Las Positas College

Discipline Program Review Data Packet

Spring 2017 to Spring 2021
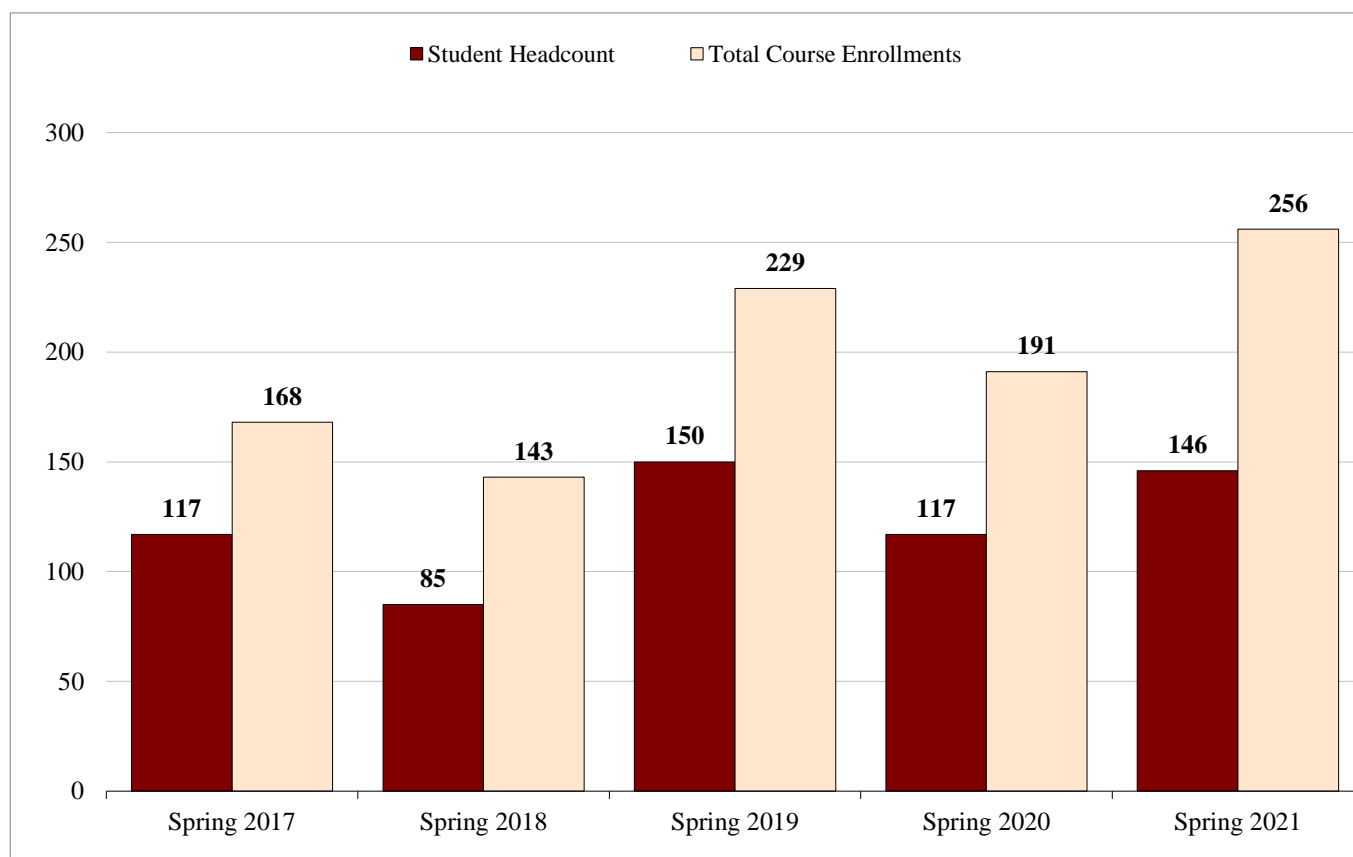
Discipline:

Computer Networking Technology (CNT)

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

Headcount & Enrollment

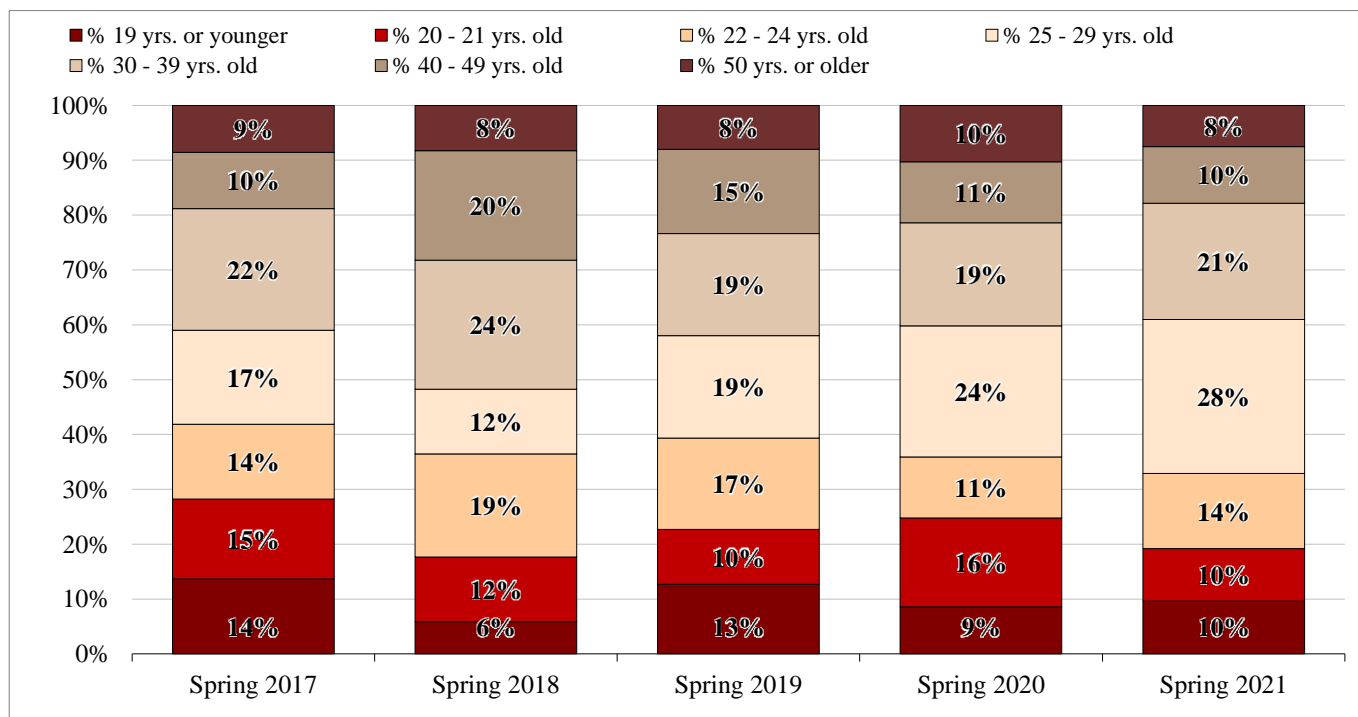| Computer Networking Technology (CNT)					
	Term				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
Student Headcount	117	85	150	117	146
Total Course Enrollments	168	143	229	191	256

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.
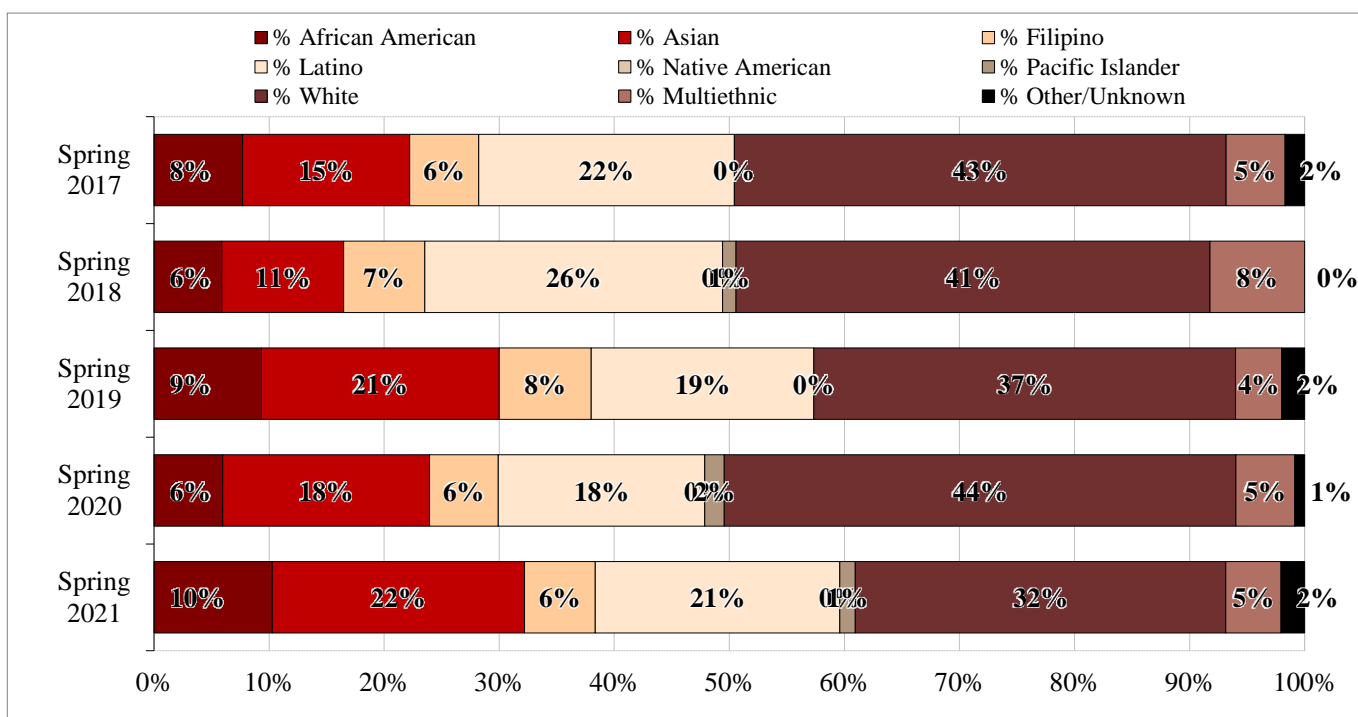
Student Demographics: Gender & Age

Computer Networking Technology (CNT)					
	Term				
	Spring 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
Female	15	8	28	21	29
Male	100	77	120	93	112
19 yrs. or younger	16	5	19	10	14
20-21 yrs. old	17	10	15	19	14
22-24 yrs. old	16	16	25	13	20
25-29 yrs. old	20	10	28	28	41
30-39 yrs. old	26	20	28	22	31
40-49 yrs. old	12	17	23	13	15
50 yrs. or older	10	7	12	12	11
% Female	13%	9%	19%	18%	21%
% Male	87%	91%	81%	82%	79%
% 19 yrs. or younger	14%	6%	13%	9%	10%
% 20 - 21 yrs. old	15%	12%	10%	16%	10%
% 22 - 24 yrs. old	14%	19%	17%	11%	14%
% 25 - 29 yrs. old	17%	12%	19%	24%	28%
% 30 - 39 yrs. old	22%	24%	19%	19%	21%
% 40 - 49 yrs. old	10%	20%	15%	11%	10%
% 50 yrs. or older	9%	8%	8%	10%	8%

Student Demographic: Race-Ethnicity

Computer Networking Technology (CNT)					
	Term				
	Spring 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
African American	9	5	14	7	15
Asian	17	9	31	21	32
Filipino	7	6	12	7	9
Latino	26	22	29	21	31
Native American	0	0	0	0	0
Pacific Islander	0	1	0	2	2
White	50	35	55	52	47
Multiethnic	6	7	6	6	7
Other/Unknown	2	0	3	1	3
% African American	8%	6%	9%	6%	10%
% Asian	15%	11%	21%	18%	22%
% Filipino	6%	7%	8%	6%	6%
% Latino	22%	26%	19%	18%	21%
% Native American	0%	0%	0%	0%	0%
% Pacific Islander	0%	1%	0%	2%	1%
% White	43%	41%	37%	44%	32%
% Multiethnic	5%	8%	4%	5%	5%
% Other/Unknown	2%	0%	2%	1%	2%

Student Enrollment Status

Computer Networking Technology (CNT)					
	Term				
	Spring 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
First-Time Any College	3	5	6	1	4
First-Time Transfer	12	6	14	13	10
Continuing	87	71	113	94	110
Returning	12	3	13	9	20
Concurrent Enrollment	3	0	4	0	2
% First-Time Any College	3%	6%	4%	1%	3%
% First-Time Transfer	10%	7%	9%	11%	7%
% Continuing	74%	84%	75%	80%	75%
% Returning	10%	4%	9%	8%	14%
% Concurrent Enrollment	3%	0%	3%	0%	1%
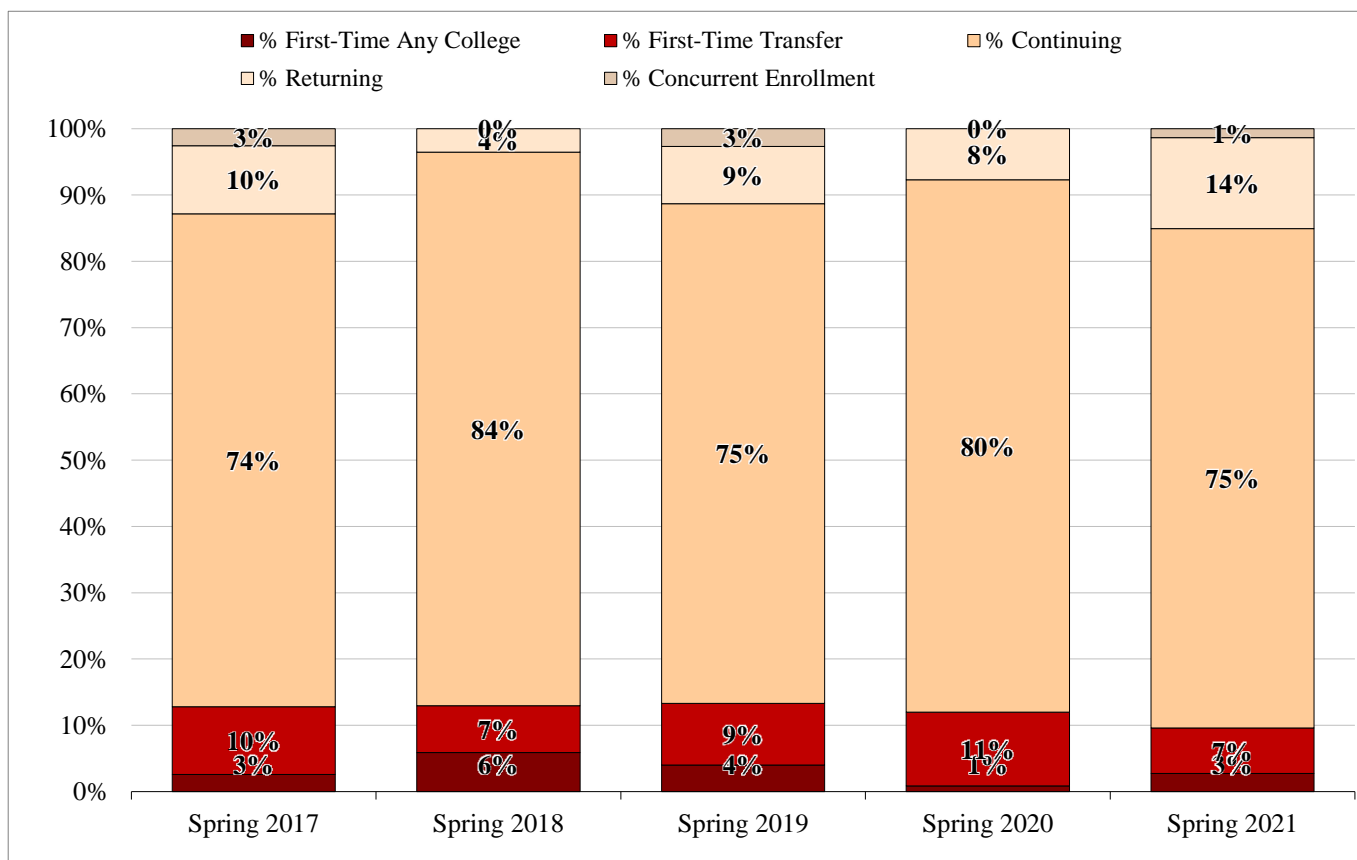
Definitions:

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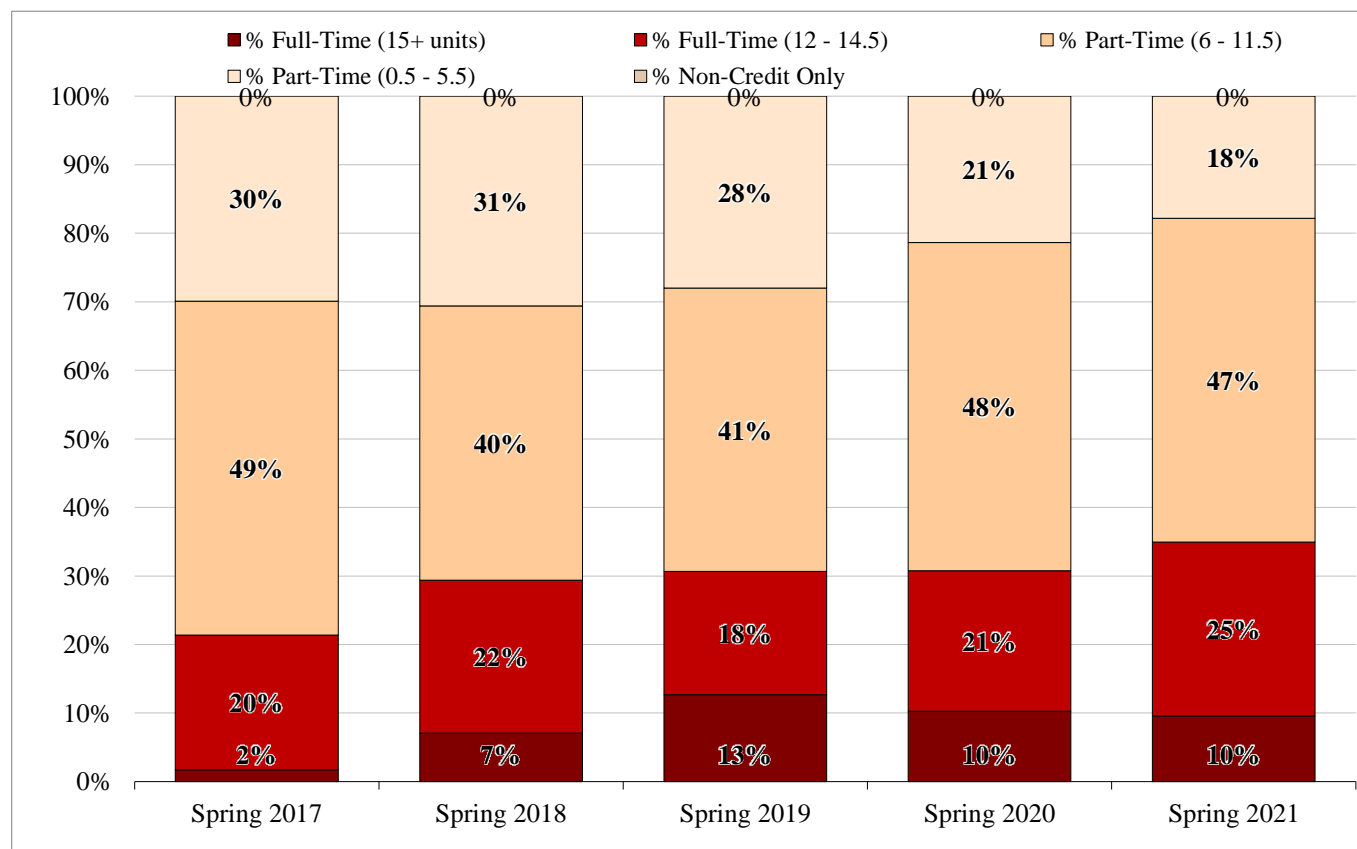
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
Full-Time (15+ units)	2	6	19	12	14
Full-Time (12 - 14.5)	23	19	27	24	37
Part-Time (6 - 11.5)	57	34	62	56	69
Part-Time (0.5 - 5.5)	35	26	42	25	26
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	2%	7%	13%	10%	10%
% Full-Time (12 - 14.5)	20%	22%	18%	21%	25%
% Part-Time (6 - 11.5)	49%	40%	41%	48%	47%
% Part-Time (0.5 - 5.5)	30%	31%	28%	21%	18%
% Non-Credit Only	0%	0%	0%	0%	0%

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

Students Using Distance Education

Computer Networking Technology (CNT)					
	Term				
(Categories reflect college-wide coursework)	**Spring 2017**	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
Face-to-Face (F2F) Only	81	47	44	37	0
Both F2F and DE	34	33	59	49	5
Distance Education (DE) Only	2	5	47	31	141
% Face-to-Face (F2F) Only	69%	55%	29%	32%	0%
% Both F2F and DE	29%	39%	39%	42%	3%
% Distance Education (DE) Only	2%	6%	31%	26%	97%
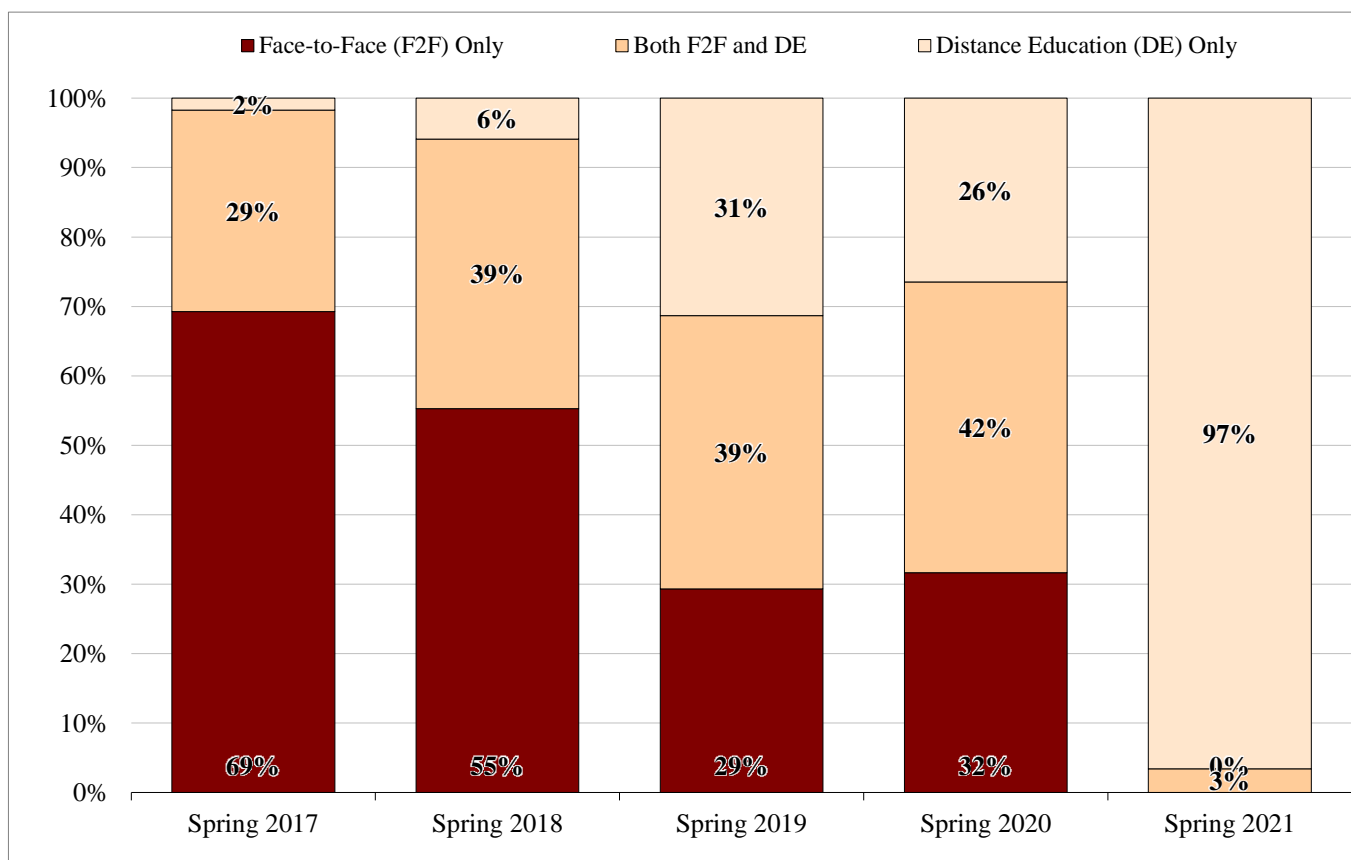
Distance Education (DE) includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'. In 2020-21, due to the COVID-19 pandemic, DE sections were distinguished through provisional designations.

Student Educational Goal

Computer Networking Technology (CNT)					
Term					
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
Transfer (w/ or w/o AA/AS degree)	56	49	75	56	68
Associate Degree Only (AA/AS)	12	8	18	14	13
Occupational Certificate or Job Training	26	20	36	31	41
Improve English/Math Basic Skills	3	3	2	1	3
Personal Development (intellectual/cultural)	1	0	7	3	3
Other	2	0	1	0	1
Undecided	15	5	11	10	17
Unknown	2	0	0	2	0
% Transfer (w/ or w/o AA/AS degree)	48%	58%	50%	48%	47%
% Associate Degree Only (AA/AS)	10%	9%	12%	12%	9%
% Occupational Certificate or Job Training	22%	24%	24%	26%	28%
% Improve English/Math Basic Skills	3%	4%	1%	1%	2%
% Personal Development (intellectual/cultural)	1%	0%	5%	3%	2%
% Other	2%	0%	1%	0%	1%
% Undecided	13%	6%	7%	9%	12%
% Unknown	2%	0%	0%	2%	0%
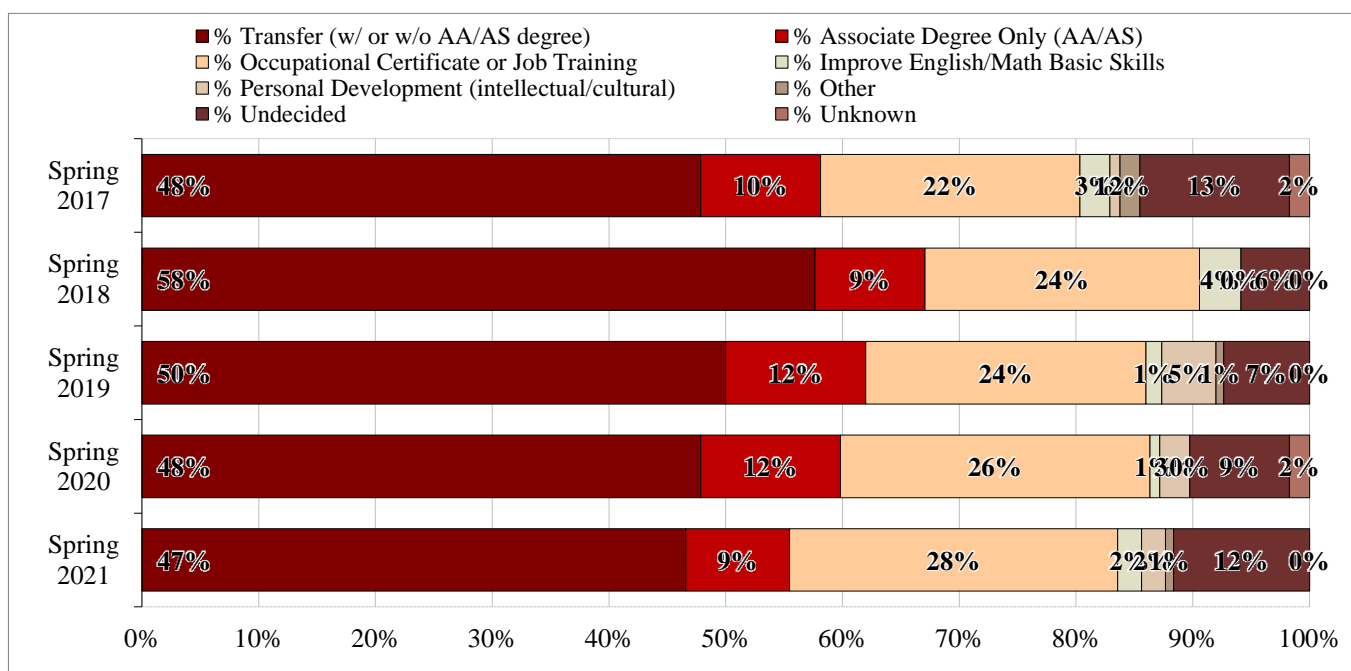
Definitions:

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 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
High School/Adult School	4	0	4	0	2
Freshmen (<30 units)	54	35	50	42	60
Sophomore (30-59 units)	21	23	31	28	32
Other Undergraduate (60 units or more)	13	12	25	21	18
AA/AS Degree	7	2	10	6	11
BA/BS or Higher Degree	18	13	30	20	23
% High School/Adult School	3%	0%	3%	0%	1%
% Freshmen (<30 units)	46%	41%	33%	36%	41%
% Sophomore (30-59 units)	18%	27%	21%	24%	22%
% Other Undergraduate (60 units or more)	11%	14%	17%	18%	12%
% AA/AS Degree	6%	2%	7%	5%	8%
% BA/BS or Higher Degree	15%	15%	20%	17%	16%
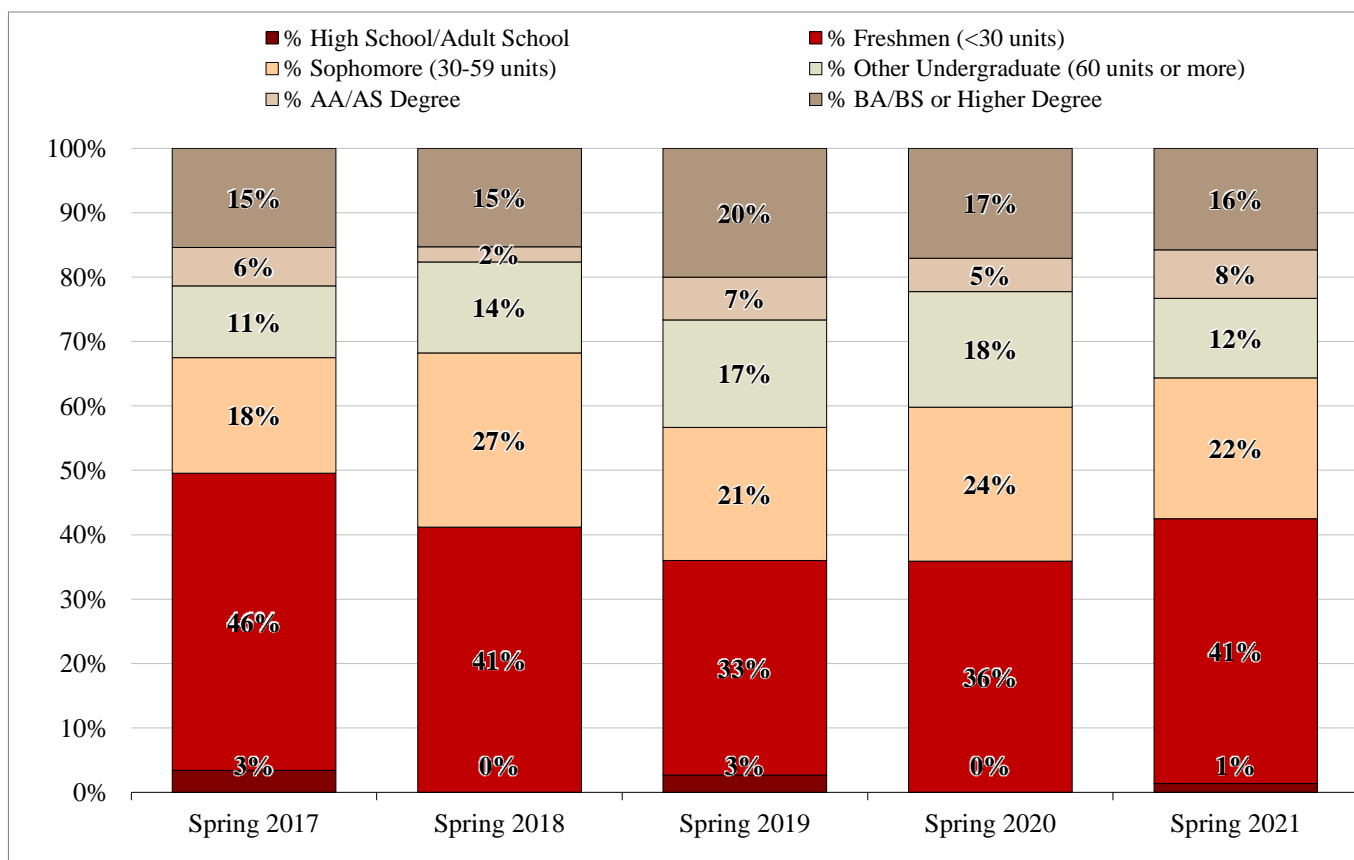
Student Performance: Grade Distribution

| Computer Networking Technology (CNT)					
	Term				
	Spring 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
Total Course Enrollments	**168**	**143**	**229**	**191**	**256**
Course Success Rates	**71%**	**80%**	**64%**	**65%**	**70%**
A	52%	57%	37%	49%	51%
B	13%	11%	17%	8%	14%
C	6%	12%	10%	5%	5%
P	0%	0%	0%	3%	<1%
Course Non-Success Rate	**9%**	**13%**	**16%**	**5%**	**16%**
D	2%	1%	2%	3%	6%
F*	7%	13%	14%	3%	10%
Withdrawals (See Note)	**20%**	**7%**	**20%**	**30%**	**14%**
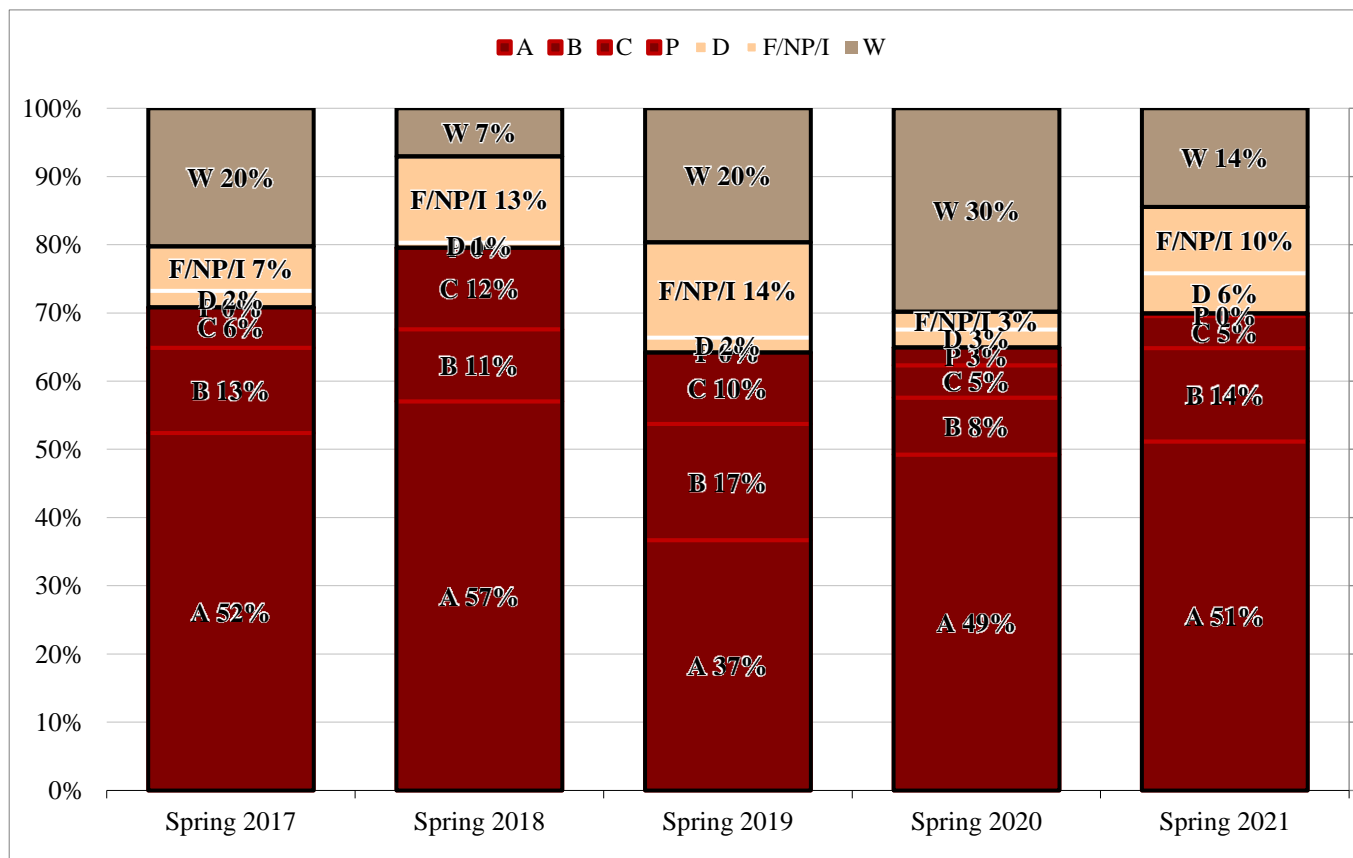
Definitions:

Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D' or F* (includes: 'F', 'NP', 'I', 'NCD', 'NCF', or 'NCNP').

Withdrawals are the share of course enrollments resulting in (1) a grade notation of 'W', 'MW', or 'EW', or, (2) a course dropped due to COVID-19.

Student Performance: Distance Education

Computer Networking Technology (CNT)					
	Term				
	Spring 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
Total Course Enrollments	**168**	**143**	**229**	**191**	**256**
Face-to-Face (F2F) Sections	**159**	**118**	**106**	**87**	**0**
Success Rates	71%	80%	64%	65%	—
Non-Success Rates	9%	13%	16%	5%	—
Withdrawals	20%	7%	20%	30%	—
Distance Education (DE) Sections	**9**	**25**	**123**	**104**	**256**
Success Rates	—	—	—	—	70%
Non-Success Rates	—	—	—	—	16%
Withdrawals	—	—	—	—	14%
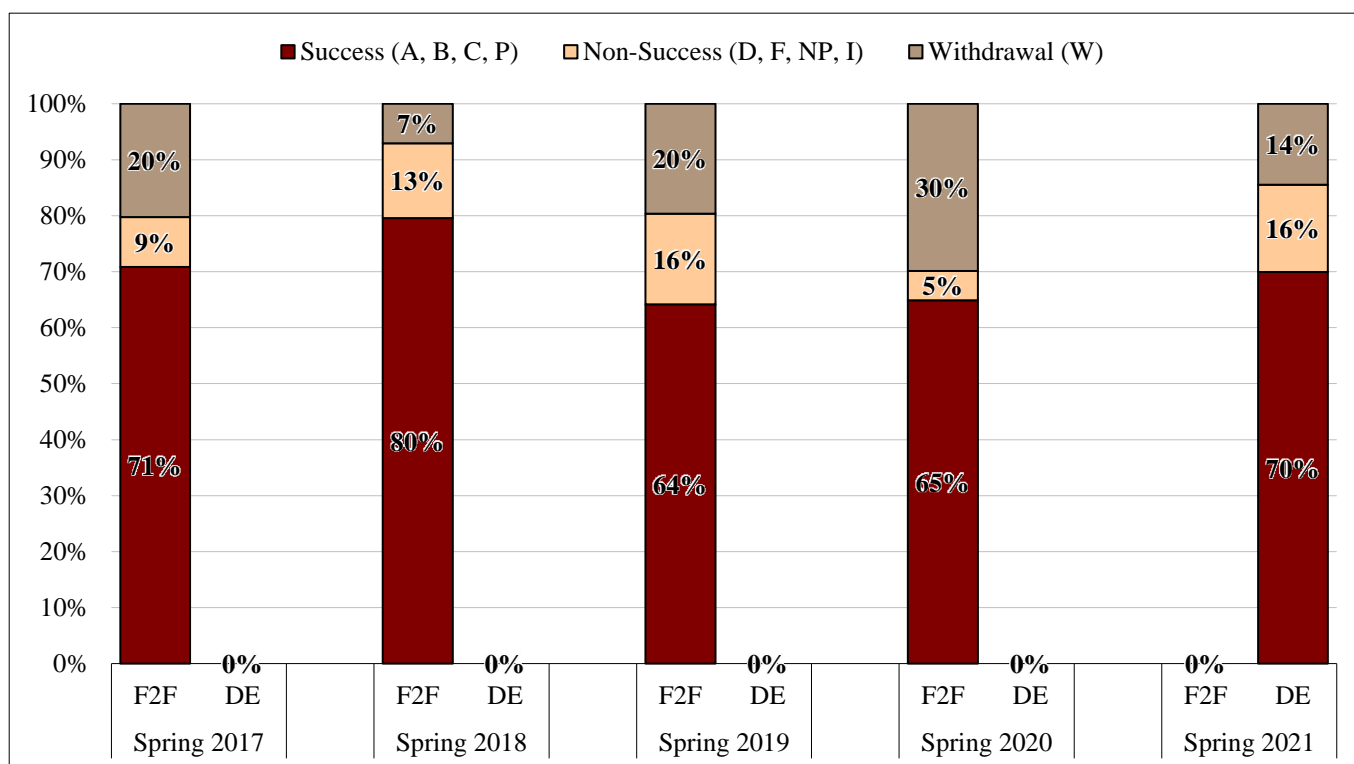
Definitions:

Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'I', 'NCD', 'NCF', or 'NCNP'.

Withdrawals are the share of course enrollments resulting in (1) a grade notation of 'W', 'MW', or 'EW' or, (2) a course dropped due to COVID-19.

Distance Education (DE) includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'. In 2020-21, due to the COVID-19 pandemic, DE sections were distinguished through provisional designations.

Enrollment Management: Part 1

Computer Networking Technology (CNT)					
	Term				
	Spring 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
WSCH	752	600	954	830	1,093
FTES	24.3	19.3	30.3	26.7	35.8
FTEF	1.7	1.5	2.6	2.2	2.4
Productivity (WSCH/FTEF)	442.6	411.5	365.0	385.0	454.3
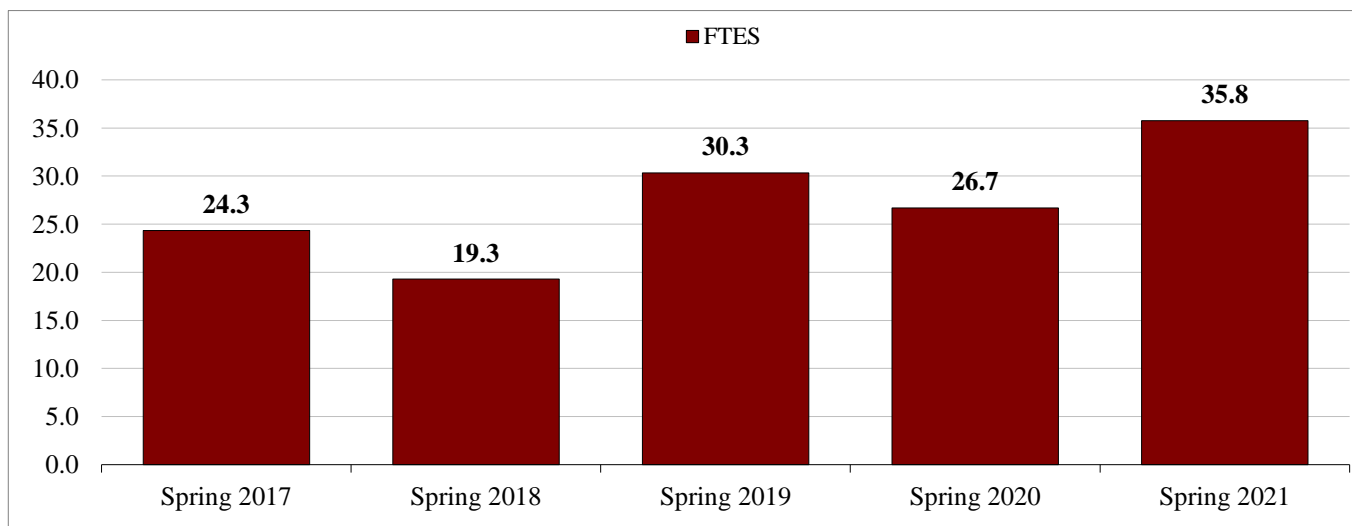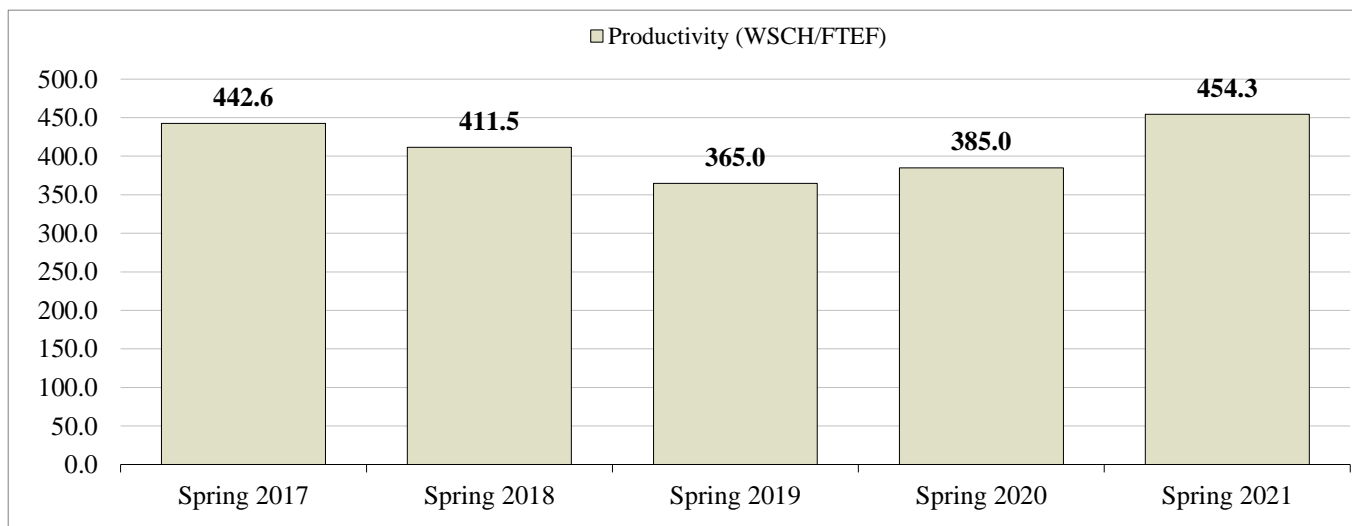
Definitions:

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 7/20/21.

Enrollment Management: Part 2

| Computer Networking Technology (CNT)					
	Term				
	Spring 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
FTEF from Full-Time Faculty	1.7	1.5	1.5	1.9	2.2
% FTEF from Full-Time Faculty	100%	100%	59%	89%	90%
Enrollments	168	143	229	191	256
Capacity (seats available)	178	158	270	210	270
Fill Rate	94%	91%	85%	91%	95%
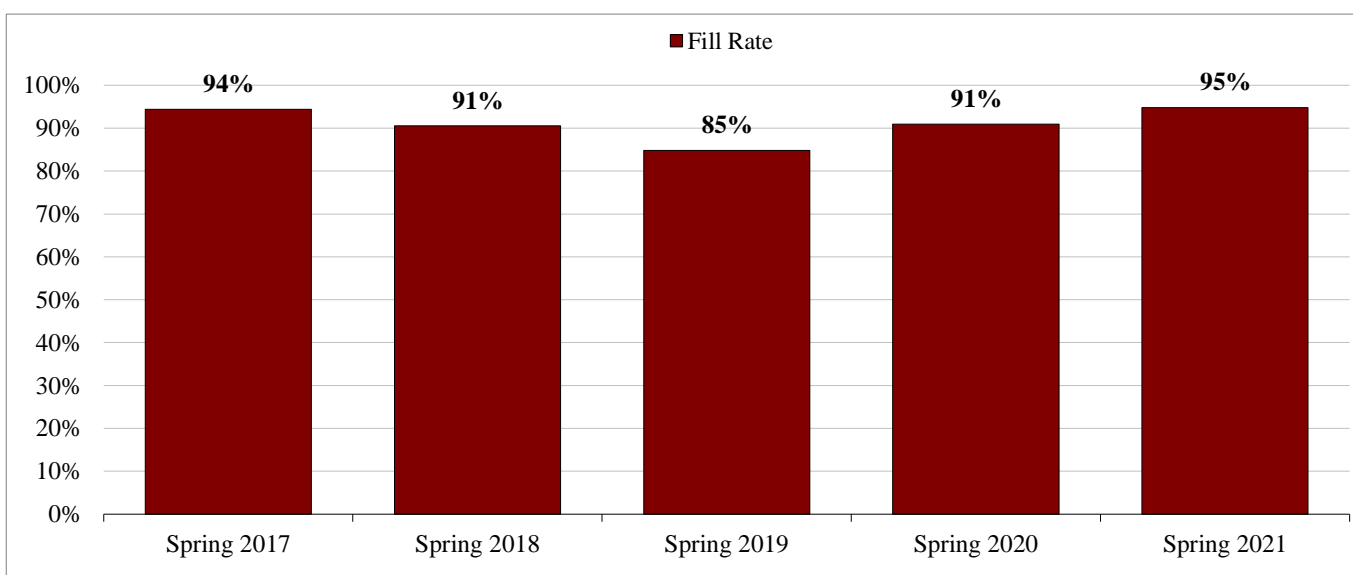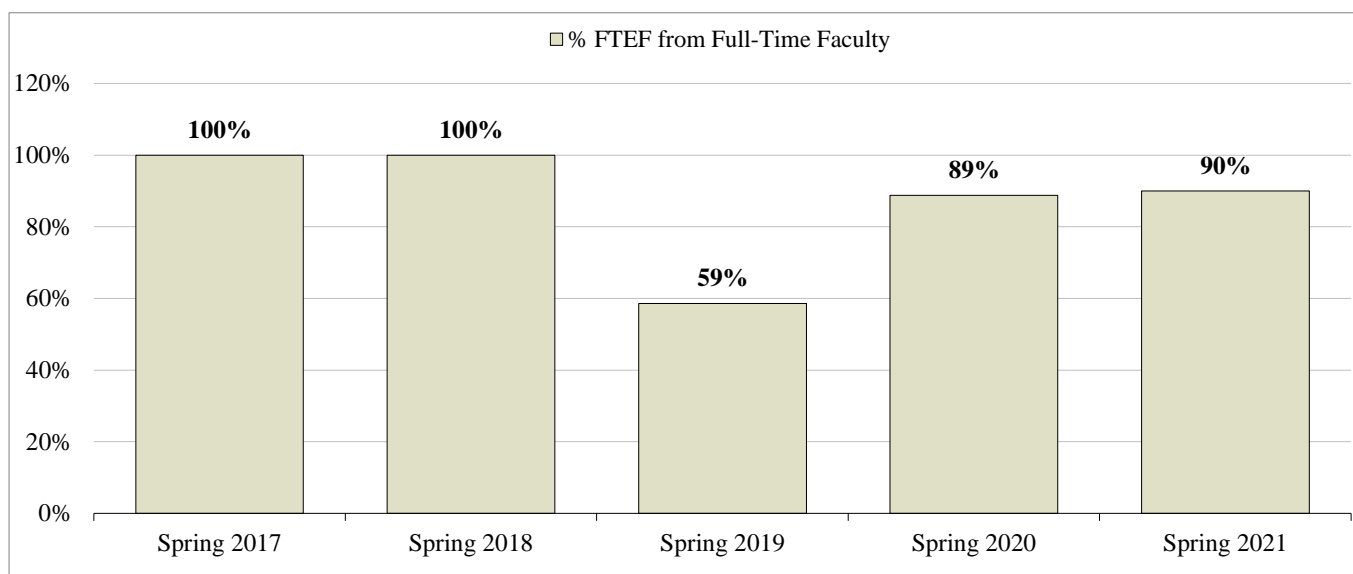
Definitions:

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.

Prior Experience in English & Math

Spring 2021	CNT		LPC Overall	
	Num	**Pct**	**Num**	**Pct**
College English				
Completed College-level	72	49%	4,882	61%
Attempted College-level	13	9%	547	7%
Attempted Below College-level	2	1%	65	1%
No Prior Attempt (has placement)	25	17%	1,066	13%
No Prior Attempt (no placement)	34	23%	1,485	18%
College Math				
Completed College-level	62	52%	5,173	64%
Attempted College-level	0	0%	186	2%
Attempted Below College-level	4	3%	217	3%
No Prior Attempt (has placement)	49	41%	1,126	14%
No Prior Attempt (no placement)	5	4%	1,343	17%
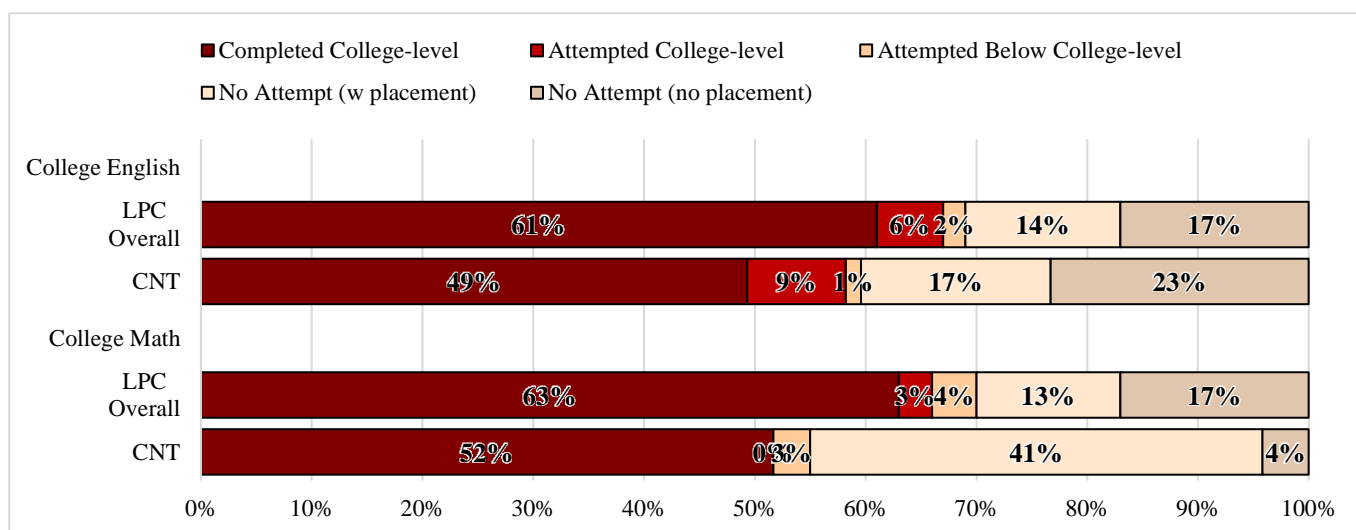
Definitions:

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

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

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