Las Positas College

Discipline Program Review Data Packet

Fall 2016 to Fall 2020
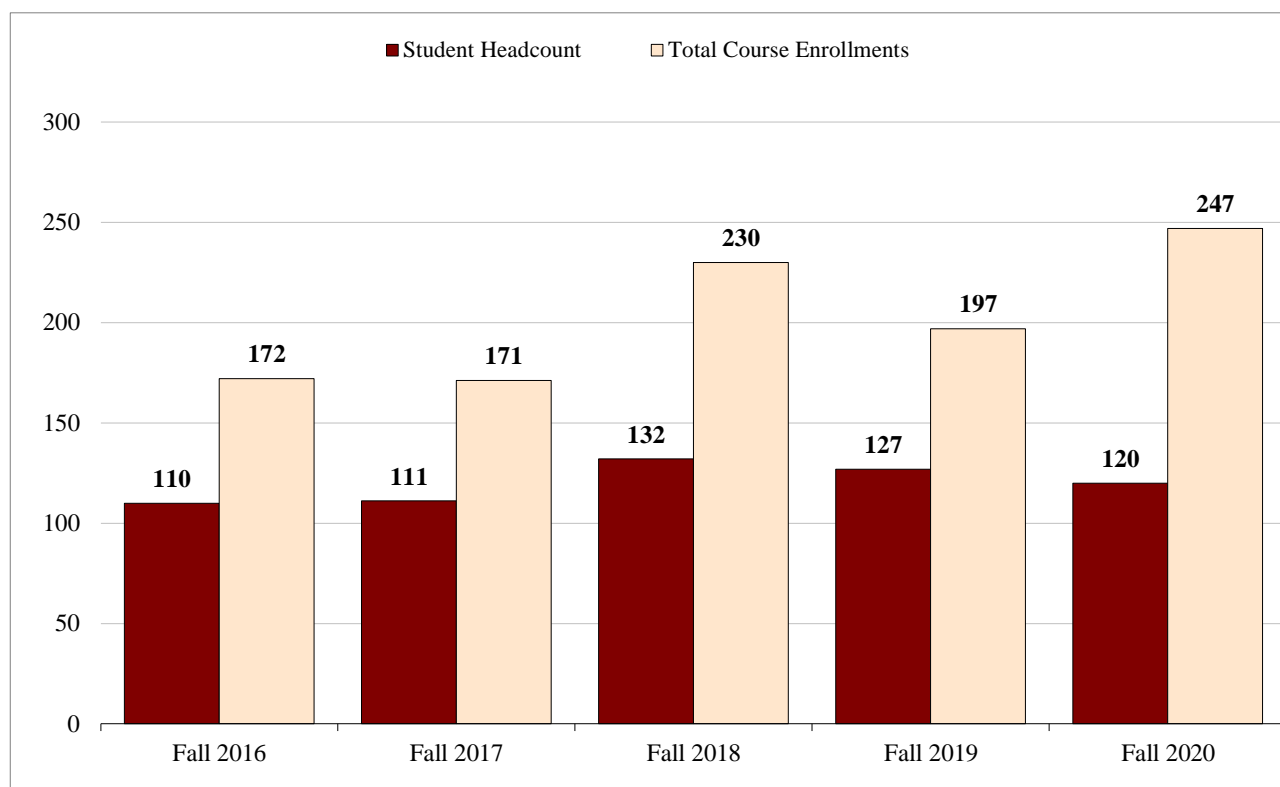
Discipline:

Computer Networking Technology (CNT)

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

Headcount & Enrollment

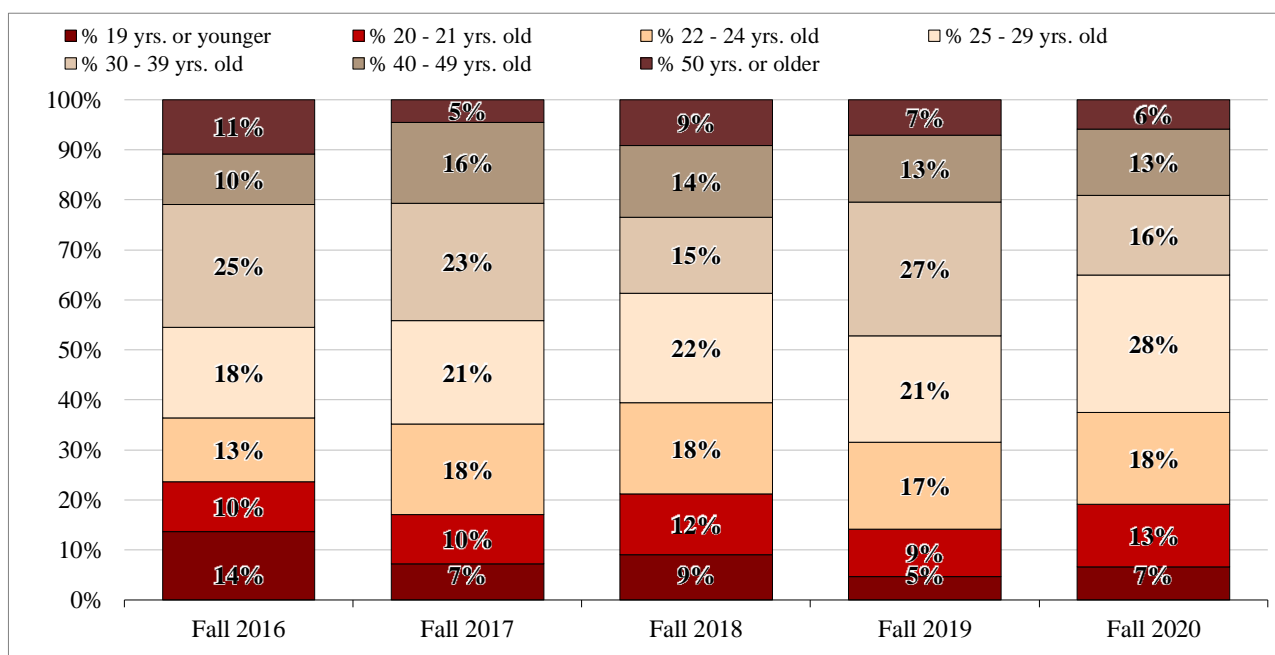| Computer Networking Technology (CNT)					
	Term				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
Student Headcount	110	111	132	127	120
Total Course Enrollments	172	171	230	197	247

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.
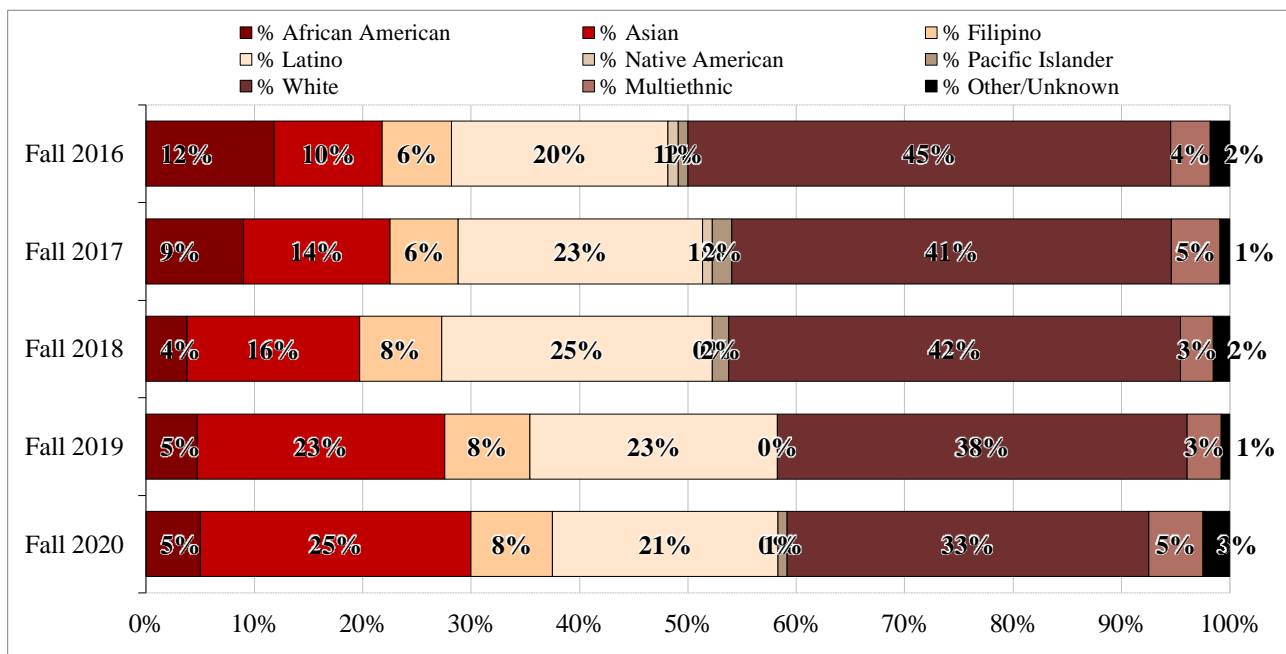
Student Demographics: Gender & Age

Computer Networking Technology (CNT)					
	Term				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
Female	18	14	28	21	22
Male	91	97	103	101	96
19 yrs. or younger	15	8	12	6	8
20-21 yrs. old	11	11	16	12	15
22-24 yrs. old	14	20	24	22	22
25-29 yrs. old	20	23	29	27	33
30-39 yrs. old	27	26	20	34	19
40-49 yrs. old	11	18	19	17	16
50 yrs. or older	12	5	12	9	7
% Female	17%	13%	21%	17%	19%
% Male	83%	87%	79%	83%	81%
% 19 yrs. or younger	14%	7%	9%	5%	7%
% 20 - 21 yrs. old	10%	10%	12%	9%	13%
% 22 - 24 yrs. old	13%	18%	18%	17%	18%
% 25 - 29 yrs. old	18%	21%	22%	21%	28%
% 30 - 39 yrs. old	25%	23%	15%	27%	16%
% 40 - 49 yrs. old	10%	16%	14%	13%	13%
% 50 yrs. or older	11%	5%	9%	7%	6%

Student Demographic: Race-Ethnicity

Computer Networking Technology (CNT)					
	Term				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
African American	13	10	5	6	6
Asian	11	15	21	29	30
Filipino	7	7	10	10	9
Latino	22	25	33	29	25
Native American	1	1	0	0	0
Pacific Islander	1	2	2	0	1
White	49	45	55	48	40
Multiethnic	4	5	4	4	6
Other/Unknown	2	1	2	1	3
% African American	12%	9%	4%	5%	5%
% Asian	10%	14%	16%	23%	25%
% Filipino	6%	6%	8%	8%	8%
% Latino	20%	23%	25%	23%	21%
% Native American	1%	1%	0%	0%	0%
% Pacific Islander	1%	2%	2%	0%	1%
% White	45%	41%	42%	38%	33%
% Multiethnic	4%	5%	3%	3%	5%
% Other/Unknown	2%	1%	2%	1%	3%

Student Enrollment Status

Computer Networking Technology (CNT)					
	Term				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
First-Time Any College	7	8	8	5	12
First-Time Transfer	12	15	25	20	13
Continuing	68	74	80	88	82
Returning	22	14	17	13	12
Concurrent Enrollment	1	0	2	1	1
% First-Time Any College	6%	7%	6%	4%	10%
% First-Time Transfer	11%	14%	19%	16%	11%
% Continuing	62%	67%	61%	69%	68%
% Returning	20%	13%	13%	10%	10%
% Concurrent Enrollment	1%	0%	2%	1%	1%
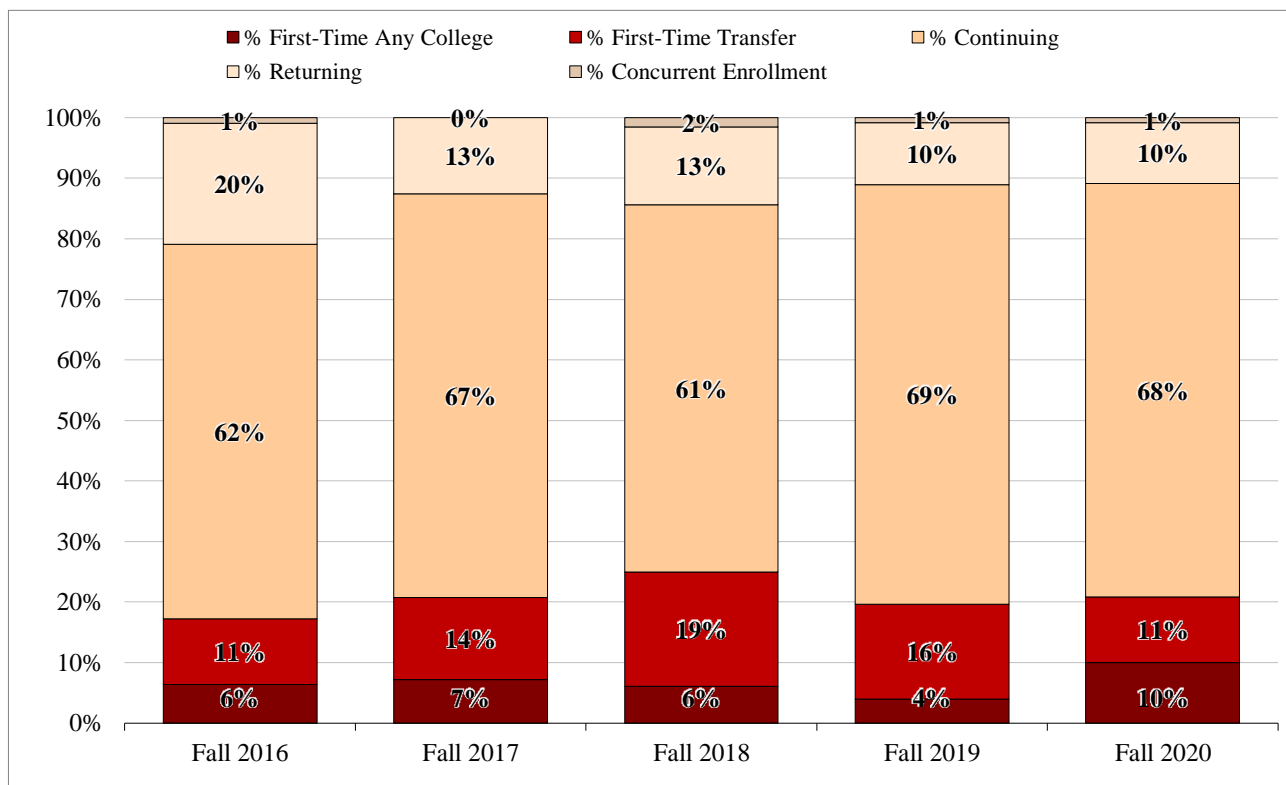
Definitions:

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				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
Full-Time (15+ units)	8	6	17	8	13
Full-Time (12 - 14.5)	21	22	27	30	38
Part-Time (6 - 11.5)	45	55	53	57	51
Part-Time (0.5 - 5.5)	36	28	35	32	18
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	7%	5%	13%	6%	11%
% Full-Time (12 - 14.5)	19%	20%	20%	24%	32%
% Part-Time (6 - 11.5)	41%	50%	40%	45%	43%
% Part-Time (0.5 - 5.5)	33%	25%	27%	25%	15%
% Non-Credit Only	0%	0%	0%	0%	0%
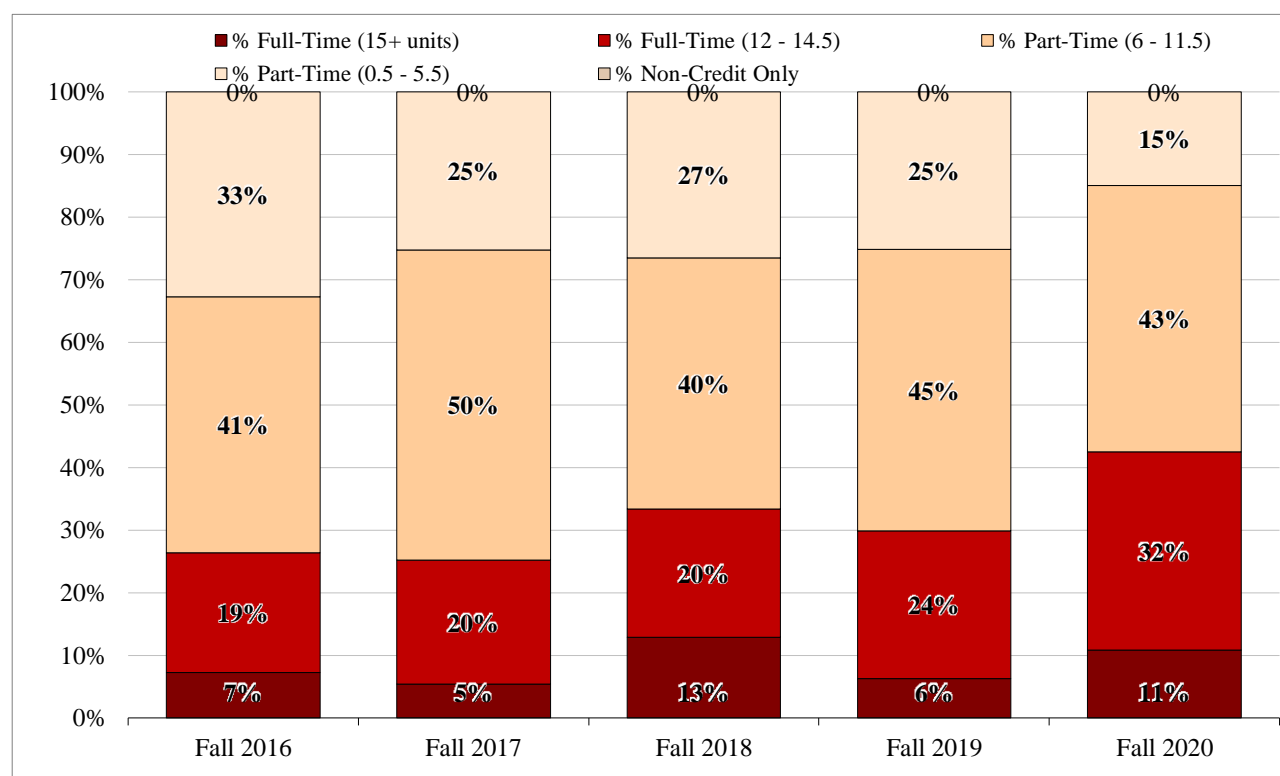
Students Using Distance Education

| Computer Networking Technology (CNT)					
	Term				
(Categories reflect college-wide coursework)	**Fall 2016**	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
Face-to-Face (F2F) Only	86	81	46	40	0
Both F2F and DE	24	28	56	54	0
Distance Education (DE) Only	0	2	30	33	120
% Face-to-Face (F2F) Only	78%	73%	35%	31%	0%
% Both F2F and DE	22%	25%	42%	43%	0%
% Distance Education (DE) Only	0%	2%	23%	26%	100%
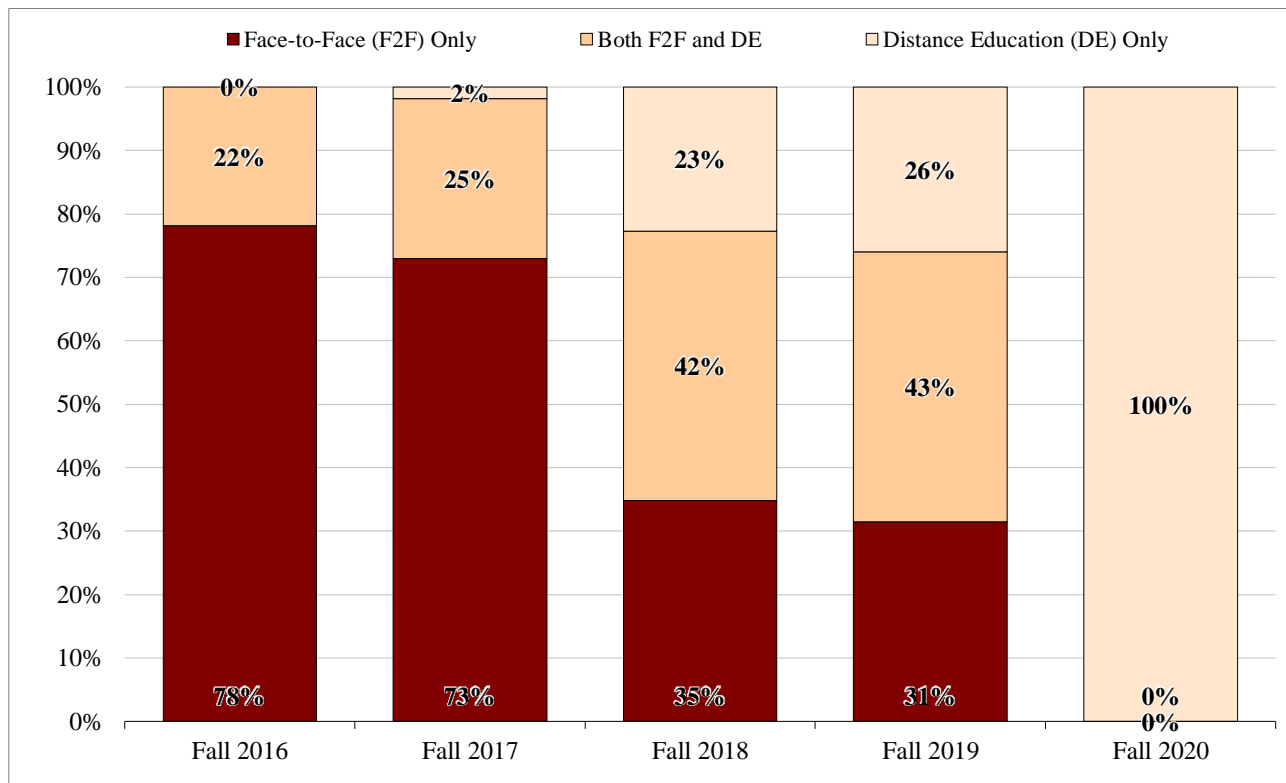
Definitions:

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				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
Transfer (w/ or w/o AA/AS degree)	51	54	60	58	68
Associate Degree Only (AA/AS)	9	10	21	18	12
Occupational Certificate or Job Training	30	29	37	33	24
Improve English/Math Basic Skills	4	4	0	4	4
Personal Development (intellectual/cultural)	1	2	3	2	1
Other	0	0	0	0	2
Undecided	13	11	11	12	9
Unknown	2	1	0	0	0
% Transfer (w/ or w/o AA/AS degree)	46%	49%	45%	46%	57%
% Associate Degree Only (AA/AS)	8%	9%	16%	14%	10%
% Occupational Certificate or Job Training	27%	26%	28%	26%	20%
% Improve English/Math Basic Skills	4%	4%	0%	3%	3%
% Personal Development (intellectual/cultural)	1%	2%	2%	2%	1%
% Other	0%	0%	0%	0%	2%
% Undecided	12%	10%	8%	9%	8%
% Unknown	2%	1%	0%	0%	0%
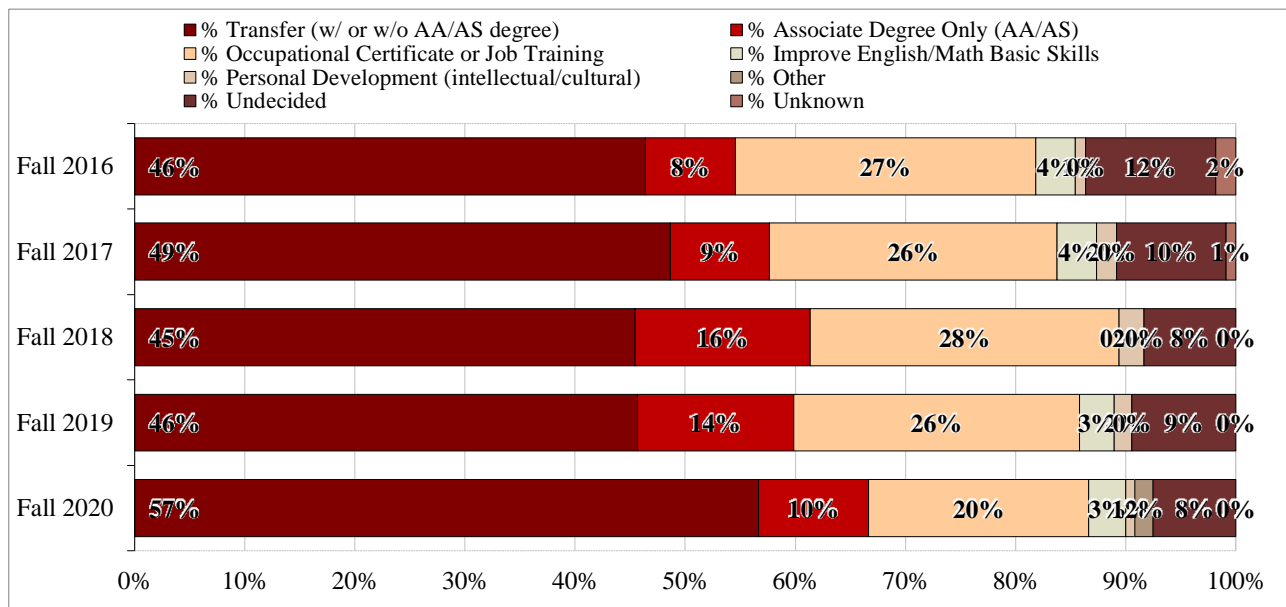
Definitions:

Transfer: Students who want to transfer to a 4-year university. Includes students enrolled in 4-year institutions completing requirements at LPC.
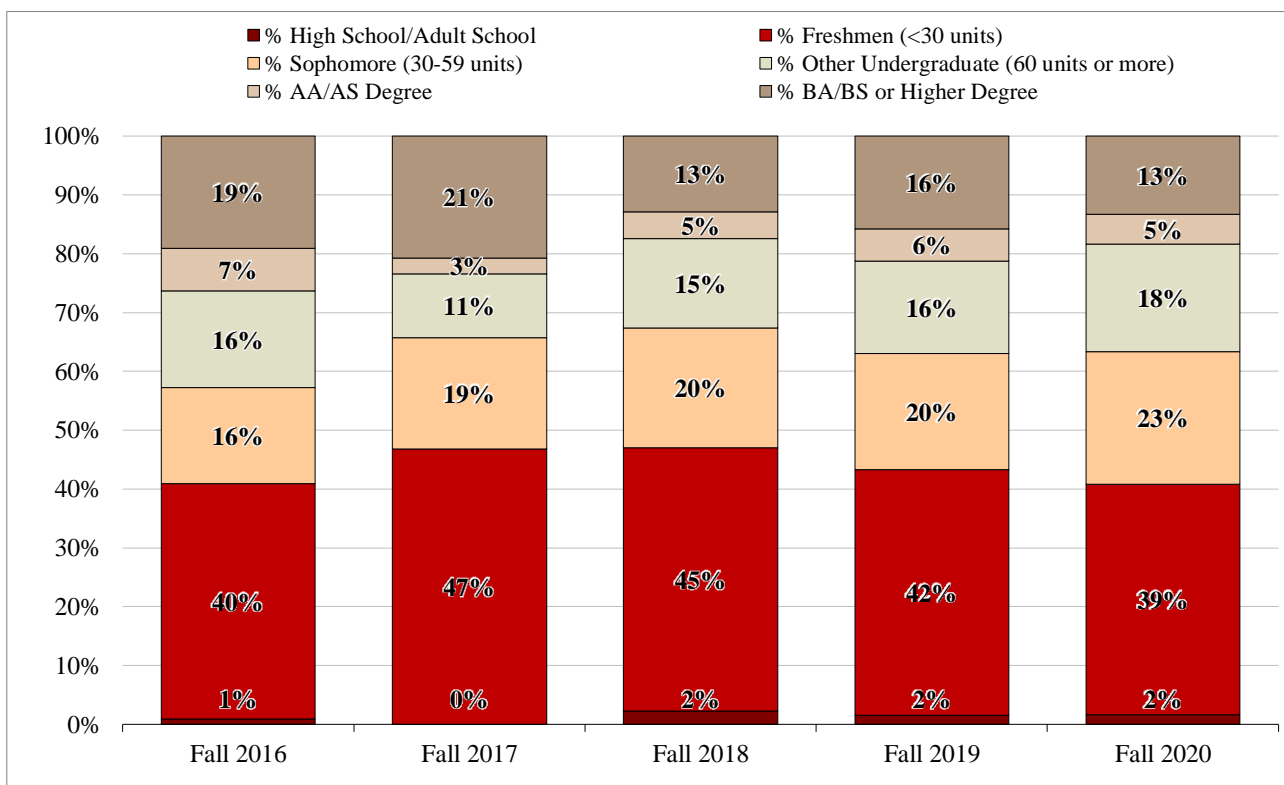
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
High School/Adult School	1	0	3	2	2
Freshmen (<30 units)	44	52	59	53	47
Sophomore (30-59 units)	18	21	27	25	27
Other Undergraduate (60 units or more)	18	12	20	20	22
AA/AS Degree	8	3	6	7	6
BA/BS or Higher Degree	21	23	17	20	16
% High School/Adult School	1%	0%	2%	2%	2%
% Freshmen (<30 units)	40%	47%	45%	42%	39%
% Sophomore (30-59 units)	16%	19%	20%	20%	23%
% Other Undergraduate (60 units or more)	16%	11%	15%	16%	18%
% AA/AS Degree	7%	3%	5%	6%	5%
% BA/BS or Higher Degree	19%	21%	13%	16%	13%

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

Student Performance: Grade Distribution

| Computer Networking Technology (CNT)					
	Term				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
Total Course Enrollments	**172**	**171**	**230**	**197**	**247**
Course Success Rates	**73%**	**73%**	**59%**	**70%**	**79%**
A	52%	53%	42%	50%	64%
B	10%	14%	10%	12%	11%
C	9%	6%	7%	8%	2%
P	2%	0%	0%	1%	1%
Course Non-Success Rate	**16%**	**9%**	**17%**	**15%**	**5%**
D	3%	2%	3%	3%	2%
F*	13%	8%	14%	12%	3%
Withdrawals (See Note)	**12%**	**18%**	**24%**	**15%**	**17%**
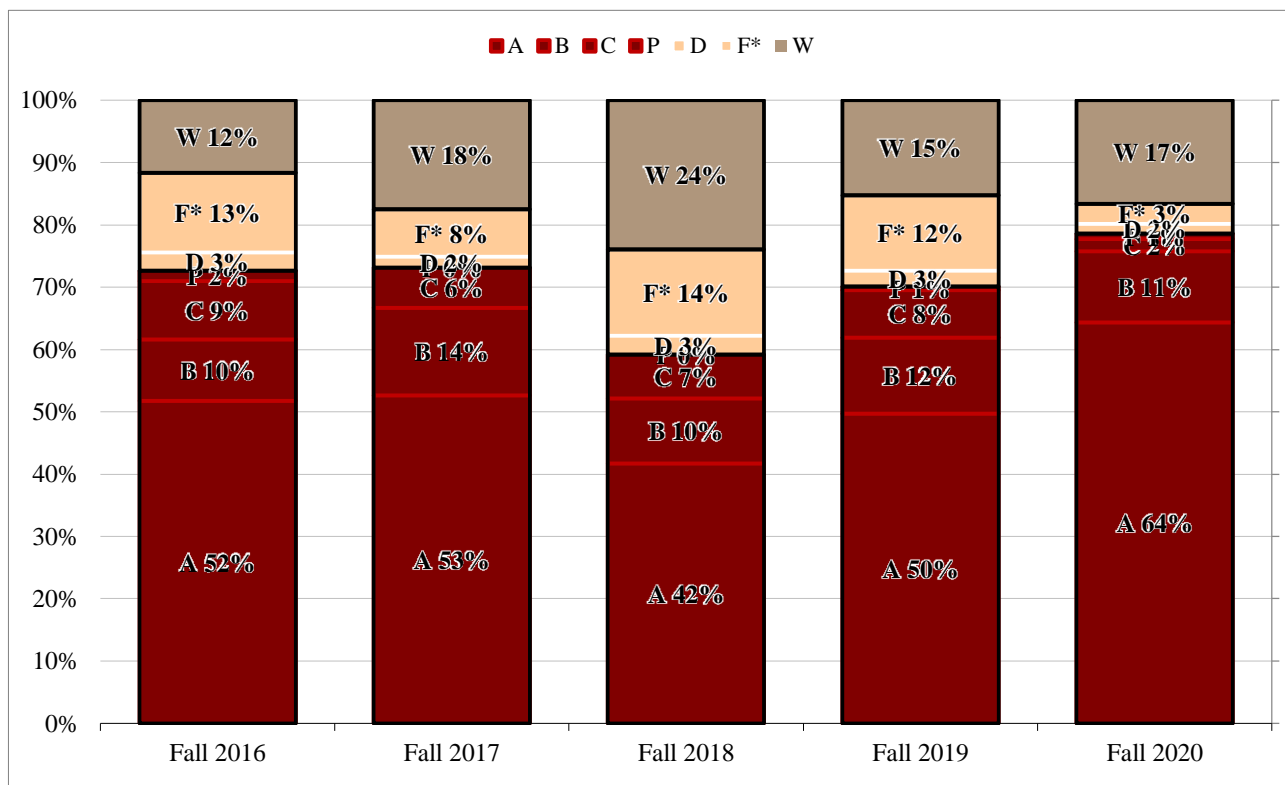
Definitions:

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				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
Total Course Enrollments	172	171	230	197	247
Face-to-Face (F2F) Sections	168	164	125	92	0
Success Rates	73%	73%	71%	71%	—
Non-Success Rates	15%	10%	10%	12%	—
Withdrawals	12%	17%	19%	17%	—
Distance Education (DE) Sections	4	7	105	105	247
Success Rates	75%	71%	45%	70%	79%
Non-Success Rates	25%	0%	26%	17%	5%
Withdrawals	0%	29%	30%	13%	17%
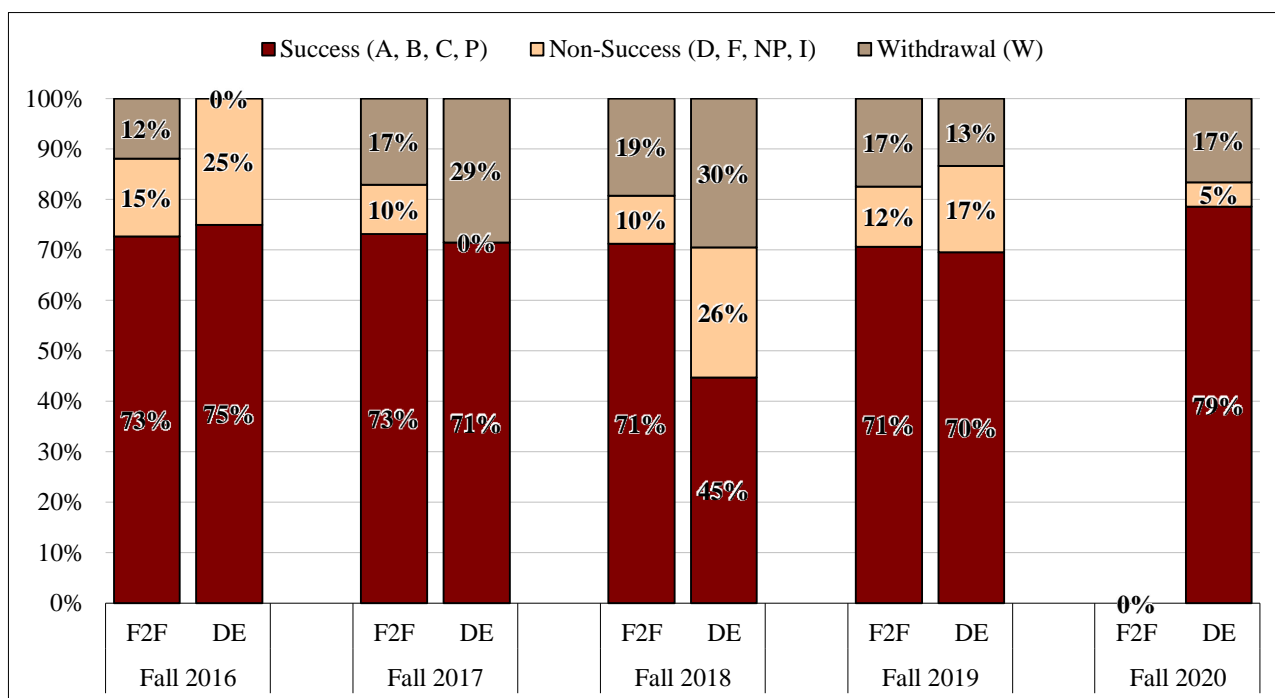
Definitions:

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				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
WSCH	837	870	1,039	853	1,063
FTES	27.9	27.7	33.9	27.3	34.9
FTEF	2.0	1.7	2.2	2.4	2.1
Productivity (WSCH/FTEF)	413.3	497.4	481.7	355.6	517.0
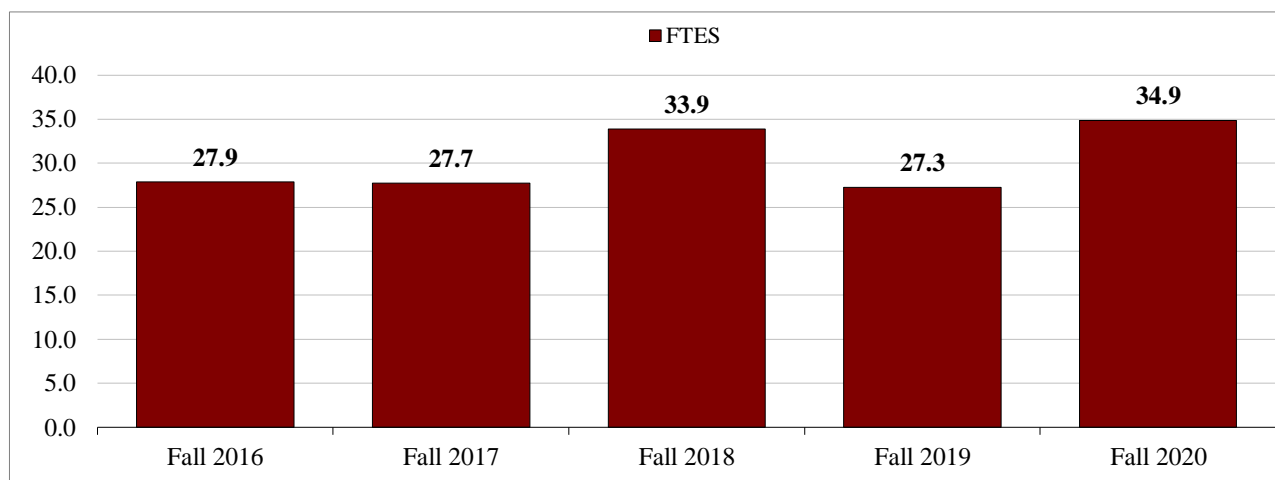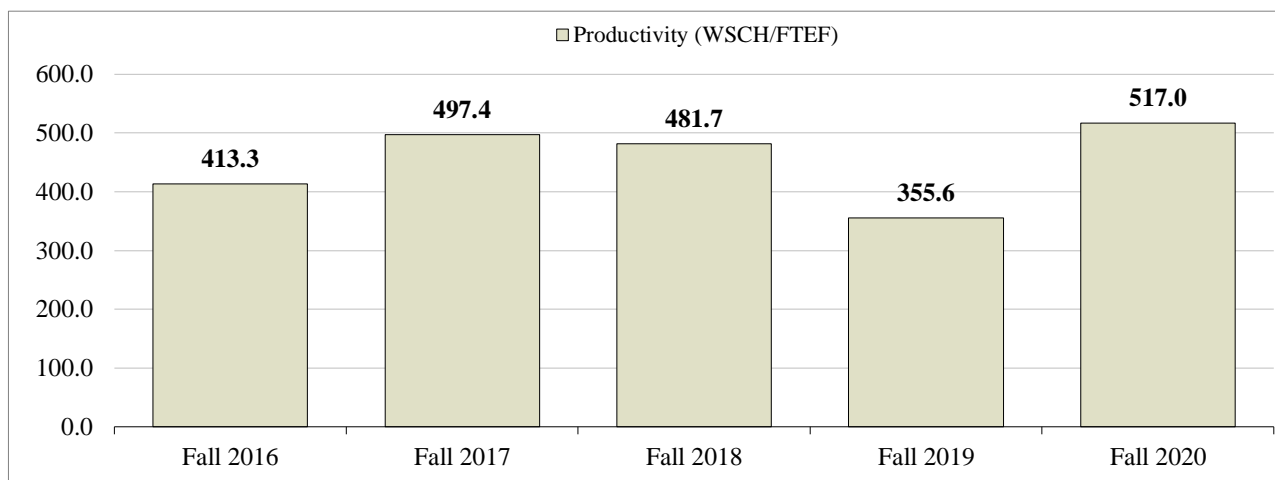
Definitions:

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 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				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
FTEF from Full-Time Faculty	1.4	1.7	0.9	1.6	2.1
% FTEF from Full-Time Faculty	71%	100%	44%	65%	100%
Enrollments	172	171	230	197	247
Capacity (seats available)	150	150	210	210	223
Fill Rate	115%	114%	110%	94%	111%
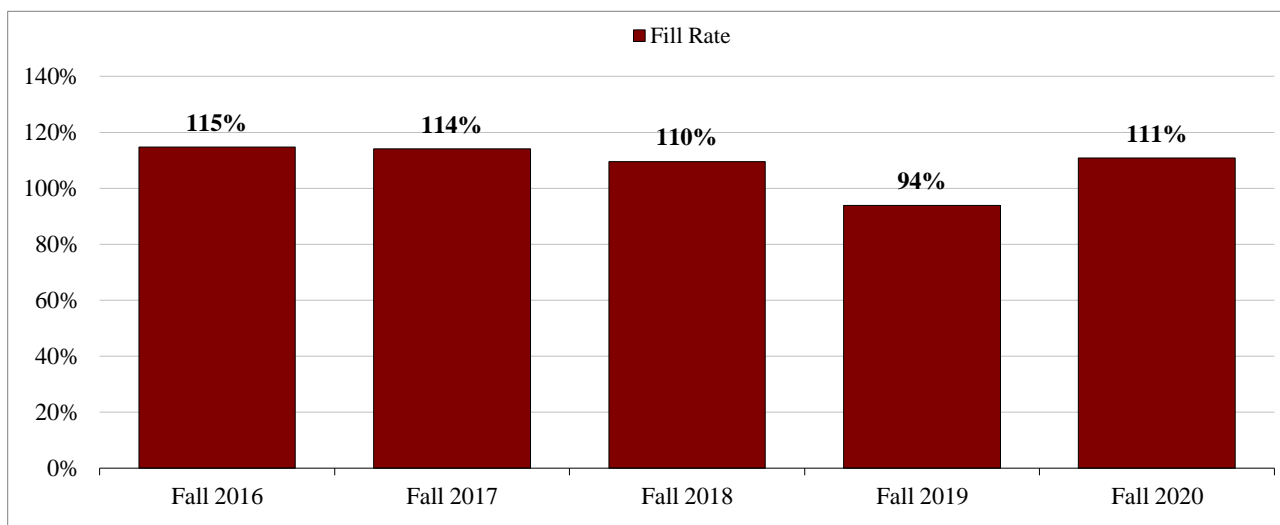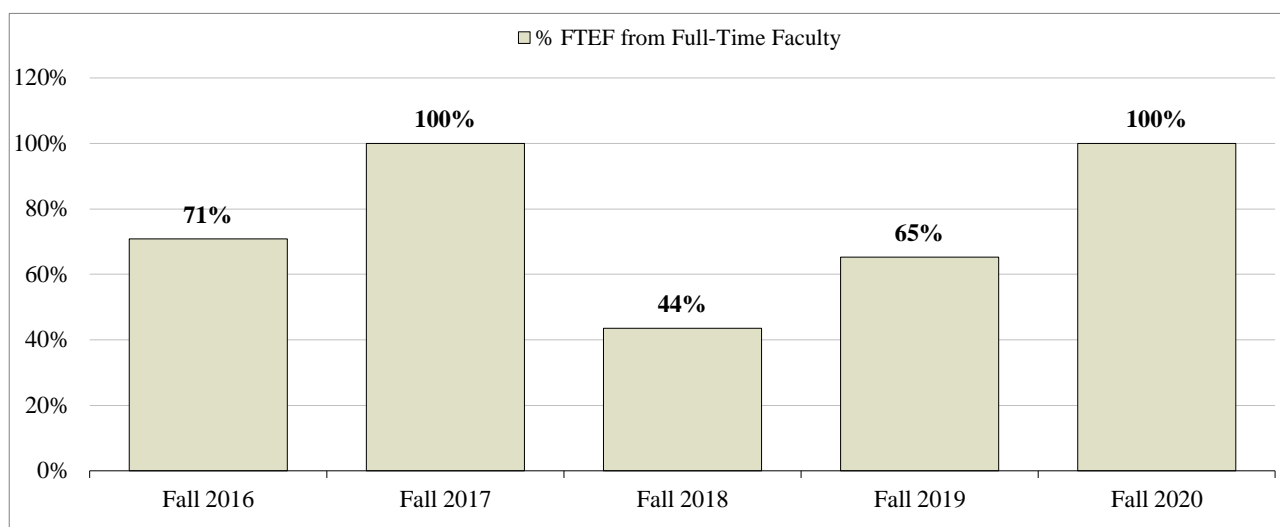
Definitions:

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 7/20/21.

Prior Experience in English & Math

Fall 2020	CNT		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	62	52%	4,353	52%
Attempted College-level	11	9%	438	5%
Attempted Below College-level	3	3%	86	1%
No Prior Attempt (has placement)	19	16%	1,974	24%
No Prior Attempt (no placement)	25	21%	1,489	18%
College Math				
Completed College-level	67	56%	4,972	60%
Attempted College-level	2	2%	199	2%
Attempted Below College-level	3	3%	261	3%
No Prior Attempt (has placement)	24	20%	1,555	19%
No Prior Attempt (no placement)	24	20%	1,353	16%
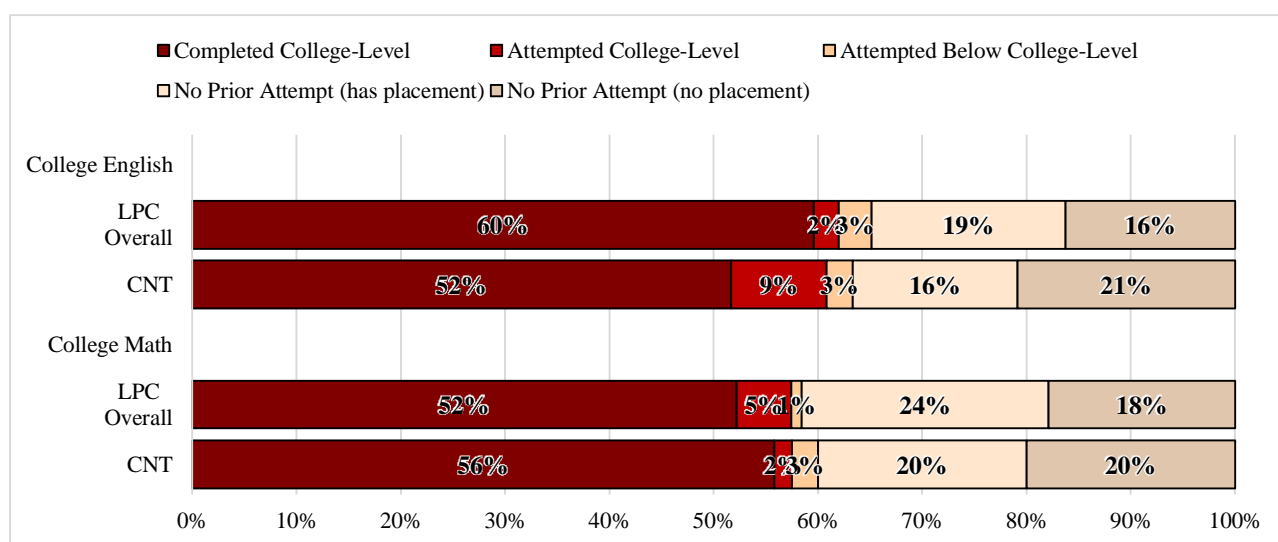
Definitions:

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