Las Positas College

Discipline Program Review Data Packet

Fall 2017 to Fall 2021
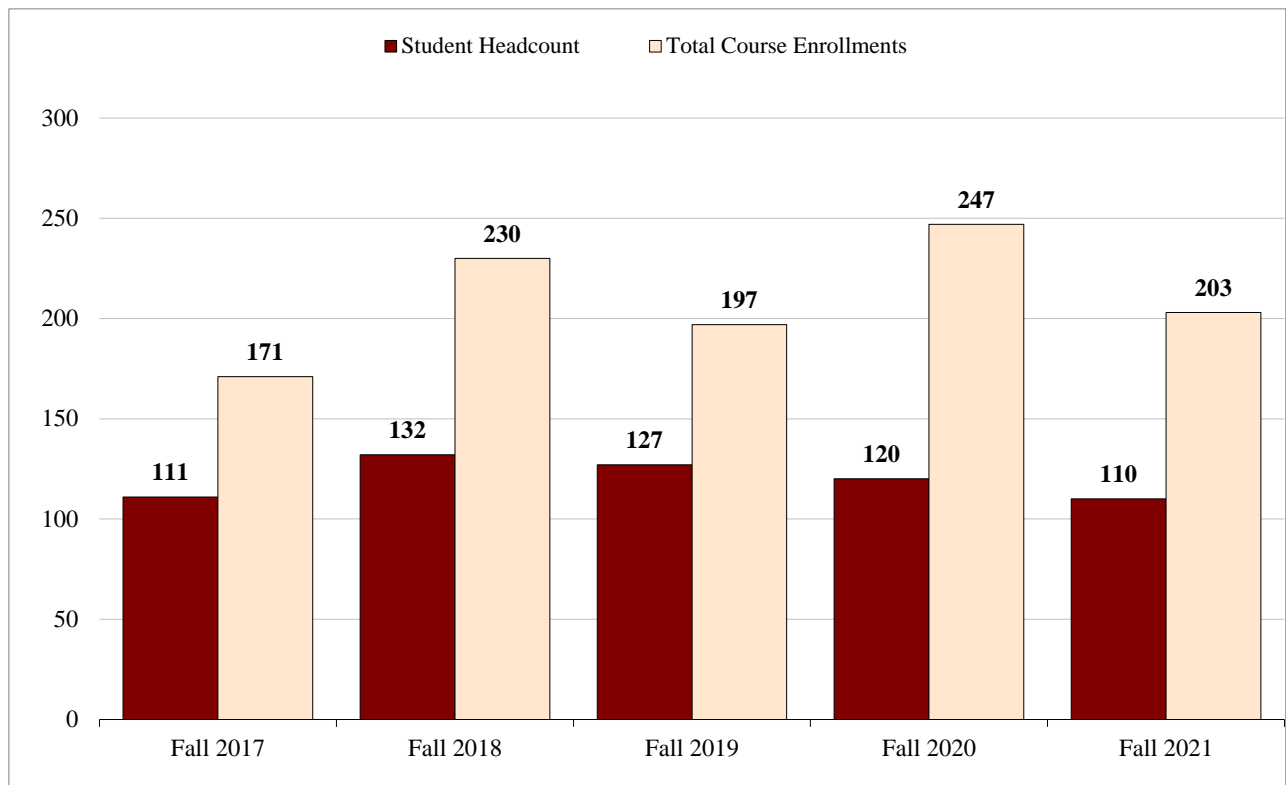
Discipline:

Computer Networking Technology (CNT)

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Headcount & Enrollment

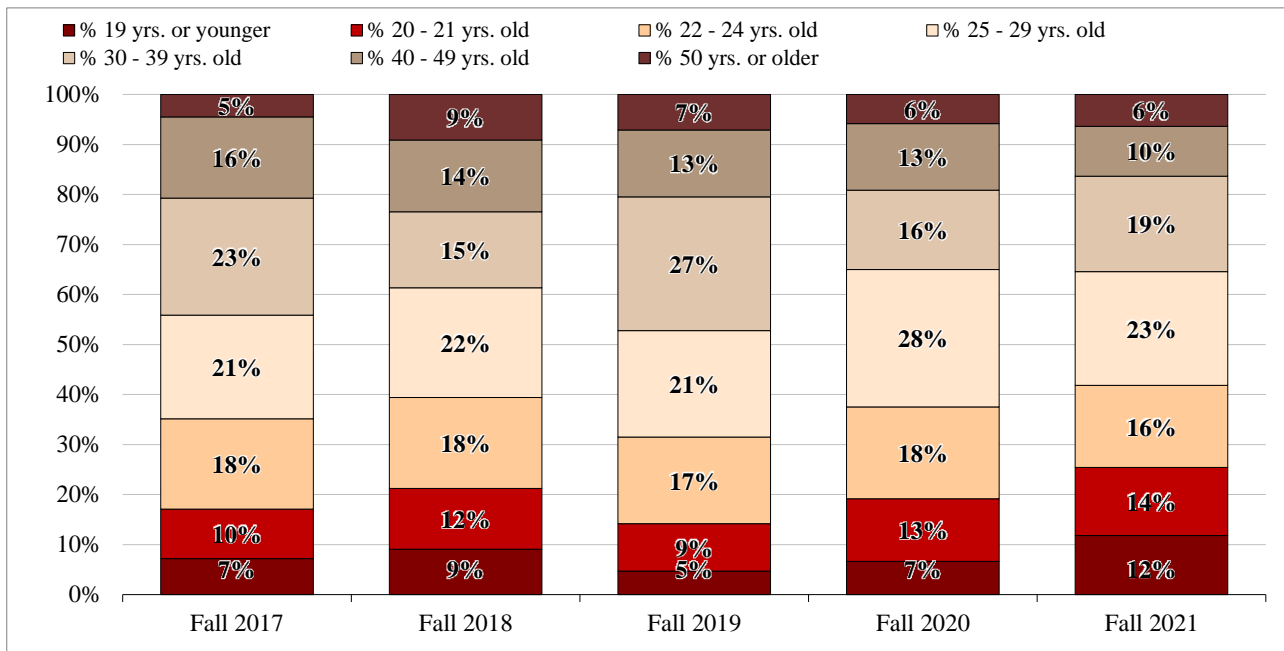| Computer Networking Technology (CNT)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
Student Headcount	111	132	127	120	110
Total Course Enrollments	171	230	197	247	203

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.
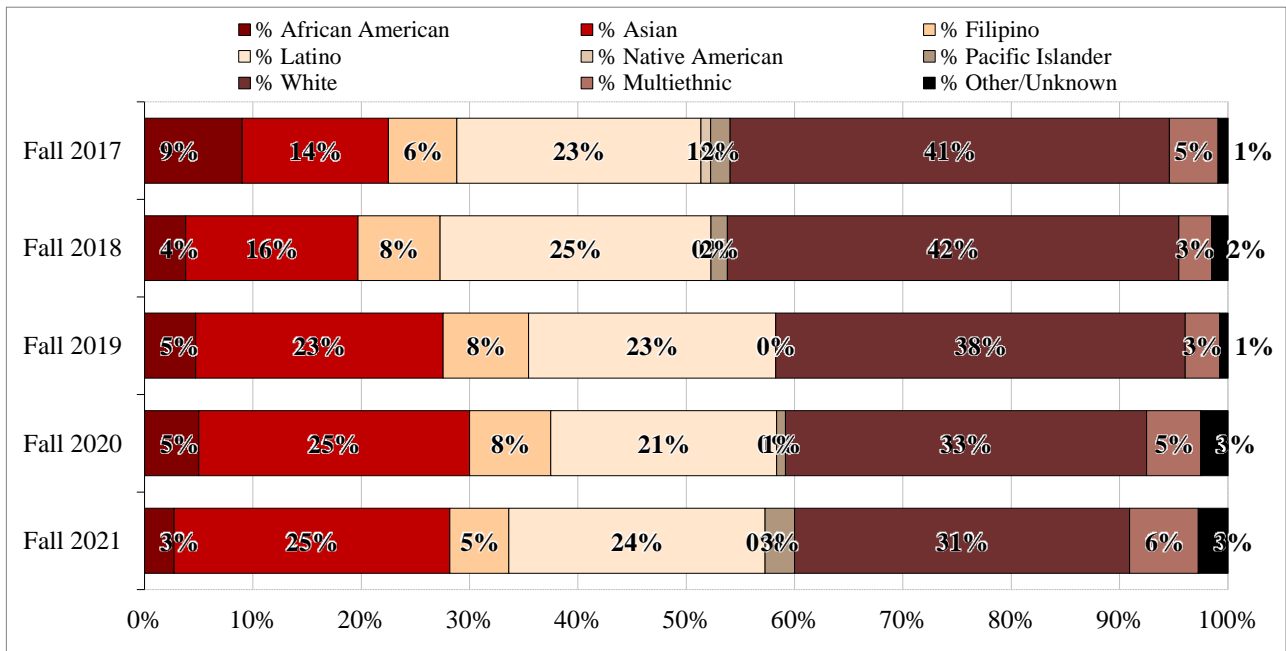
Student Demographics: Gender & Age

Computer Networking Technology (CNT)					
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Female	14	28	21	22	20
Male	97	103	101	96	88
19 yrs. or younger	8	12	6	8	13
20-21 yrs. old	11	16	12	15	15
22-24 yrs. old	20	24	22	22	18
25-29 yrs. old	23	29	27	33	25
30-39 yrs. old	26	20	34	19	21
40-49 yrs. old	18	19	17	16	11
50 yrs. or older	5	12	9	7	7
% Female	13%	21%	17%	19%	19%
% Male	87%	79%	83%	81%	81%
% 19 yrs. or younger	7%	9%	5%	7%	12%
% 20 - 21 yrs. old	10%	12%	9%	13%	14%
% 22 - 24 yrs. old	18%	18%	17%	18%	16%
% 25 - 29 yrs. old	21%	22%	21%	28%	23%
% 30 - 39 yrs. old	23%	15%	27%	16%	19%
% 40 - 49 yrs. old	16%	14%	13%	13%	10%
% 50 yrs. or older	5%	9%	7%	6%	6%

Student Demographic: Race-Ethnicity

Computer Networking Technology (CNT)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
African American	10	5	6	6	3
Asian	15	21	29	30	28
Filipino	7	10	10	9	6
Latino	25	33	29	25	26
Native American	1	0	0	0	0
Pacific Islander	2	2	0	1	3
White	45	55	48	40	34
Multiethnic	5	4	4	6	7
Other/Unknown	1	2	1	3	3
% African American	9%	4%	5%	5%	3%
% Asian	14%	16%	23%	25%	25%
% Filipino	6%	8%	8%	8%	5%
% Latino	23%	25%	23%	21%	24%
% Native American	1%	0%	0%	0%	0%
% Pacific Islander	2%	2%	0%	1%	3%
% White	41%	42%	38%	33%	31%
% Multiethnic	5%	3%	3%	5%	6%
% Other/Unknown	1%	2%	1%	3%	3%

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Student Enrollment Status

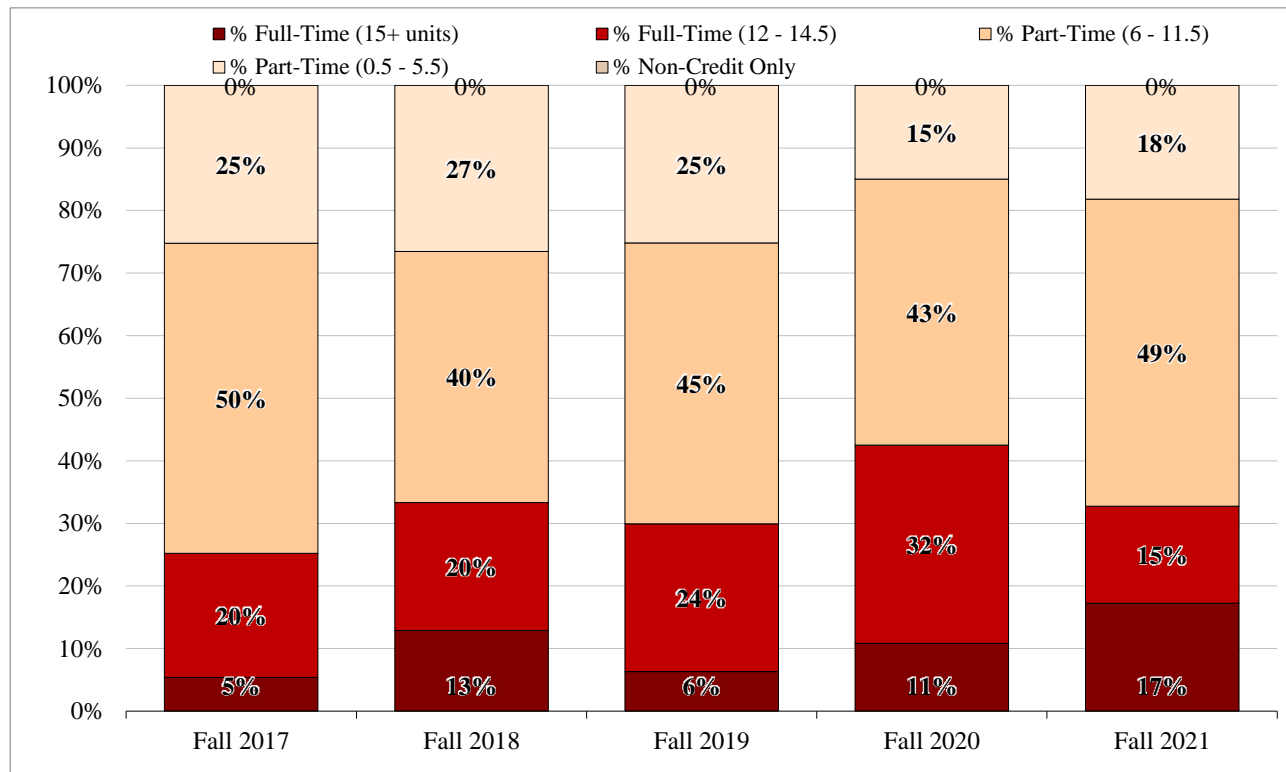| Computer Networking Technology (CNT)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
First-Time Any College	8	8	5	12	12
First-Time Transfer	15	25	20	13	6
Continuing	74	80	88	82	81
Returning	14	17	13	12	9
Concurrent Enrollment	0	2	1	1	2
% First-Time Any College	7%	6%	4%	10%	11%
% First-Time Transfer	14%	19%	16%	11%	5%
% Continuing	67%	61%	69%	68%	74%
% Returning	13%	13%	10%	10%	8%
% Concurrent Enrollment	0%	2%	1%	1%	2%
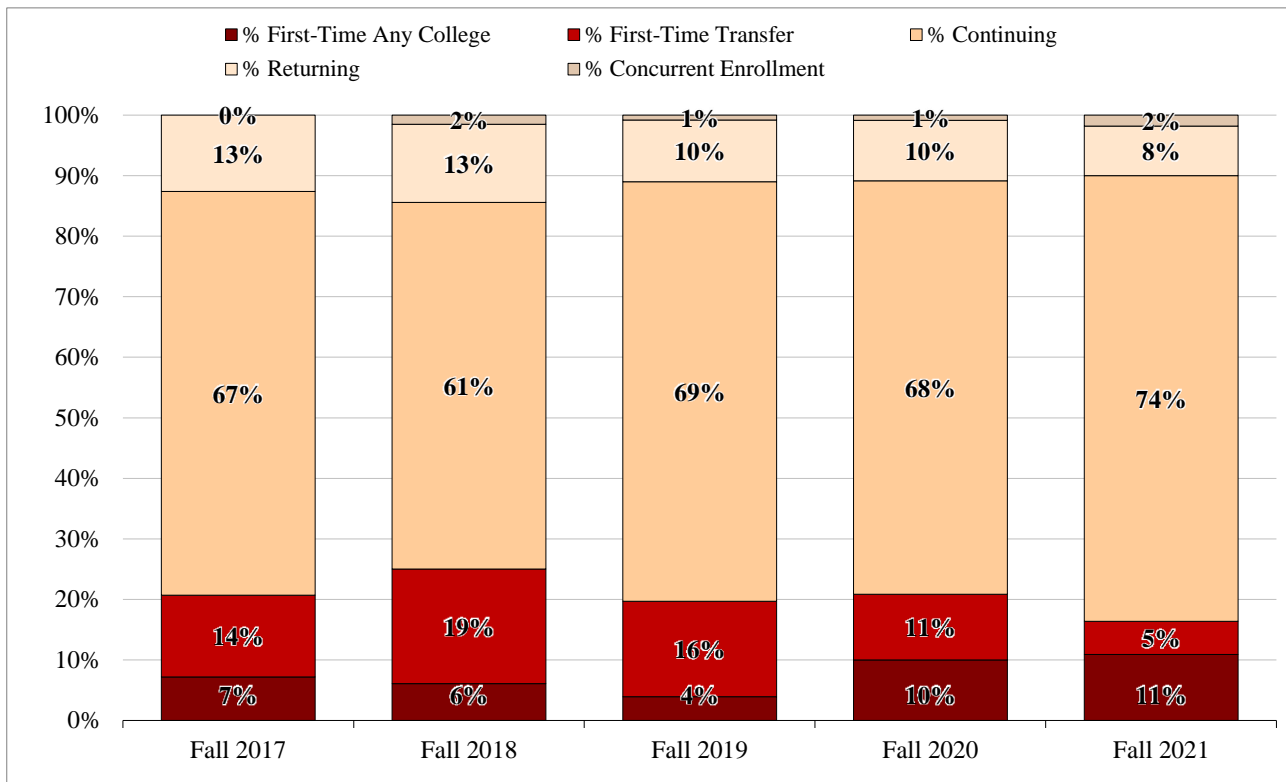
Definitions:

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 Networking Technology (CNT)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
Full-Time (15+ units)	6	17	8	13	19
Full-Time (12 - 14.5)	22	27	30	38	17
Part-Time (6 - 11.5)	55	53	57	51	54
Part-Time (0.5 - 5.5)	28	35	32	18	20
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	5%	13%	6%	11%	17%
% Full-Time (12 - 14.5)	20%	20%	24%	32%	15%
% Part-Time (6 - 11.5)	50%	40%	45%	43%	49%
% Part-Time (0.5 - 5.5)	25%	27%	25%	15%	18%
% Non-Credit Only	0%	0%	0%	0%	0%

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Students Using Distance Education

| Computer Networking Technology (CNT)					
	Term				
(Categories reflect college-wide coursework)	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
Face-to-Face (F2F) Only	81	46	40	0	0
Both F2F and DE	28	56	54	0	3
Distance Education (DE) Only	2	30	33	120	107
% Face-to-Face (F2F) Only	73%	35%	31%	0%	0%
% Both F2F and DE	25%	42%	43%	0%	3%
% Distance Education (DE) Only	2%	23%	26%	100%	97%
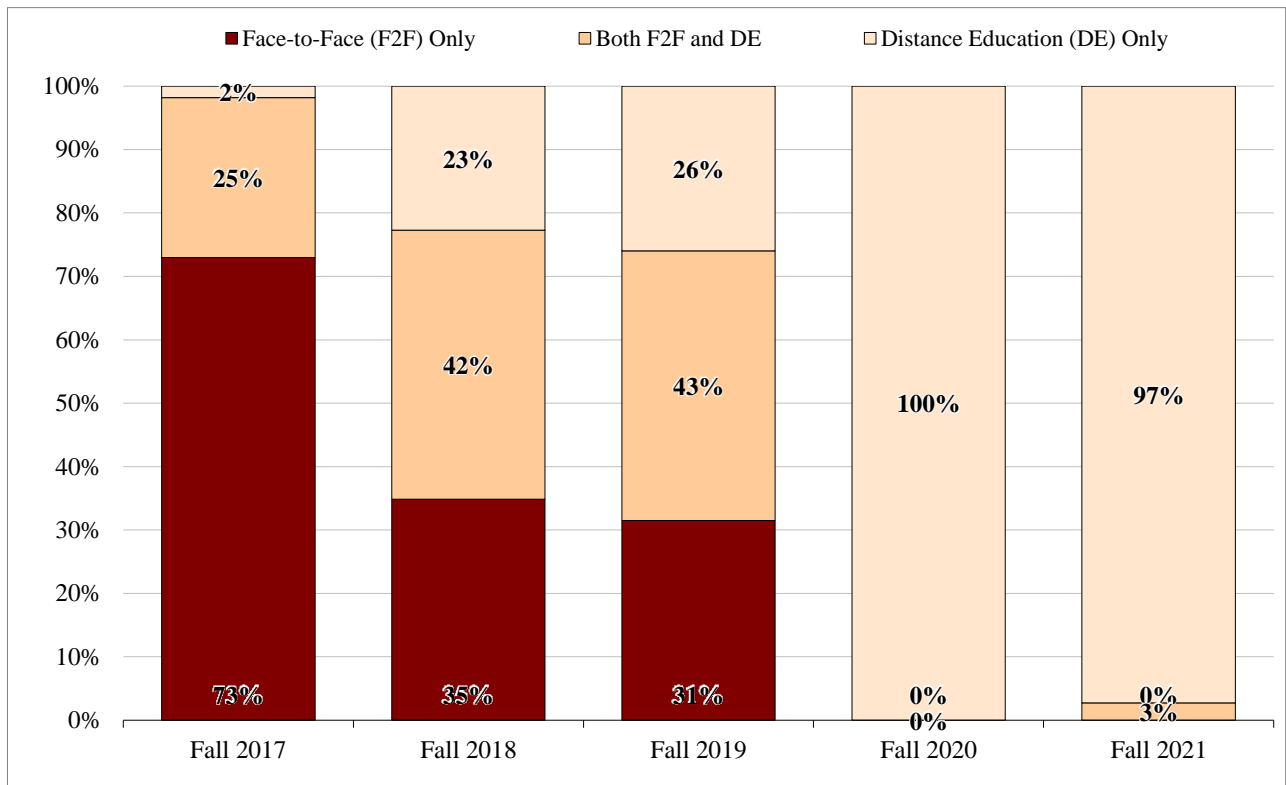
Definitions:

Distance Education (DE) includes enrollments in courses with section numbers designated as courses with 51% or more of instruction delivered online.

Due to the COVID-19 pandemic, 2020-21 DE courses were distinguished through provisional designations.

Student Educational Goal

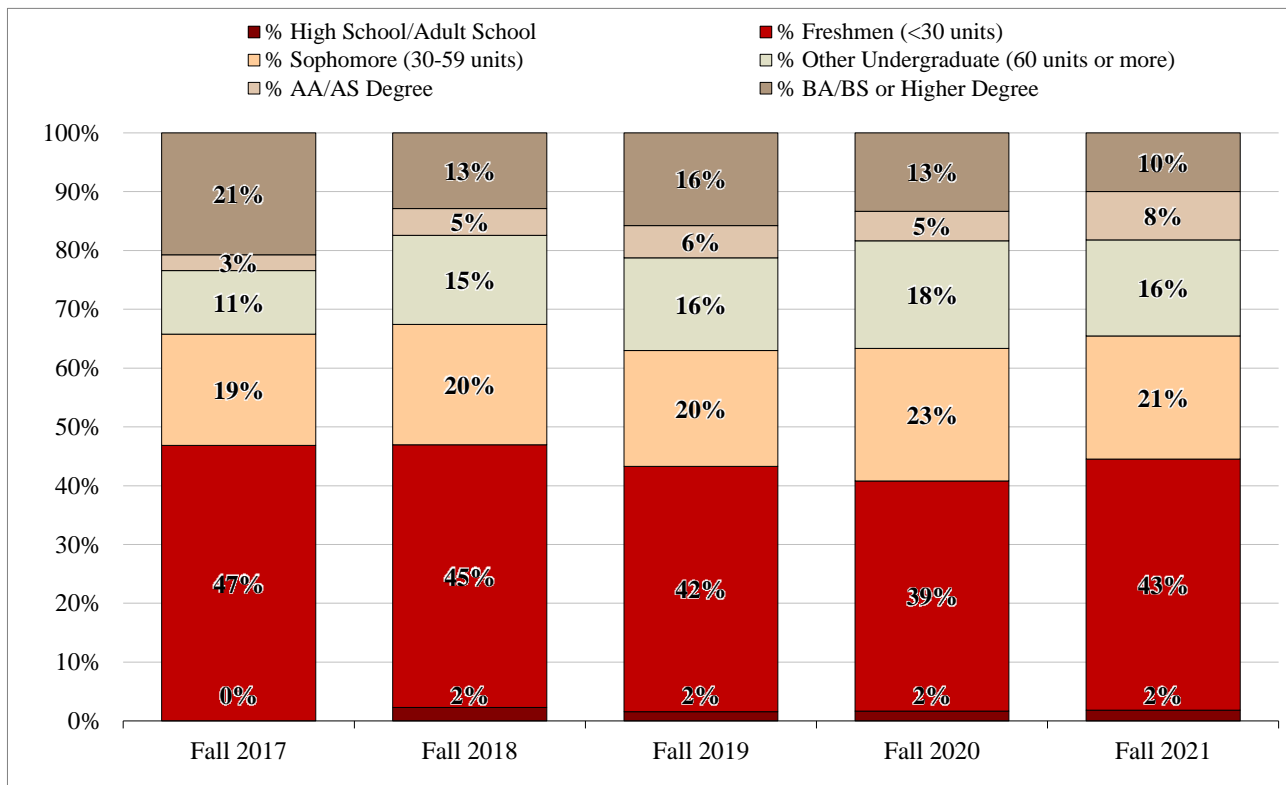| Computer Networking Technology (CNT)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
Transfer (w/ or w/o AA/AS degree)	54	60	58	68	55
Associate Degree Only (AA/AS)	10	21	18	12	10
Occupational Certificate or Job Training	29	37	33	24	30
Improve English/Math Basic Skills	4	0	4	4	3
Personal Development (intellectual/cultural)	2	3	2	1	1
Other	0	0	0	2	0
Undecided	11	11	12	9	11
Unknown	1	0	0	0	0
% Transfer (w/ or w/o AA/AS degree)	49%	45%	46%	57%	50%
% Associate Degree Only (AA/AS)	9%	16%	14%	10%	9%
% Occupational Certificate or Job Training	26%	28%	26%	20%	27%
% Improve English/Math Basic Skills	4%	0%	3%	3%	3%
% Personal Development (intellectual/cultural	2%	2%	2%	1%	1%
% Other	0%	0%	0%	2%	0%
% Undecided	10%	8%	9%	8%	10%
% Unknown	1%	0%	0%	0%	0%
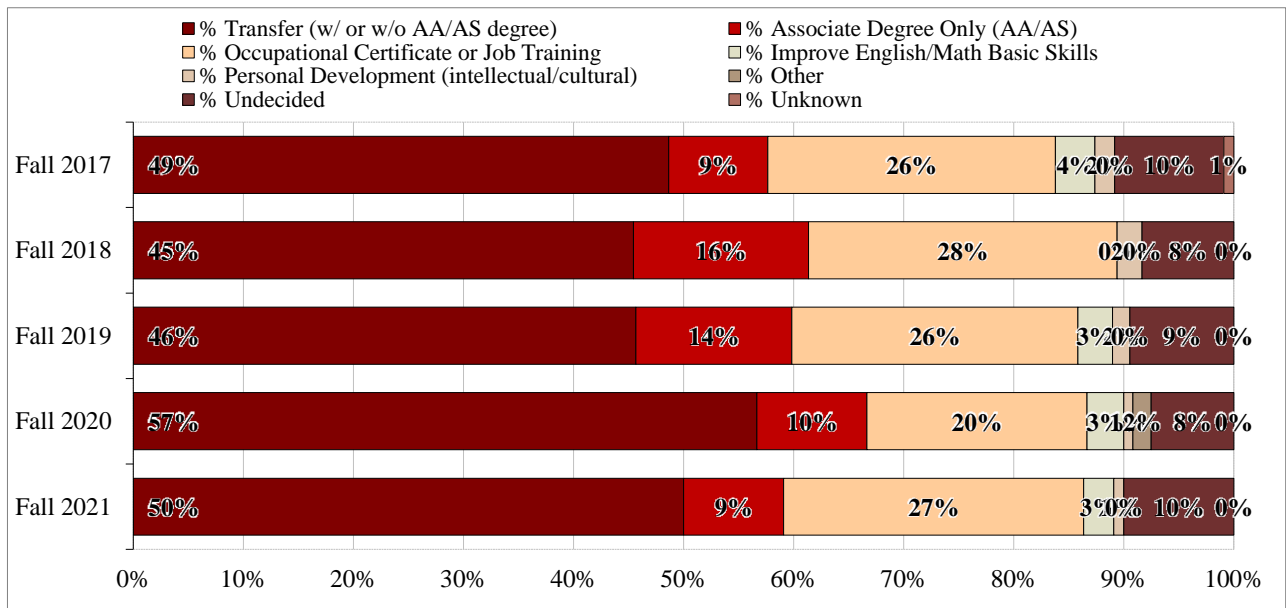
Definitions:

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 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
High School/Adult School	0	3	2	2	2
Freshmen (<30 units)	52	59	53	47	47
Sophomore (30-59 units)	21	27	25	27	23
Other Undergraduate (60 units or more)	12	20	20	22	18
AA/AS Degree	3	6	7	6	9
BA/BS or Higher Degree	23	17	20	16	11
% High School/Adult School	0%	2%	2%	2%	2%
% Freshmen (<30 units)	47%	45%	42%	39%	43%
% Sophomore (30-59 units)	19%	20%	20%	23%	21%
% Other Undergraduate (60 units or more)	11%	15%	16%	18%	16%
% AA/AS Degree	3%	5%	6%	5%	8%
% BA/BS or Higher Degree	21%	13%	16%	13%	10%

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Student Performance: Grade Distribution

| Computer Networking Technology (CNT)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
Total Course Enrollments	**171**	**230**	**197**	**247**	**203**
Course Success Rates	**73%**	**59%**	**70%**	**79%**	**77%**
A	53%	42%	50%	64%	60%
B	14%	10%	12%	11%	8%
C	6%	7%	8%	2%	9%
P	0%	0%	1%	1%	0%
Course Non-Success Rate	**9%**	**17%**	**15%**	**5%**	**7%**
D	2%	3%	3%	2%	0%
F*	8%	14%	12%	3%	7%
Withdrawals (See Note)	**18%**	**24%**	**15%**	**17%**	**16%**
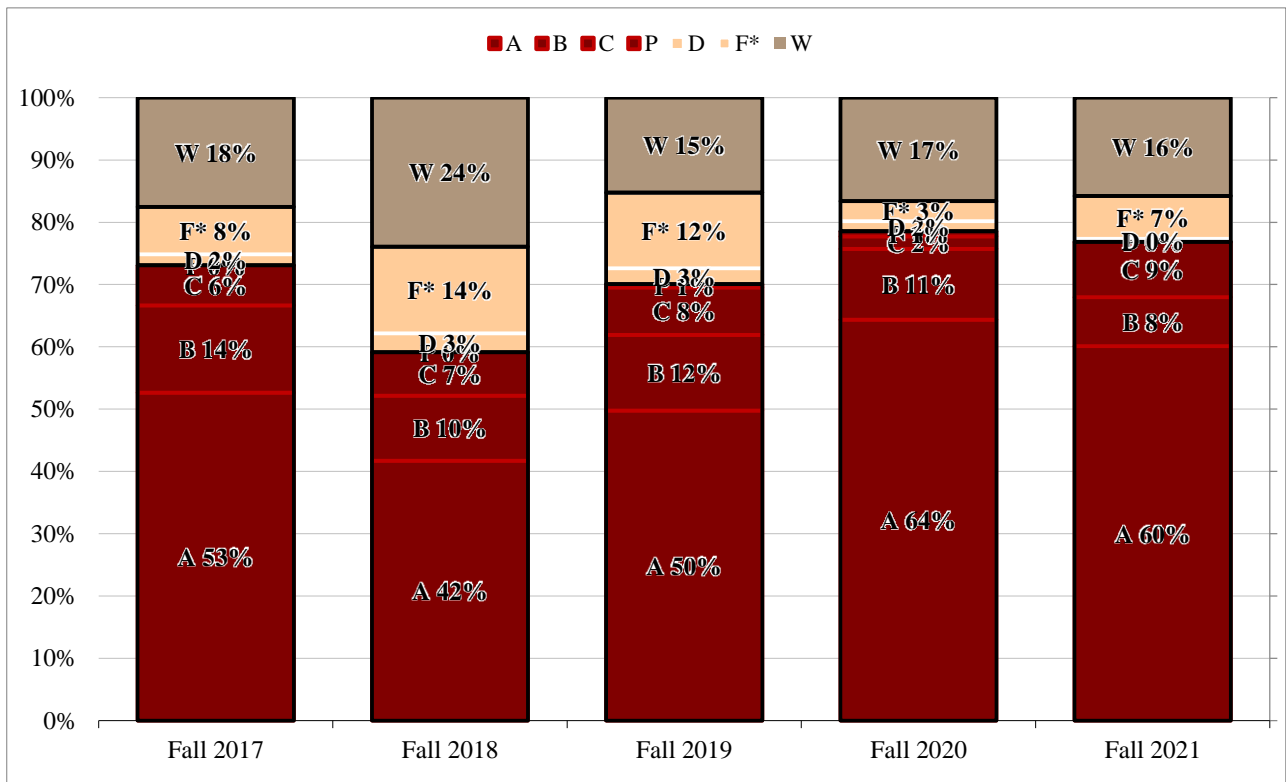
Definitions:

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 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
Total Course Enrollments	171	230	197	247	203
Face-to-Face (F2F) Sections	164	125	92	0	0
Success Rates	73%	71%	71%	—	—
Non-Success Rates	10%	10%	12%	—	—
Withdrawals	17%	19%	17%	—	—
Distance Education (DE) Sections	7	105	105	247	203
Success Rates	71%	45%	70%	79%	77%
Non-Success Rates	0%	26%	17%	5%	7%
Withdrawals	29%	30%	13%	17%	16%
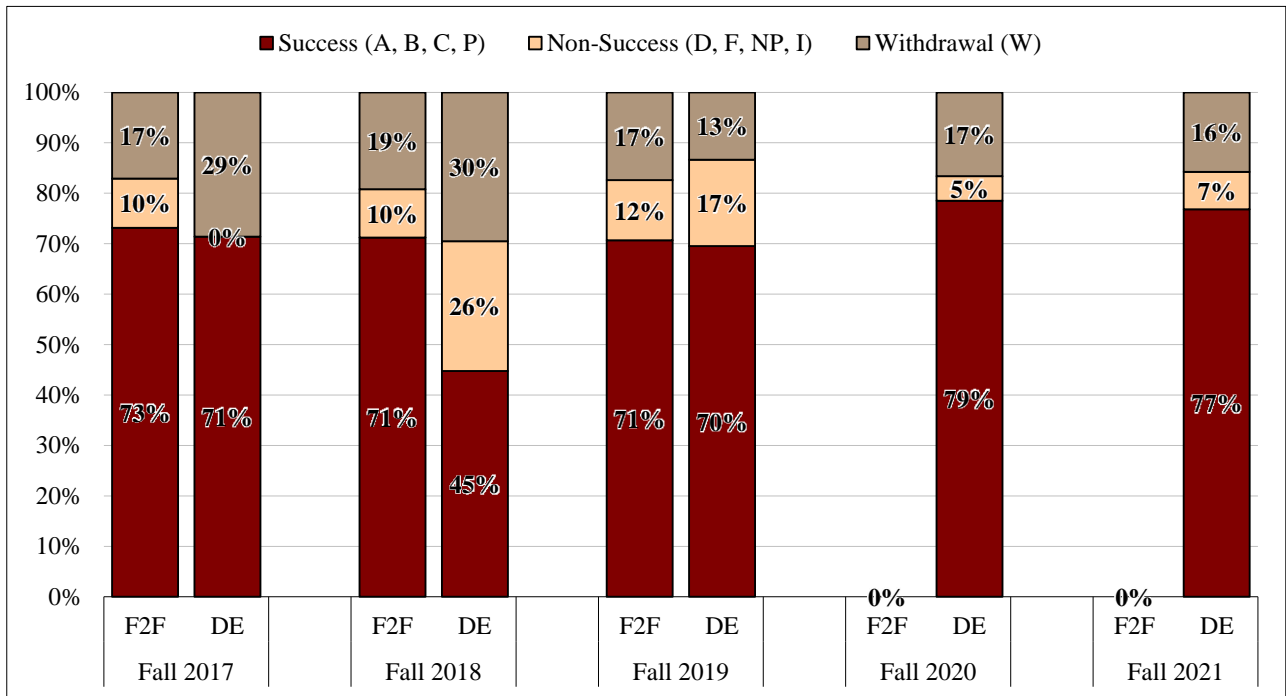
Definitions:

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 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
WSCH	870	1,039	853	1,063	857
FTES	27.7	33.9	27.3	34.9	28.6
FTEF	1.7	2.2	2.4	2.1	2.1
Productivity (WSCH/FTEF)	497.4	481.7	355.6	517.0	399.0
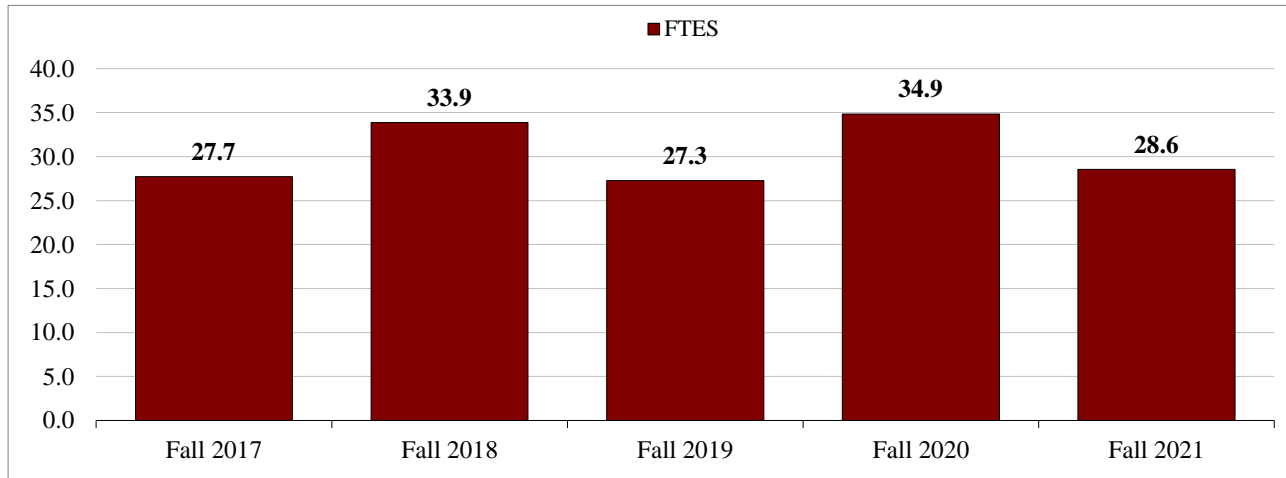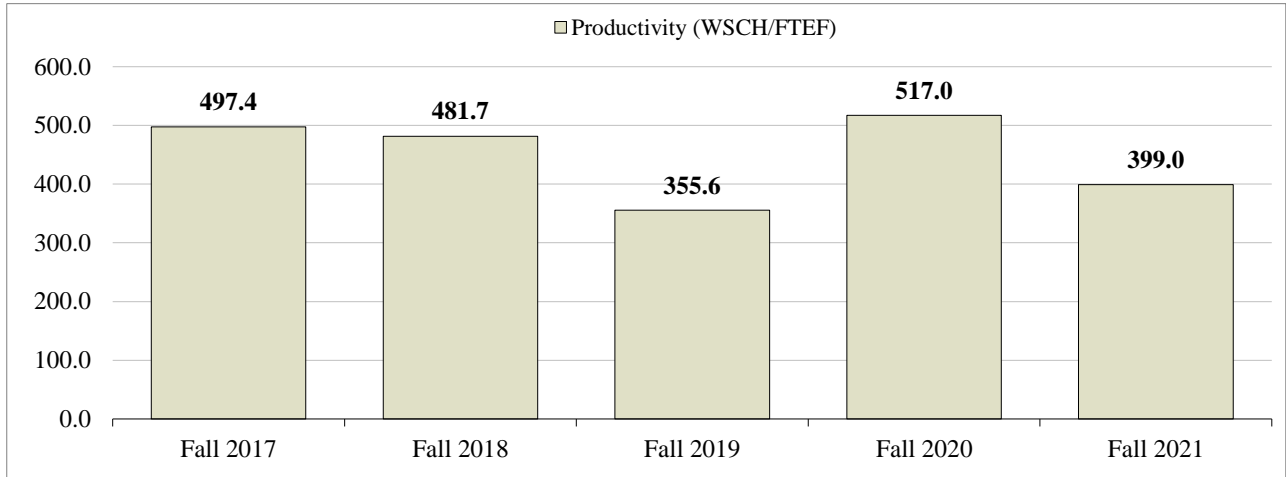
Definitions:

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 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
FTEF from Full-Time Faculty	1.7	0.9	1.6	2.1	1.8
% FTEF from Full-Time Faculty	100%	44%	65%	100%	84%
Enrollments	171	230	197	247	203
Capacity (seats available)	150	210	210	223	180
Fill Rate	114%	110%	94%	111%	113%
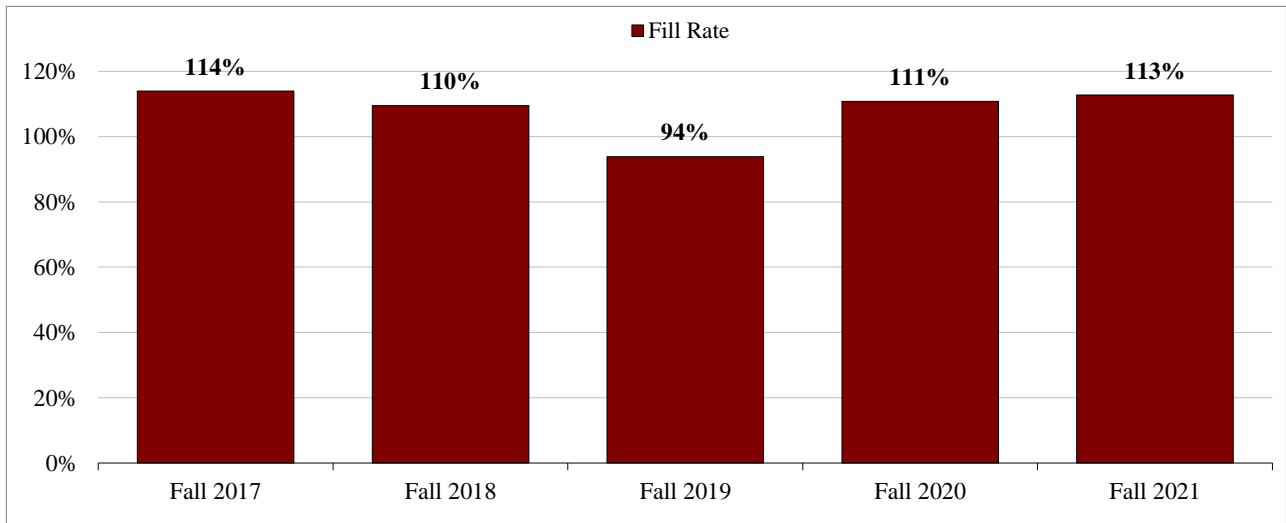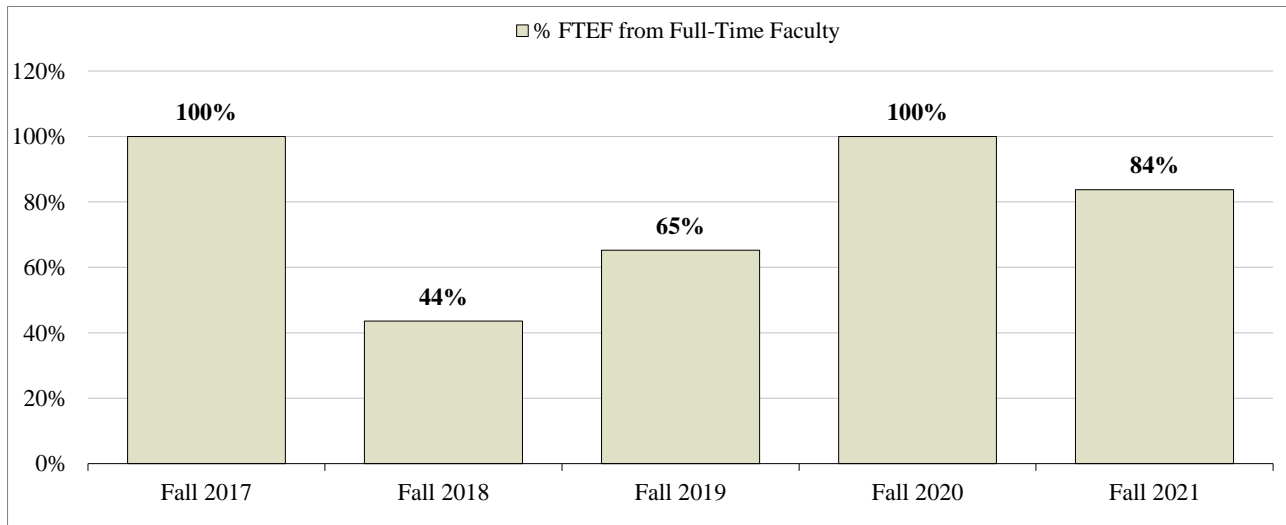
Definitions:

    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 2021				
	CNT		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	50	45%	3,849	52%
Attempted College-level	8	7%	430	6%
Attempted Below College-level	2	2%	46	1%
No Prior Attempt (has placement)	23	21%	1,845	25%
No Prior Attempt (no placement)	27	25%	1,202	16%
College Math				
Completed College-level	49	45%	4,530	61%
Attempted College-level	5	5%	132	2%
Attempted Below College-level	2	2%	181	2%
No Prior Attempt (has placement)	26	24%	1,337	18%
No Prior Attempt (no placement)	28	25%	1,192	16%
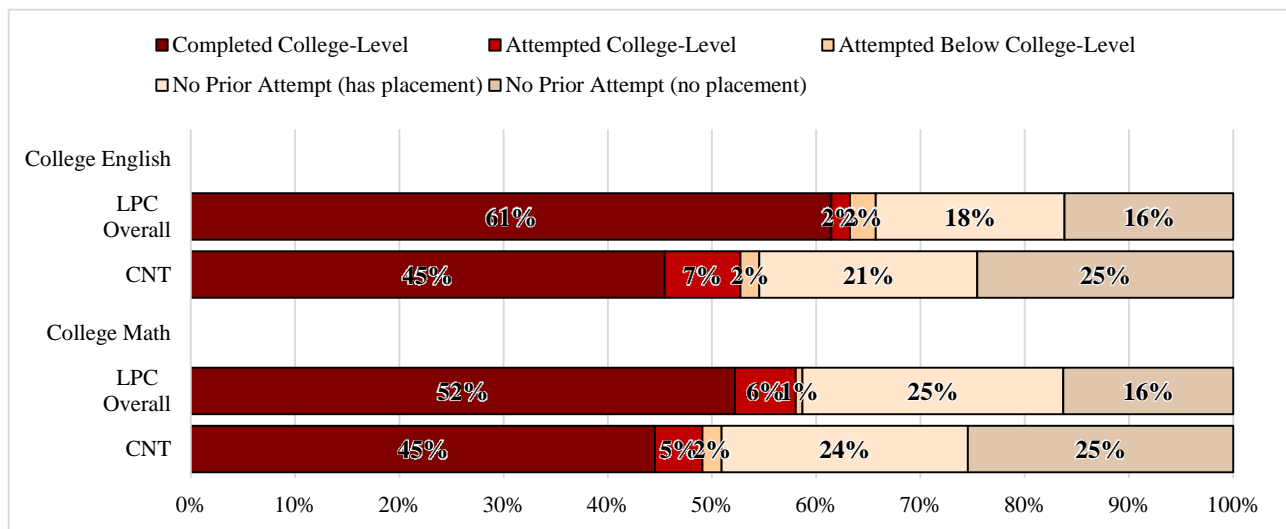
Definitions:

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 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 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.