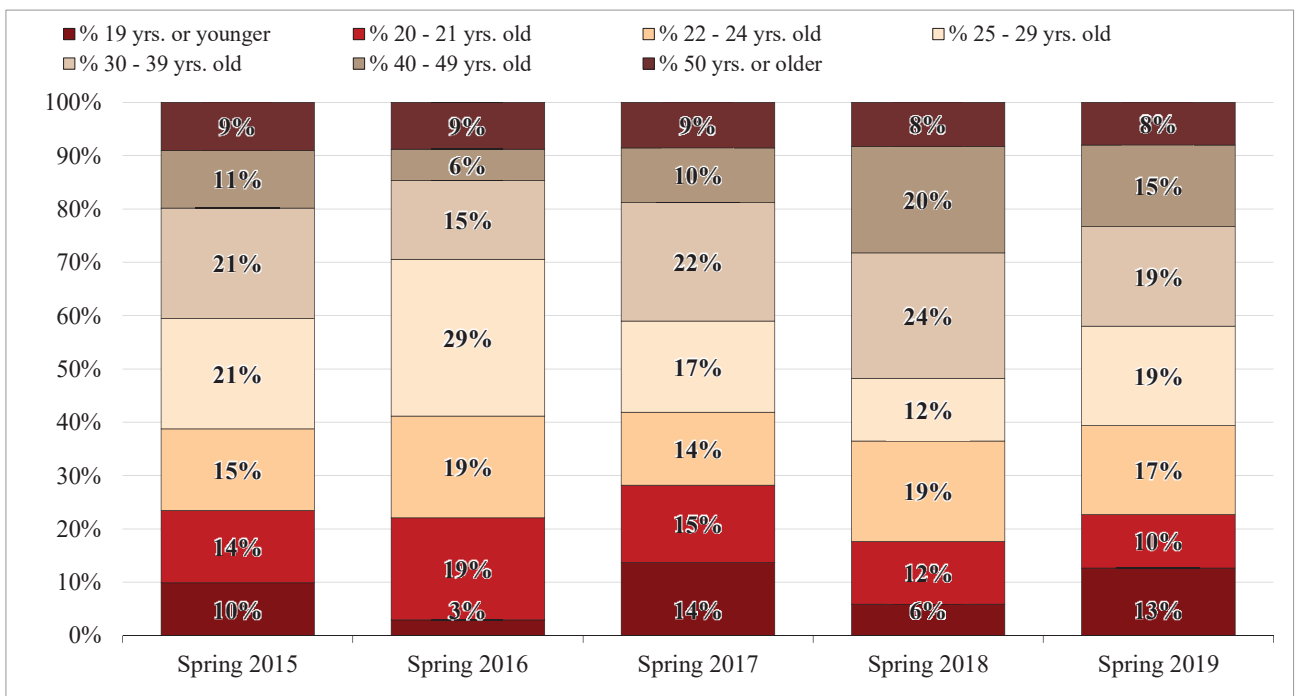| Computer Networking Technology (CNT)					
	Term				
	Spring 2015	**Spring 2016**	**Spring 2017**	**Spring 2018**	**Spring 2019**
Student Headcount	111	68	117	85	150
Total Course Enrollments	197	100	168	143	229

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.
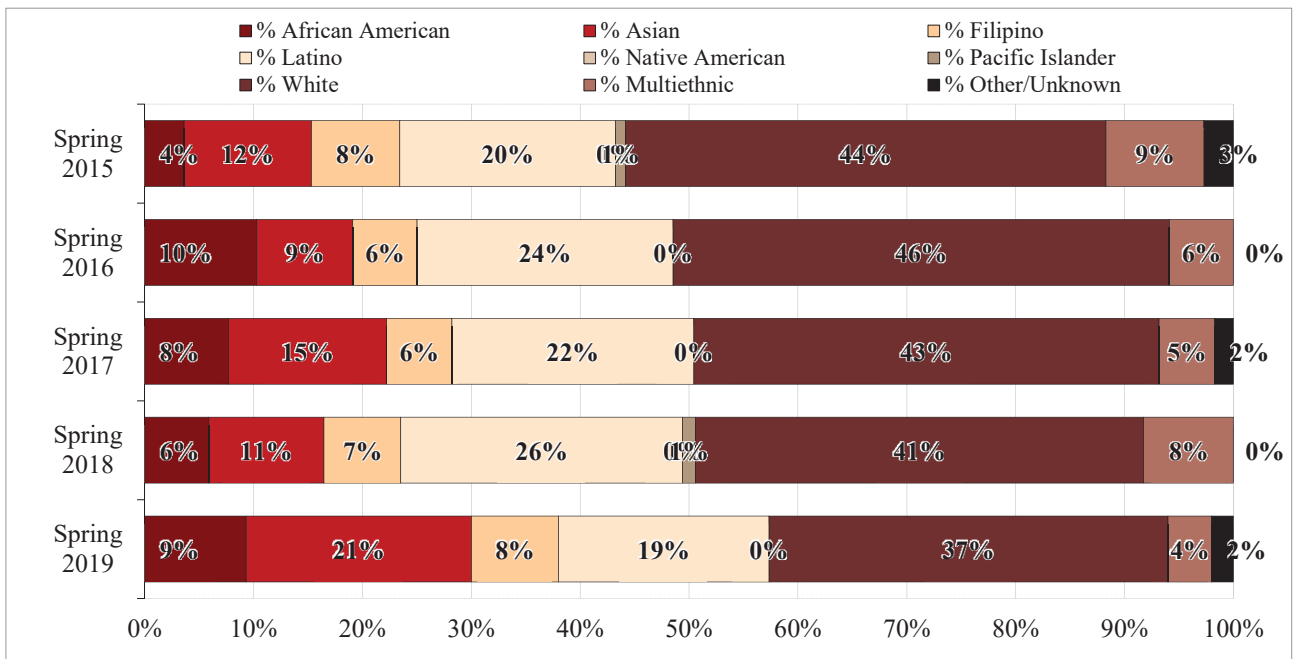
Student Demographics: Gender & Age

Computer Networking Technology (CNT)					
	Term				
	Spring 2015	**Spring 2016**	**Spring 2017**	**Spring 2018**	**Spring 2019**
Female	12	10	15	8	28
Male	96	58	100	77	120
19 yrs. or younger	11	2	16	5	19
20-21 yrs. old	15	13	17	10	15
22-24 yrs. old	17	13	16	16	25
25-29 yrs. old	23	20	20	10	28
30-39 yrs. old	23	10	26	20	28
40-49 yrs. old	12	4	12	17	23
50 yrs. or older	10	6	10	7	12
% Female	11%	15%	13%	9%	19%
% Male	89%	85%	87%	91%	81%
% 19 yrs. or younger	10%	3%	14%	6%	13%
% 20 - 21 yrs. old	14%	19%	15%	12%	10%
% 22 - 24 yrs. old	15%	19%	14%	19%	17%
% 25 - 29 yrs. old	21%	29%	17%	12%	19%
% 30 - 39 yrs. old	21%	15%	22%	24%	19%
% 40 - 49 yrs. old	11%	6%	10%	20%	15%
% 50 yrs. or older	9%	9%	9%	8%	8%

Student Demographic: Race-Ethnicity

Computer Networking Technology (CNT)					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
African American	4	7	9	5	14
Asian	13	6	17	9	31
Filipino	9	4	7	6	12
Latino	22	16	26	22	29
Native American	0	0	0	0	0
Pacific Islander	1	0	0	1	0
White	49	31	50	35	55
Multiethnic	10	4	6	7	6
Other/Unknown	3	0	2	0	3
% African American	4%	10%	8%	6%	9%
% Asian	12%	9%	15%	11%	21%
% Filipino	8%	6%	6%	7%	8%
% Latino	20%	24%	22%	26%	19%
% Native American	0%	0%	0%	0%	0%
% Pacific Islander	1%	0%	0%	1%	0%
% White	44%	46%	43%	41%	37%
% Multiethnic	9%	6%	5%	8%	4%
% Other/Unknown	3%	0%	2%	0%	2%

Student Enrollment Status

Computer Networking Technology (CNT)					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
First-Time Any College	6	6	3	5	6
First-Time Transfer	11	2	12	6	14
Continuing	82	50	87	71	113
Returning	11	10	12	3	13
Concurrent Enrollment	1	0	3	0	4
% First-Time Any College	5%	9%	3%	6%	4%
% First-Time Transfer	10%	3%	10%	7%	9%
% Continuing	74%	74%	74%	84%	75%
% Returning	10%	15%	10%	4%	9%
% Concurrent Enrollment	1%	0%	3%	0%	3%
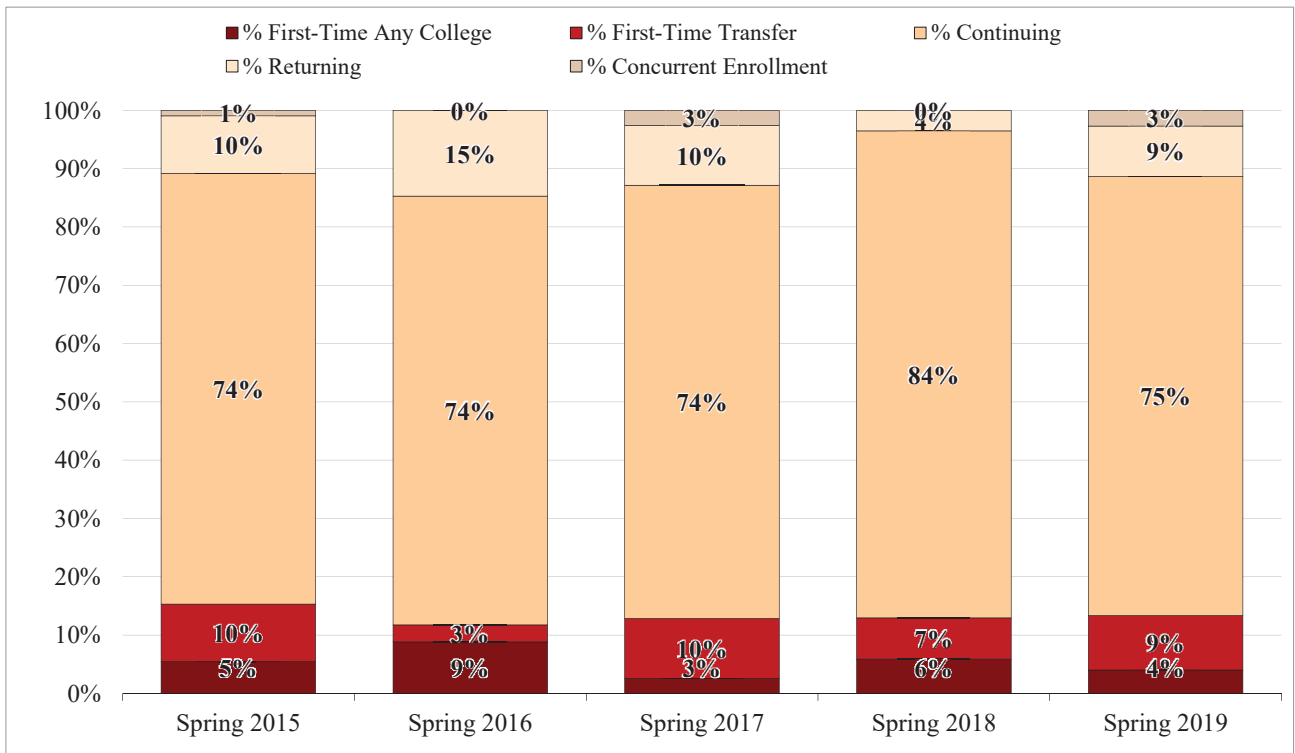
Definitions:

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.
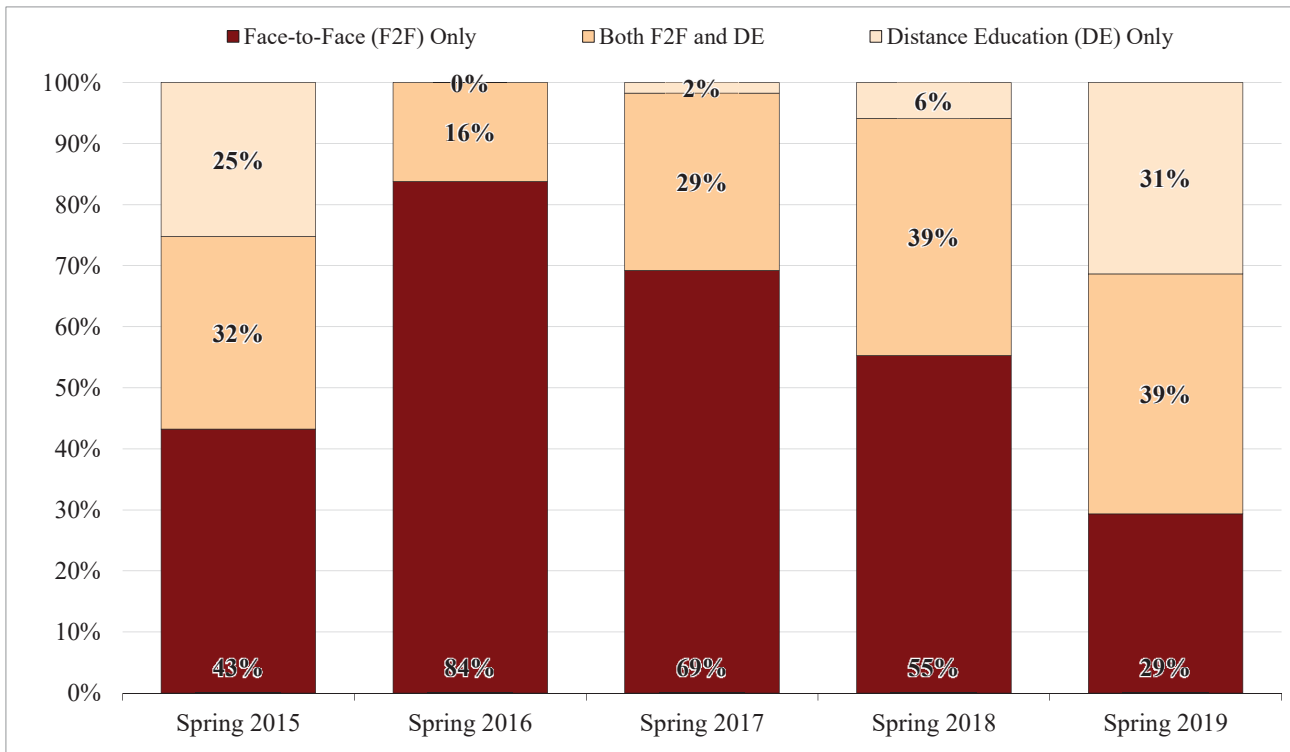
Student Unit Load

Computer Networking Technology (CNT)					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
Full-Time (12 units or more)	31	13	25	25	46
Part-Time (6 to 11.5 units)	45	38	57	34	62
Part-Time (0.5 to 5.5 units)	35	17	35	26	42
% Full-Time (12 units or more)	28%	19%	21%	29%	31%
% Part-Time (6 to 11.5 units)	41%	56%	49%	40%	41%
% Part-Time (0.5 to 5.5 units)	32%	25%	30%	31%	28%
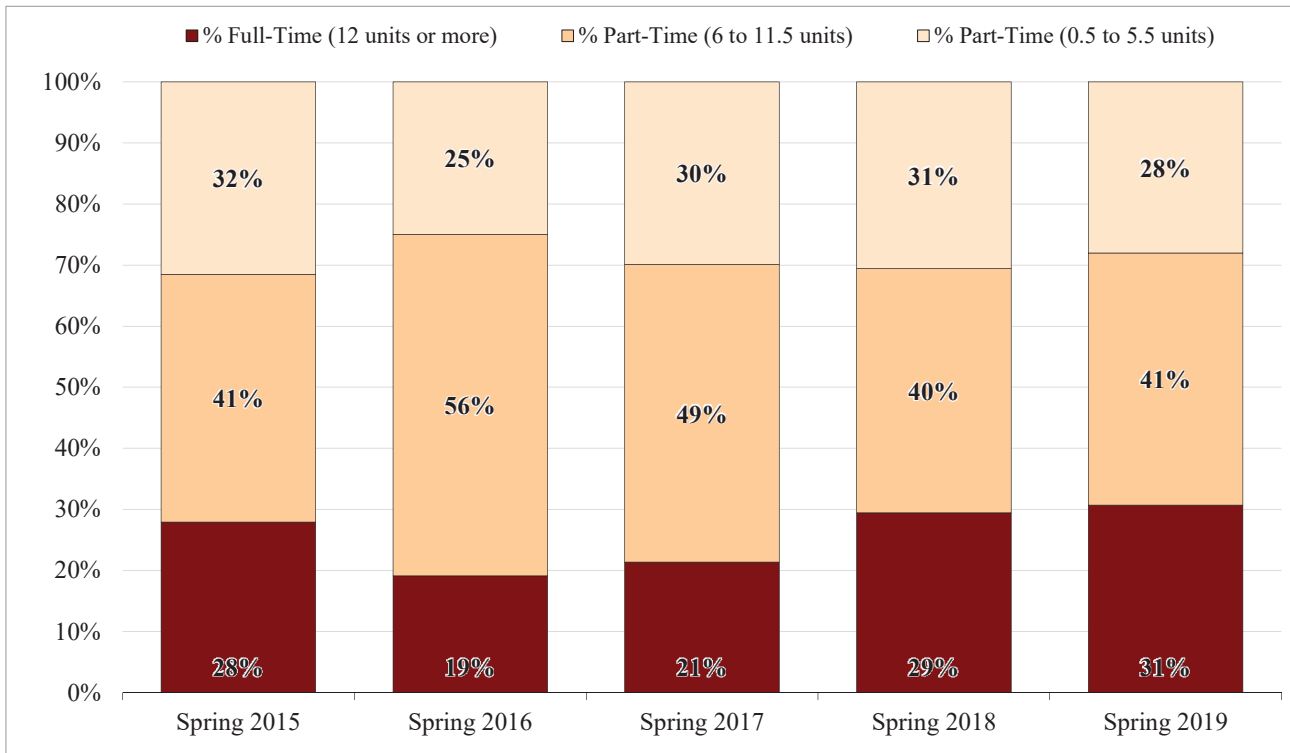
Students Using Distance Education

| Computer Networking Technology (CNT)					
	Term				
(Categories reflect college-wide coursework)	**Spring 2015**	**Spring 2016**	**Spring 2017**	**Spring 2018**	**Spring 2019**
Face-to-Face (F2F) Only	48	57	81	47	44
Both F2F and DE	35	11	34	33	59
Distance Education (DE) Only	28	0	2	5	47
% Face-to-Face (F2F) Only	43%	84%	69%	55%	29%
% Both F2F and DE	32%	16%	29%	39%	39%
% Distance Education (DE) Only	25%	0%	2%	6%	31%

Definitions:

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

Student Educational Goal

Computer Networking Technology (CNT)					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
Transfer (w/ or w/o AA/AS degree)	46	29	56	49	75
Associate Degree Only (AA/AS)	13	7	12	8	18
Occupational Certificate or Job Training	32	19	26	20	36
Improve English/Math Basic Skills	3	2	3	3	2
Personal Development (intellectual/cultural)	3	0	1	0	7
Other	0	0	2	0	1
Undecided	14	10	15	5	11
Unknown	0	1	2	0	0
% Transfer (w/ or w/o AA/AS degree)	41%	43%	48%	58%	50%
% Associate Degree Only (AA/AS)	12%	10%	10%	9%	12%
% Occupational Certificate or Job Training	29%	28%	22%	24%	24%
% Improve English/Math Basic Skills	3%	3%	3%	4%	1%
% Personal Development (intellectual/cultural)	3%	0%	1%	0%	5%
% Other	0%	0%	2%	0%	1%
% Undecided	13%	15%	13%	6%	7%
% Unknown	0%	1%	2%	0%	0%
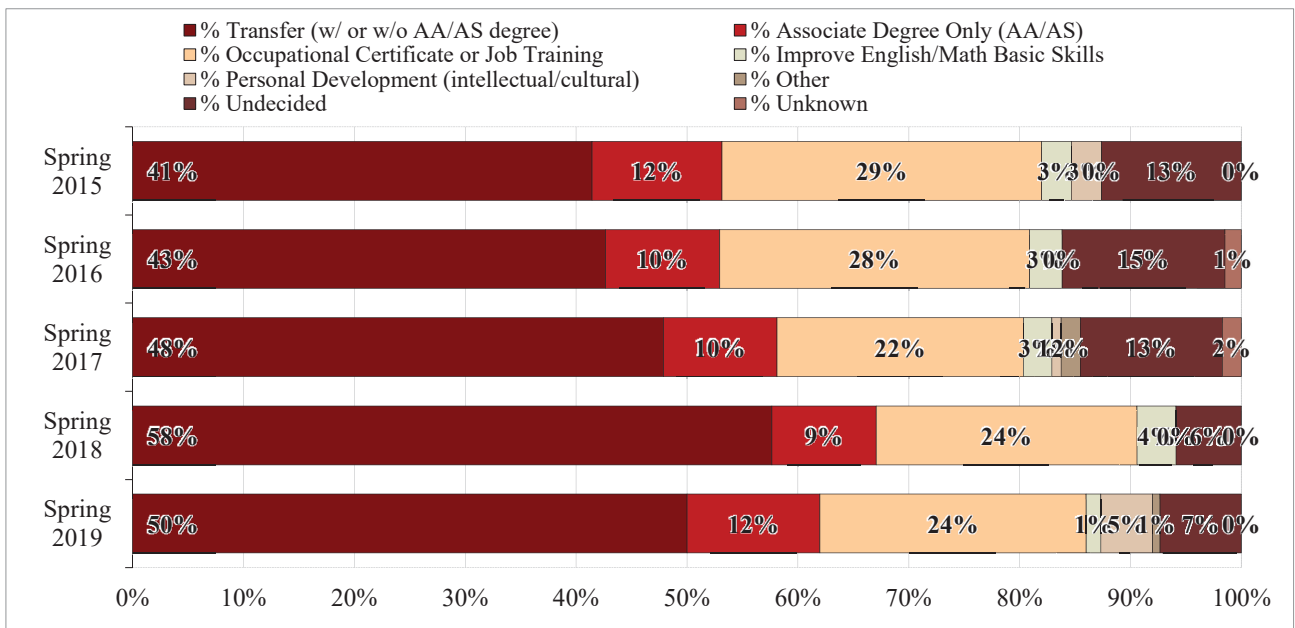
Definitions:

  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 Networking Technology (CNT)					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
High School/Adult School	1	1	4	0	4
Freshmen (<30 units)	45	27	54	35	50
Sophomore (30-59 units)	23	13	21	23	31
Other Undergraduate (60 units or more)	10	11	13	12	25
AA/AS Degree	5	4	7	2	10
BA/BS or Higher Degree	27	12	18	13	30
% High School/Adult School	1%	1%	3%	0%	3%
% Freshmen (<30 units)	41%	40%	46%	41%	33%
% Sophomore (30-59 units)	21%	19%	18%	27%	21%
% Other Undergraduate (60 units or more)	9%	16%	11%	14%	17%
% AA/AS Degree	5%	6%	6%	2%	7%
% BA/BS or Higher Degree	24%	18%	15%	15%	20%
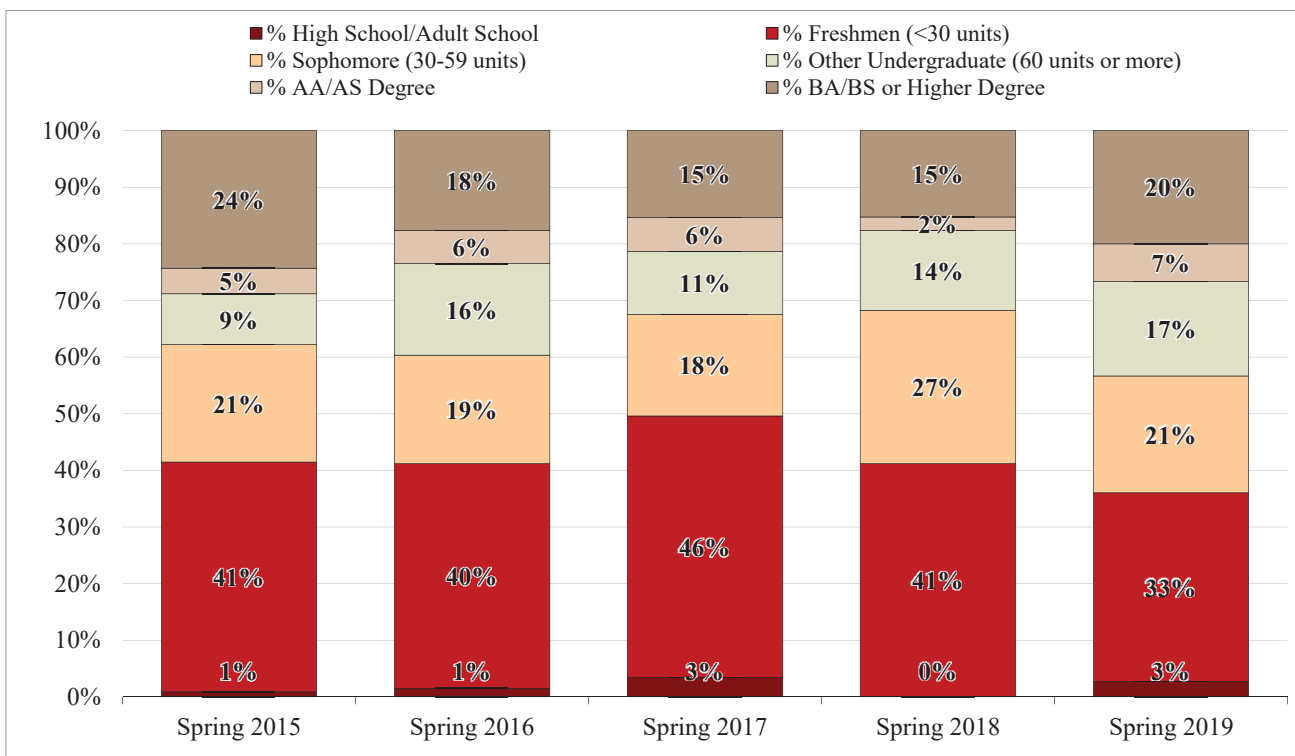
Student Performance: Grade Distribution

| Computer Networking Technology (CNT)					
	Term				
	Spring 2015	**Spring 2016**	**Spring 2017**	**Spring 2018**	**Spring 2019**
Total Course Enrollments	**197**	**100**	**168**	**143**	**229**
Course Success Rates	**65%**	**79%**	**71%**	**80%**	**64%**
A	38%	39%	52%	57%	37%
B	11%	22%	13%	11%	17%
C	15%	17%	6%	12%	10%
P	1%	1%	0%	0%	0%
Course Non-Success Rate	**12%**	**7%**	**9%**	**13%**	**16%**
D	6%	5%	2%	1%	2%
F/NP/I	6%	2%	7%	13%	14%
Withdrawals (W)	**23%**	**14%**	**20%**	**7%**	**20%**
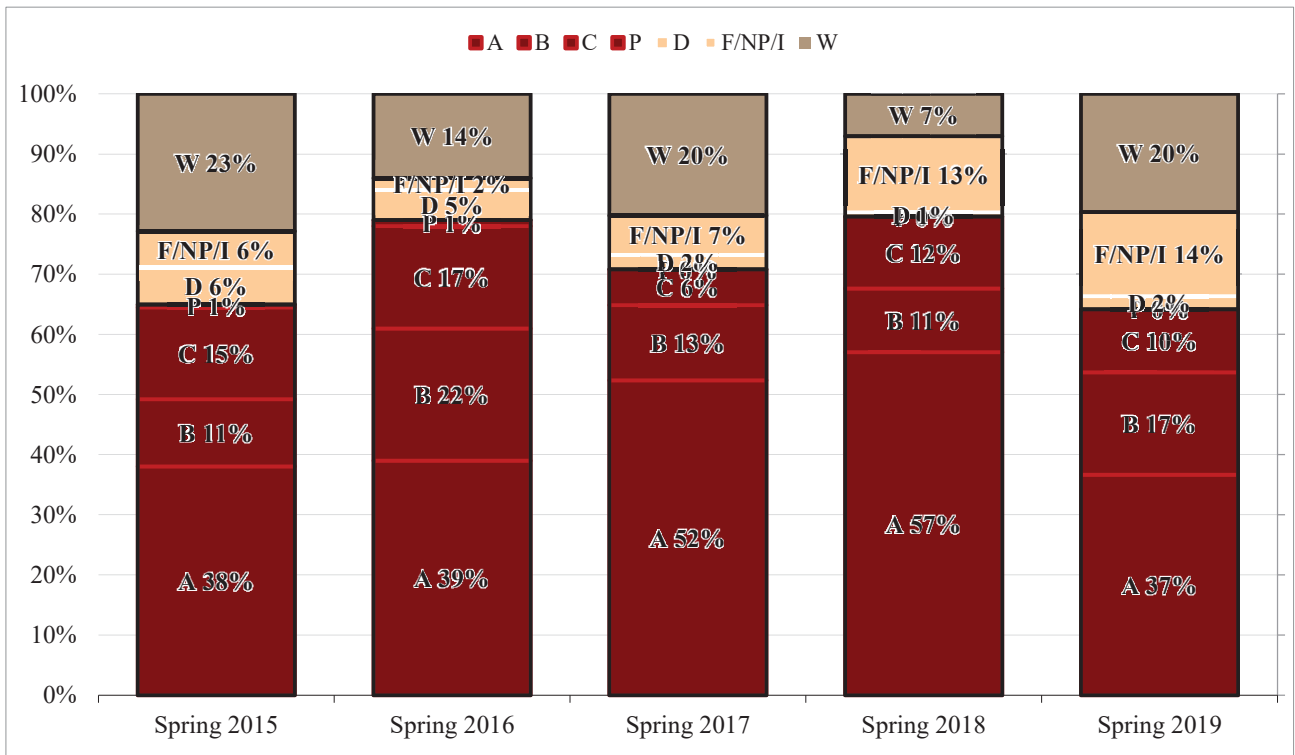
Definitions:

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 Networking Technology (CNT)					
	Term				
	Spring 2015	**Spring 2016**	**Spring 2017**	**Spring 2018**	**Spring 2019**
Total Course Enrollments	**197**	**100**	**168**	**143**	**229**
Face-to-Face (F2F) Sections	**121**	**99**	**159**	**118**	**106**
Success Rates	71%	79%	72%	82%	85%
Non-Success Rates	10%	7%	9%	11%	3%
Withdrawals	19%	14%	19%	7%	12%
Distance Education (DE) Sections	**76**	**1**	**9**	**25**	**123**
Success Rates	55%	100%	56%	67%	46%
Non-Success Rates	16%	0%	11%	25%	28%
Withdrawals	29%	0%	33%	8%	26%
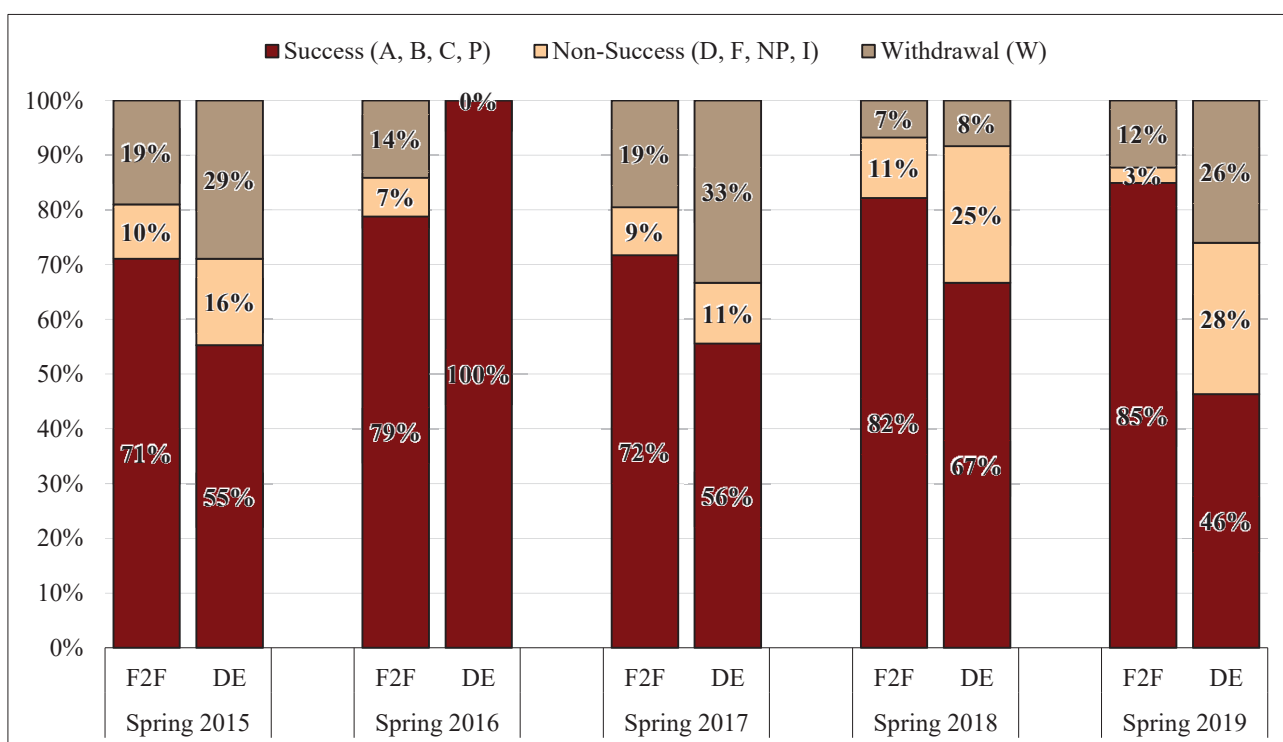
Definitions:

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 Networking Technology (CNT)					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
WSCH	755	469	752	600	954
FTES	24.7	15.6	24.3	19.3	30.3
FTEF	2.1	0.9	1.7	1.5	2.6
Productivity (WSCH/FTEF)	367.2	497.9	442.6	411.5	365.0
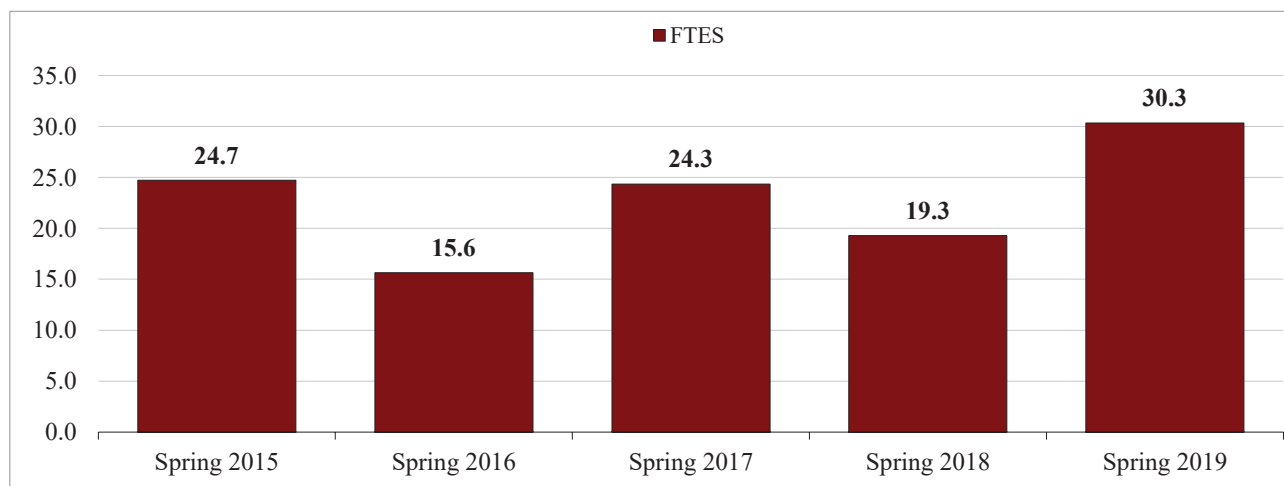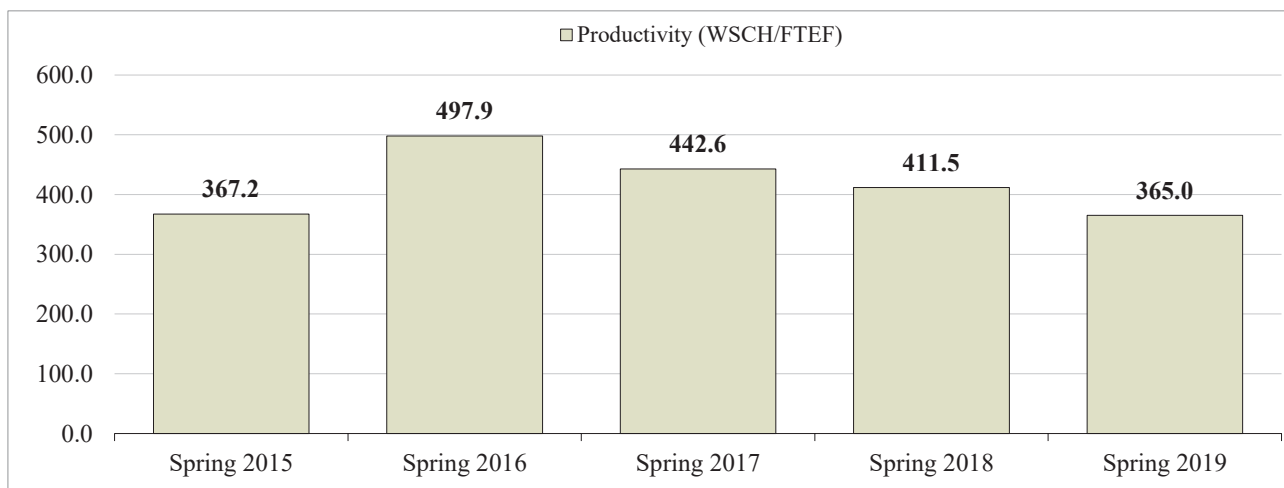
Definitions:

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 includes all credit courses accounted for during the respective academic terms; data accessed on 5/15/18.

Enrollment Management: Part 2

| Computer Networking Technology (CNT)					
	Term				
	Spring 2015	Spring 2016	Spring 2017	Spring 2018	Spring 2019
FTEF from Full-Time Faculty	1.2	0.9	1.7	1.5	1.5
% FTEF from Full-Time Faculty	59%	100%	100%	100%	59%
Enrollments	197	100	168	143	229
Capacity (seats available)	250	90	178	158	270
Fill Rate	79%	111%	94%	91%	85%
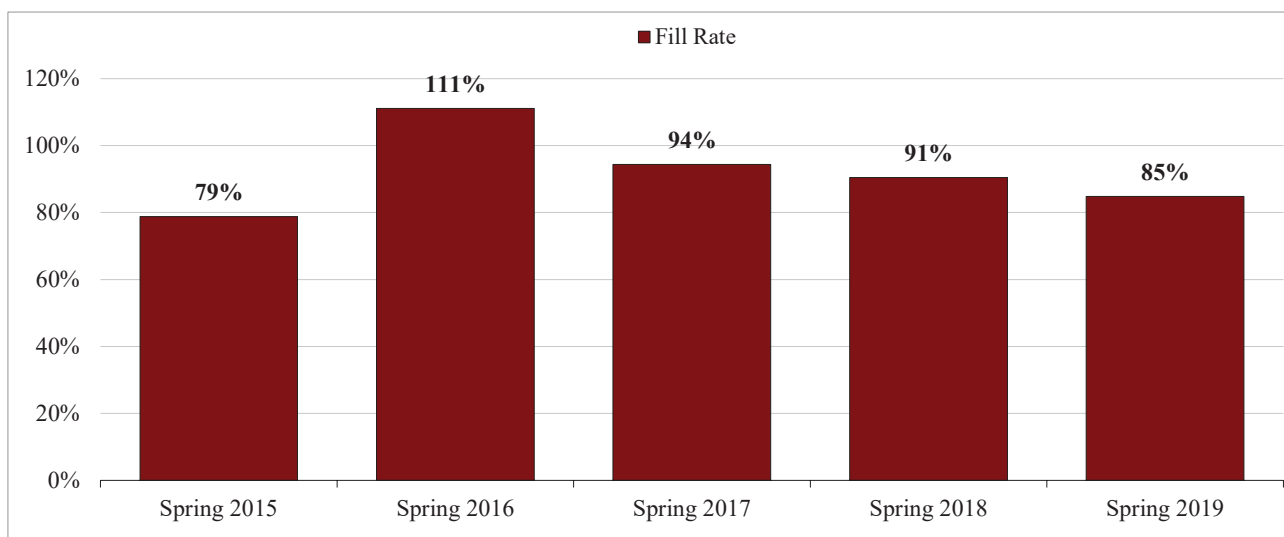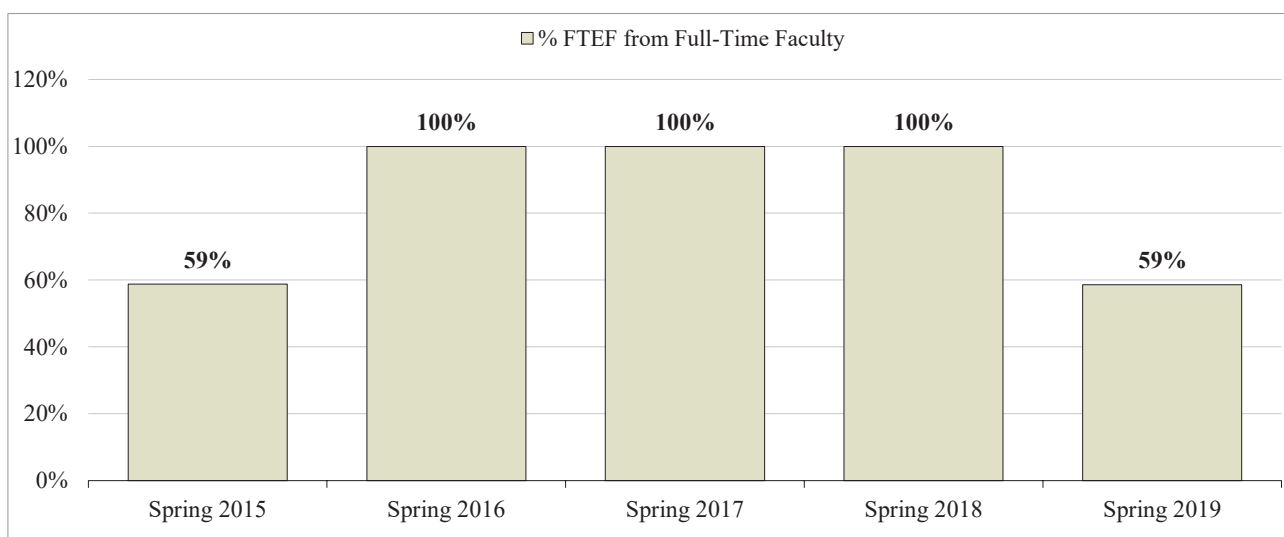
Definitions:

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 includes all credit courses accounted for during the respective academic terms; data accessed on 5/15/18.

College Readiness: English & Math Proficiency

Spring 2019				
	CNT		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	94	63%	5,237	60%
College-level Ready	14	10%	1,339	15%
Not College-level Ready	11	8%	458	5%
Unknown	31	22%	1,703	19%
College Math				
Completed College-level	82	55%	4,956	57%
College-level Ready	12	8%	642	7%
Not College-level Ready	19	13%	1,161	13%
Unknown	37	25%	1,978	23%
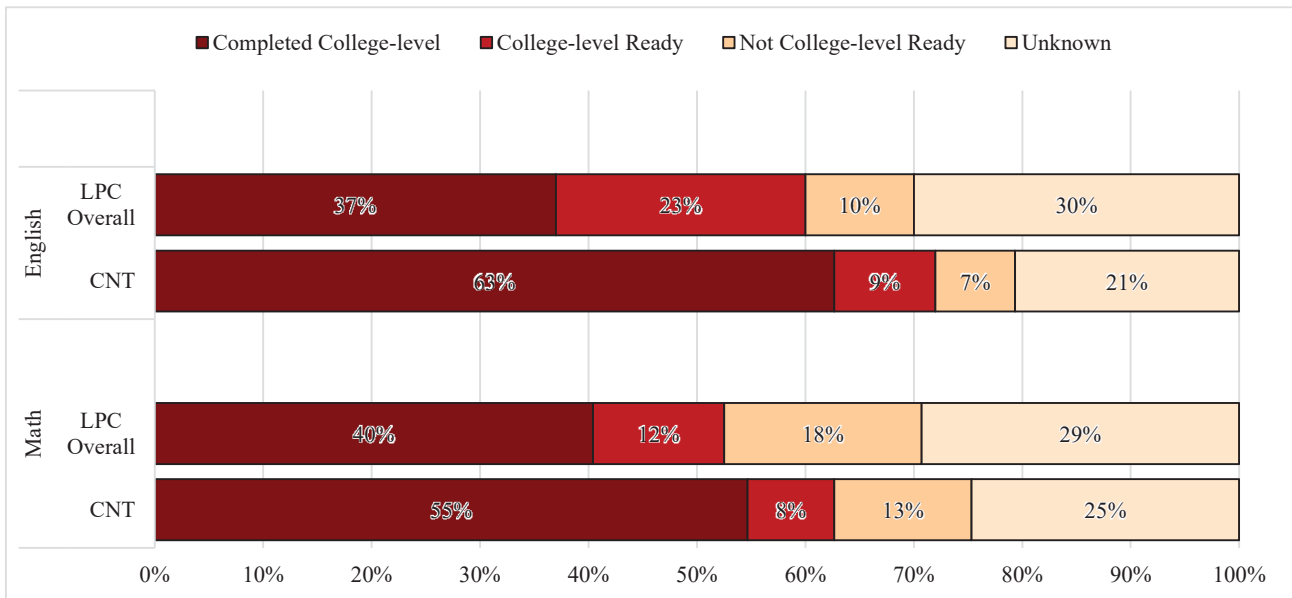
Definitions:

College English

Completed College-level is defined as successfully completed ENG 1A or higher, or has earned at least an Associates degree.

College-level Ready is defined as anyone who is eligible for ENG 1A but has not successfully completed the course.

Not College-level Ready is defined as anyone who is not eligible for ENG 1A but has not successfully completed the course.

Unknown is defined as anyone with no previous English enrollments within the sequence and no previous English assessment.

College Math

Completed College-level is defined as succesfully completed Math 55 or higher or assessed into Transfer-level Math, or has earned at least an Associates degree.

College-level Ready is defined as anyone who is eligible for MATH 55 but has not yet succesfully complete the course.

Not College-level Ready is defined as anyone who is not eligible for MATH 55 but has not yet succesfully complete the course.

Unknown is defined as anyone with no previous Math enrollments within the sequence and no previous Math assessment.