



Las Positas College
Discipline Program Review Data Packet
Fall 2018 to Spring 2023

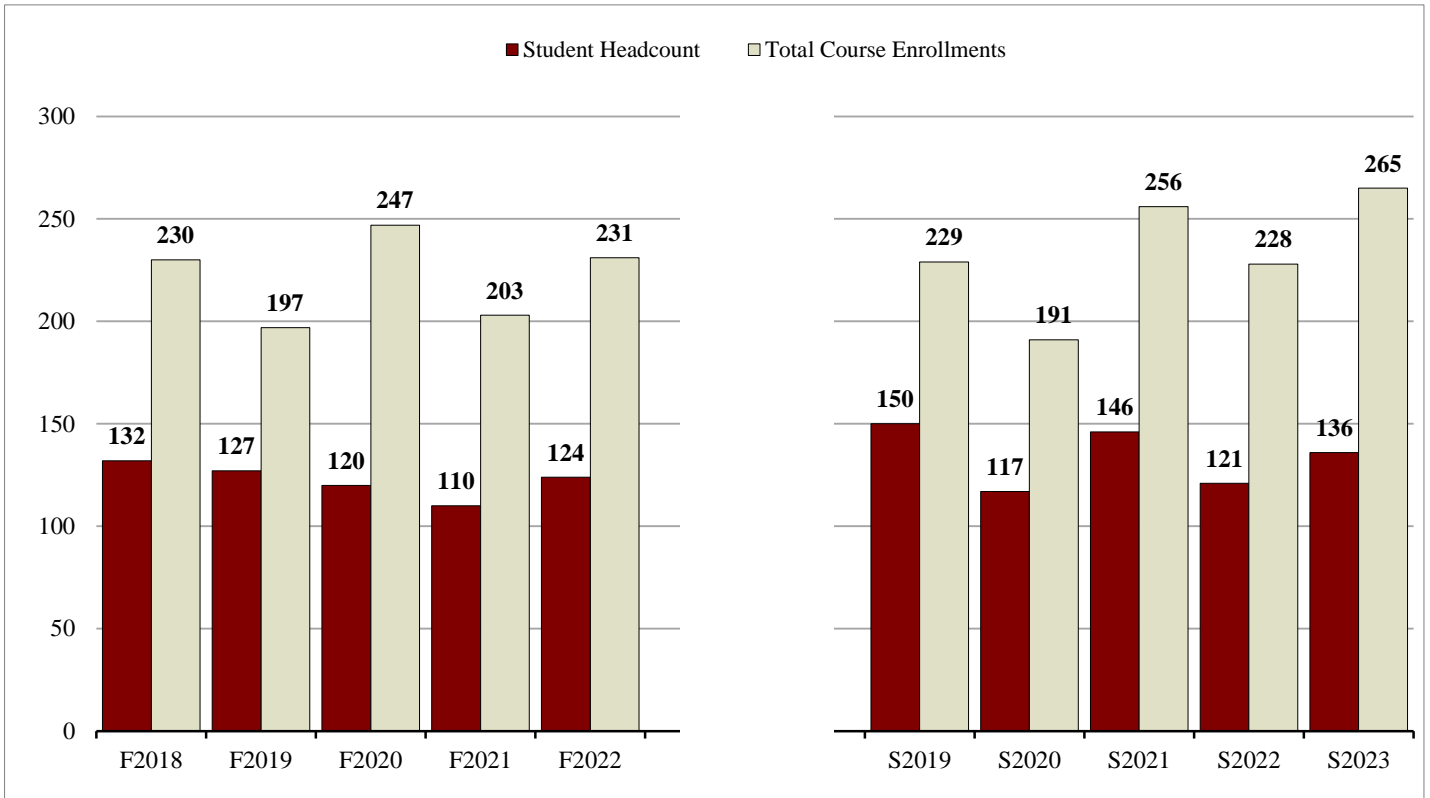
Discipline:

Computer Networking Technology (CNT)

<u>TABLE OF CONTENTS</u>	<u>PAGE</u>
Headcount & Enrollment	1
Student Demographics: Gender & Age	2
Student Demographics: Race-Ethnicity	3
Student Enrollment Status	4
Student Unit Load	5
Students Using Distance Education	6
Student Educational Goal	7
Highest Educational Level of Students	8
Student Performance: Grade Distribution	9
Student Performance: Distance Education	10
Enrollment Management Data	11-12
Prior Experience in English & Math	13

Headcount & Enrollment

Computer Networking Technology (CNT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Student Headcount	132	127	120	110	124	150	117	146	121	136
Total Course Enrollments	230	197	247	203	231	229	191	256	228	265



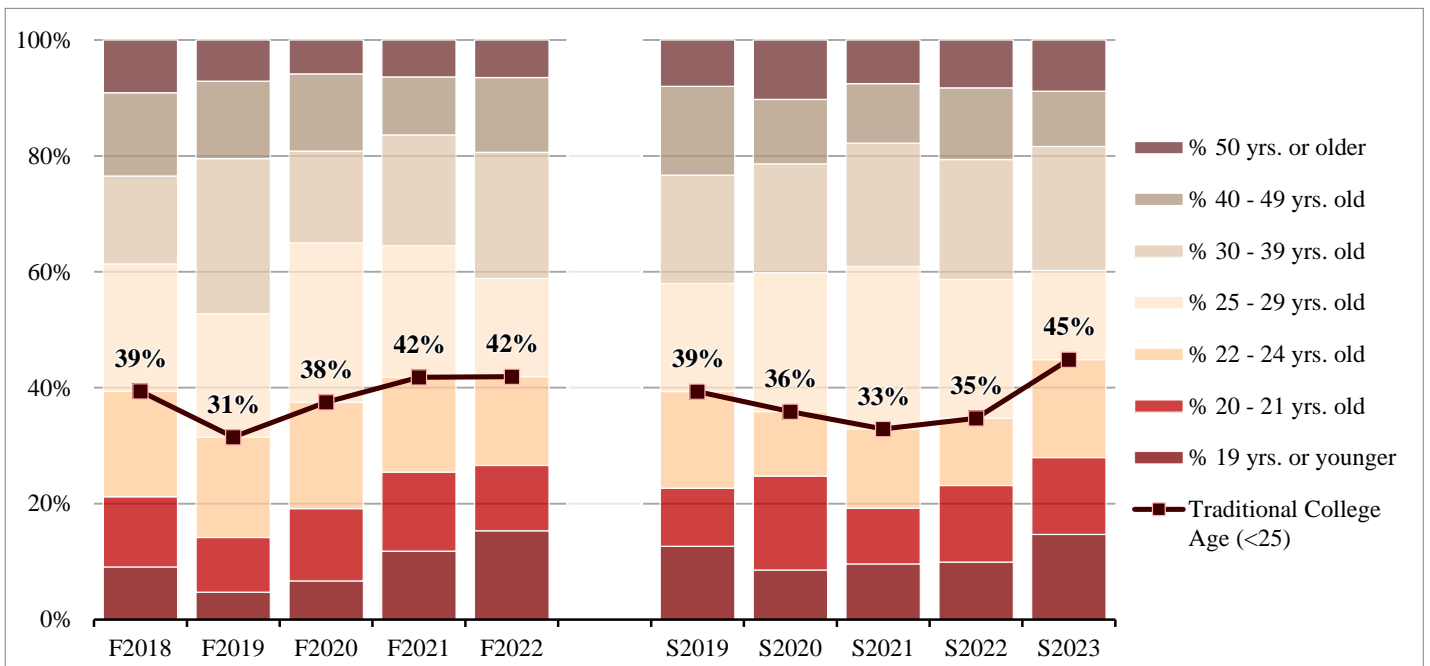
Definitions:

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.

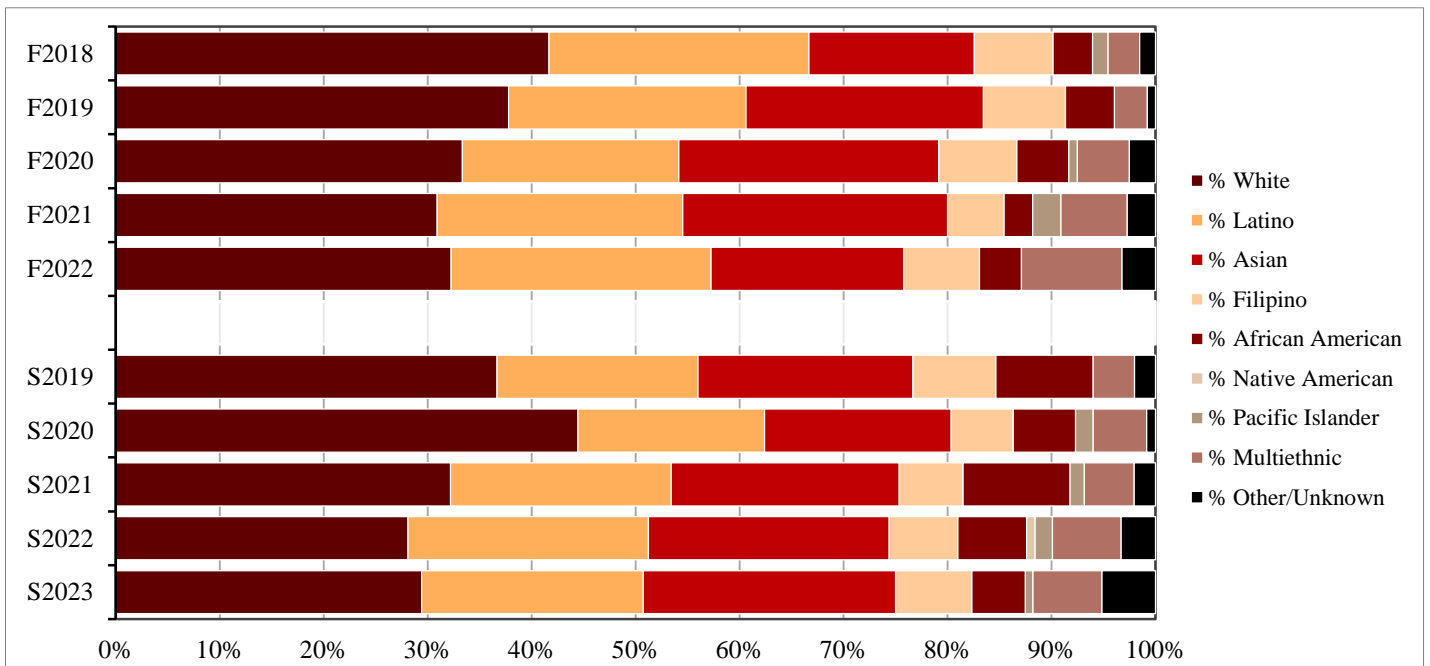
Student Demographics: Gender & Age

Computer Networking Technology (CNT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Female	28	21	22	20	26	28	21	29	29	21
Male	103	101	96	88	94	120	93	112	88	110
19 yrs. or younger	12	6	8	13	19	19	10	14	12	20
20-21 yrs. old	16	12	15	15	14	15	19	14	16	18
22-24 yrs. old	24	22	22	18	19	25	13	20	14	23
25-29 yrs. old	29	27	33	25	21	28	28	41	29	21
30-39 yrs. old	20	34	19	21	27	28	22	31	25	29
40-49 yrs. old	19	17	16	11	16	23	13	15	15	13
50 yrs. or older	12	9	7	7	8	12	12	11	10	12
% Female	21%	17%	19%	19%	22%	19%	18%	21%	25%	16%
% Male	79%	83%	81%	81%	78%	81%	82%	79%	75%	84%
% 19 yrs. or younger	9%	5%	7%	12%	15%	13%	9%	10%	10%	15%
% 20 - 21 yrs. old	12%	9%	13%	14%	11%	10%	16%	10%	13%	13%
% 22 - 24 yrs. old	18%	17%	18%	16%	15%	17%	11%	14%	12%	17%
% 25 - 29 yrs. old	22%	21%	28%	23%	17%	19%	24%	28%	24%	15%
% 30 - 39 yrs. old	15%	27%	16%	19%	22%	19%	19%	21%	21%	21%
% 40 - 49 yrs. old	14%	13%	13%	10%	13%	15%	11%	10%	12%	10%
% 50 yrs. or older	9%	7%	6%	6%	6%	8%	10%	8%	8%	9%



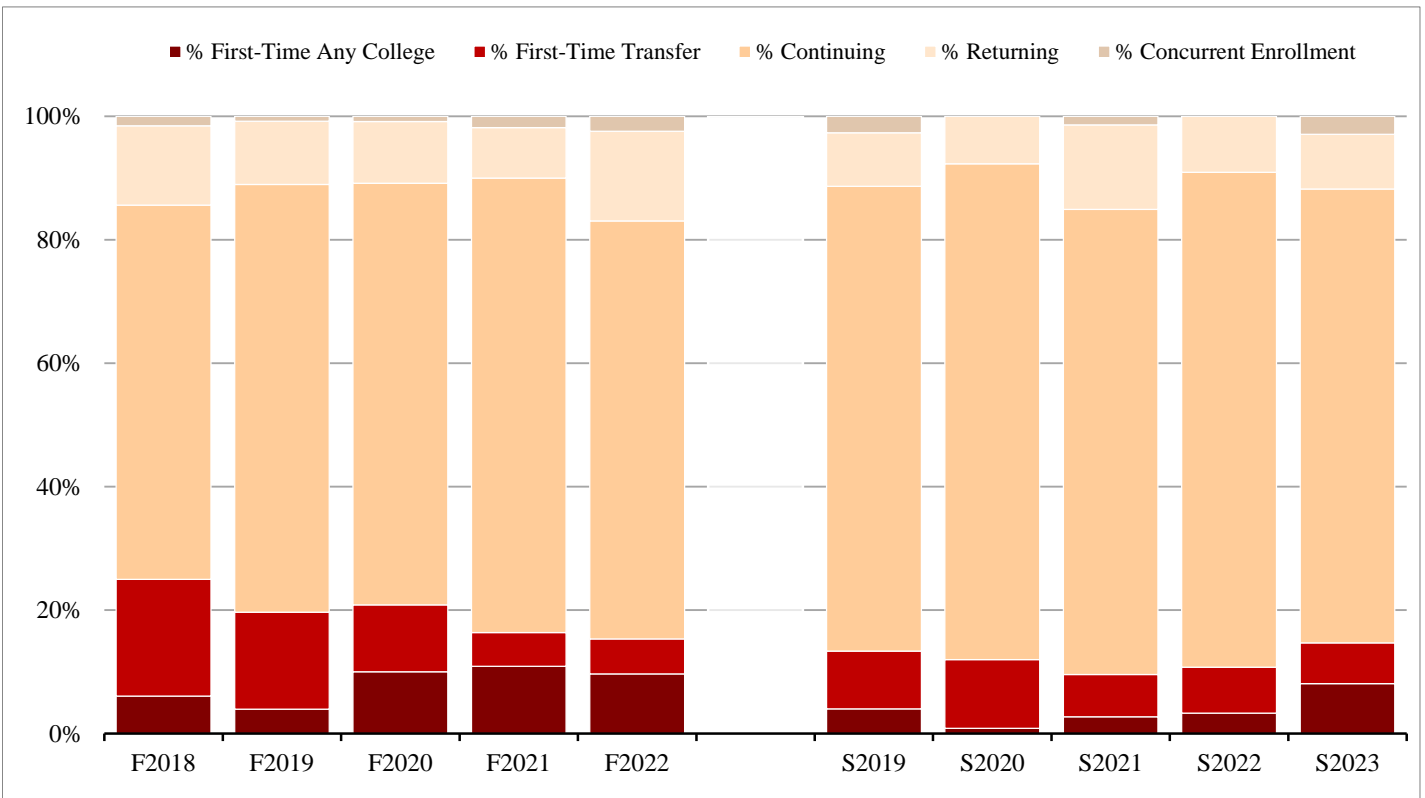
Student Demographic: Race-Ethnicity

Computer Networking Technology (CNT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
African American	5	6	6	3	5	14	7	15	8	7
Asian	21	29	30	28	23	31	21	32	28	33
Filipino	10	10	9	6	9	12	7	9	8	10
Latino	33	29	25	26	31	29	21	31	28	29
Native American	0	0	0	0	0	0	0	0	1	0
Pacific Islander	2	0	1	3	0	0	2	2	2	1
White	55	48	40	34	40	55	52	47	34	40
Multiethnic	4	4	6	7	12	6	6	7	8	9
Other/Unknown	2	1	3	3	4	3	1	3	4	7
% African American	4%	5%	5%	3%	4%	9%	6%	10%	7%	5%
% Asian	16%	23%	25%	25%	19%	21%	18%	22%	23%	24%
% Filipino	8%	8%	8%	5%	7%	8%	6%	6%	7%	7%
% Latino	25%	23%	21%	24%	25%	19%	18%	21%	23%	21%
% Native American	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
% Pacific Islander	2%	0%	1%	3%	0%	0%	2%	1%	2%	1%
% White	42%	38%	33%	31%	32%	37%	44%	32%	28%	29%
% Multiethnic	3%	3%	5%	6%	10%	4%	5%	5%	7%	7%
% Other/Unknown	2%	1%	3%	3%	3%	2%	1%	2%	3%	5%



Student Enrollment Status

Computer Networking Technology (CNT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
First-Time Any College	8	5	12	12	12	6	1	4	4	11
First-Time Transfer	25	20	13	6	7	14	13	10	9	9
Continuing	80	88	82	81	84	113	94	110	97	100
Returning	17	13	12	9	18	13	9	20	11	12
Concurrent Enrollment	2	1	1	2	3	4	0	2	0	4
% First-Time Any College	6%	4%	10%	11%	10%	4%	1%	3%	3%	8%
% First-Time Transfer	19%	16%	11%	5%	6%	9%	11%	7%	7%	7%
% Continuing	61%	69%	68%	74%	68%	75%	80%	75%	80%	74%
% Returning	13%	10%	10%	8%	15%	9%	8%	14%	9%	9%
% Concurrent Enrollment	2%	1%	1%	2%	2%	3%	0%	1%	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.

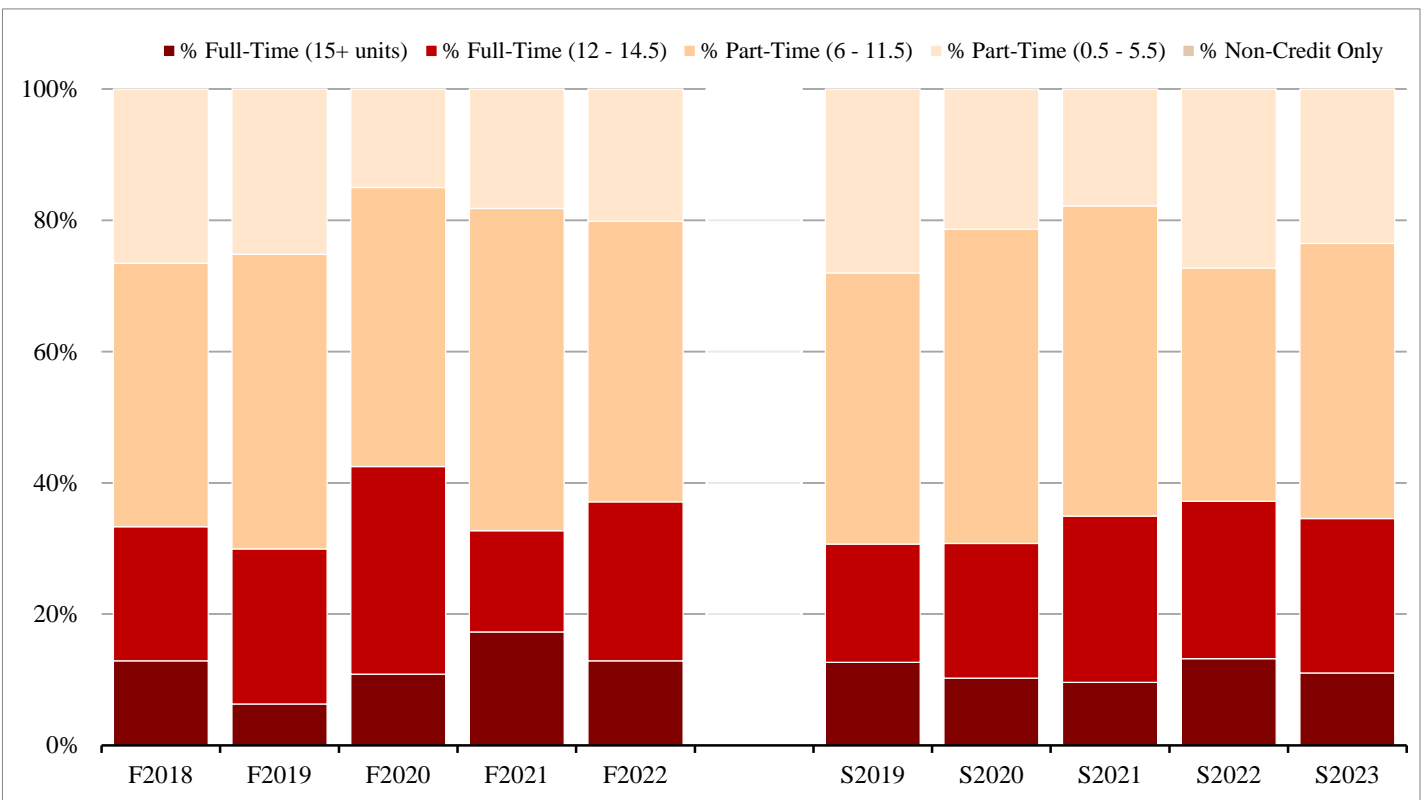
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

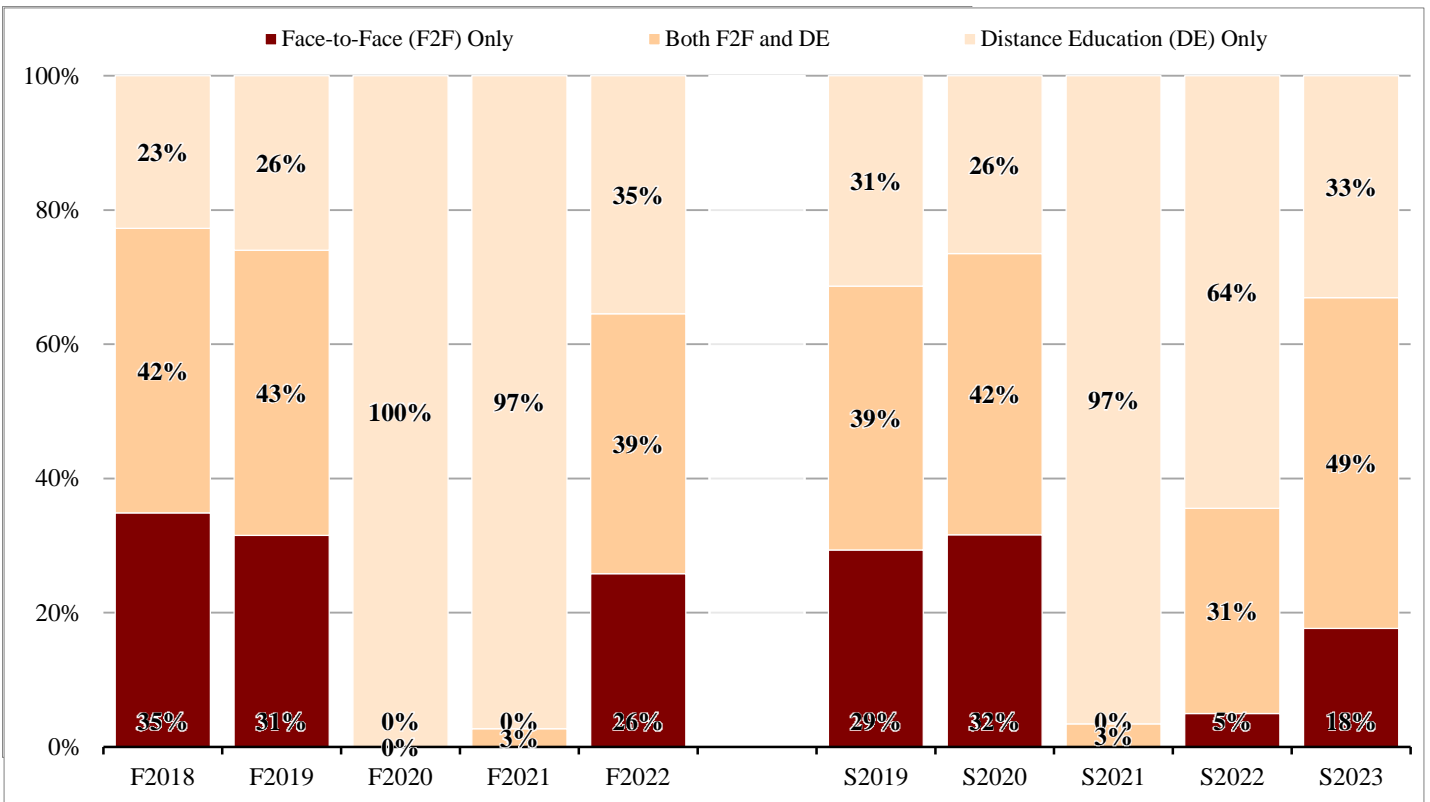
Student Unit Load

Computer Networking Technology (CNT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Full-Time (15+ units)	17	8	13	19	16	19	12	14	16	15
Full-Time (12 - 14.5 units)	27	30	38	17	30	27	24	37	29	32
Part-Time (6 - 11.5 units)	53	57	51	54	53	62	56	69	43	57
Part-Time (0.5 - 5.5 units)	35	32	18	20	25	42	25	26	33	32
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	13%	6%	11%	17%	13%	13%	10%	10%	13%	11%
% Full-Time (12 - 14.5)	20%	24%	32%	15%	24%	18%	21%	25%	24%	24%
% Part-Time (6 - 11.5)	40%	45%	43%	49%	43%	41%	48%	47%	36%	42%
% Part-Time (0.5 - 5.5)	27%	25%	15%	18%	20%	28%	21%	18%	27%	24%
% Non-Credit Only	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



Students Using Distance Education

Computer Networking Technology (CNT)										
(Categories reflect college-wide coursework)	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Face-to-Face (F2F) Only	46	40	0	0	32	44	37	0	6	24
Both F2F and DE	56	54	0	3	48	59	49	5	37	67
Distance Education (DE) Only	30	33	120	107	44	47	31	141	78	45
% Face-to-Face (F2F) Only	35%	31%	0%	0%	26%	29%	32%	0%	5%	18%
% Both F2F and DE	42%	43%	0%	3%	39%	39%	42%	3%	31%	49%
% Distance Education (DE) Only	23%	26%	100%	97%	35%	31%	26%	97%	64%	33%

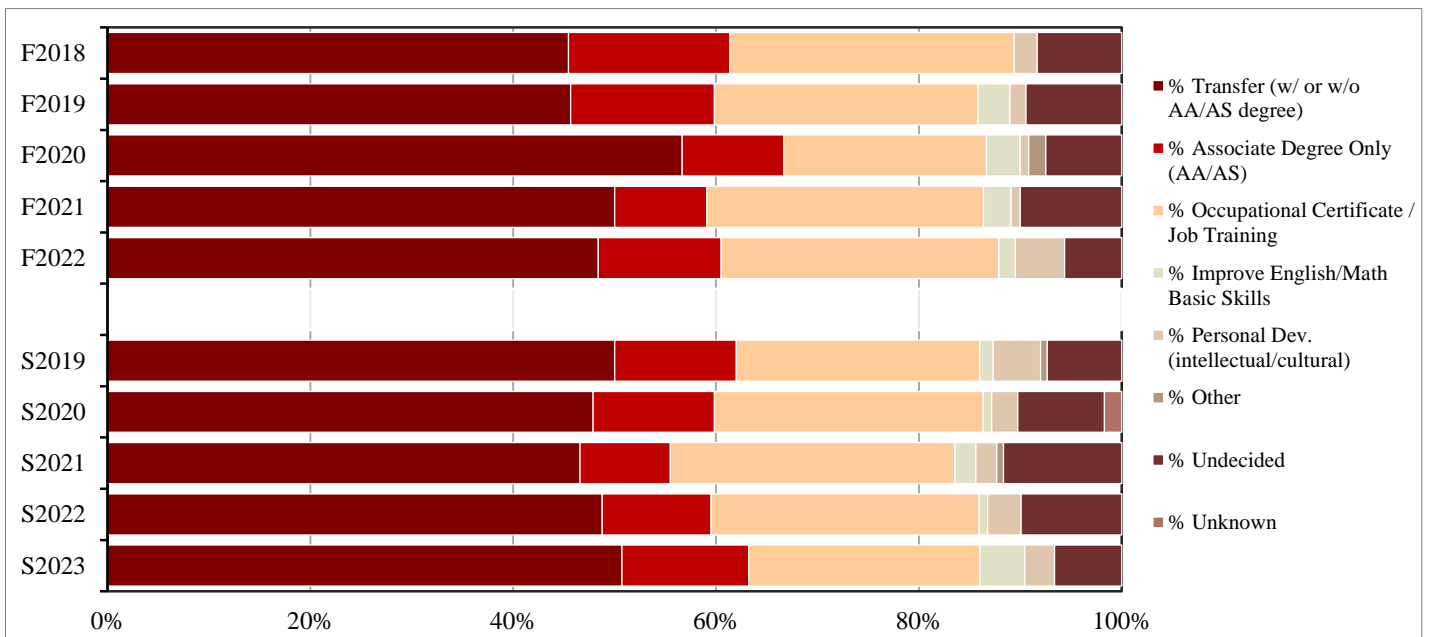


Definitions:

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)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Transfer (w/ or w/o AA/AS degree)	60	58	68	55	60	75	56	68	59	69
Associate Degree Only (AA/AS)	21	18	12	10	15	18	14	13	13	17
Occupational Certificate / Job Training	37	33	24	30	34	36	31	41	32	31
Improve English/Math Basic Skills	0	4	4	3	2	2	1	3	1	6
Personal Development (intellectual/cultural)	3	2	1	1	6	7	3	3	4	4
Other	0	0	2	0	0	1	0	1	0	0
Undecided	11	12	9	11	7	11	10	17	12	9
Unknown	0	0	0	0	0	0	2	0	0	0
% Transfer (w/ or w/o AA/AS degree)	45%	46%	57%	50%	48%	50%	48%	47%	49%	51%
% Associate Degree Only (AA/AS)	16%	14%	10%	9%	12%	12%	12%	9%	11%	13%
% Occupational Certificate / Job Training	28%	26%	20%	27%	27%	24%	26%	28%	26%	23%
% Improve English/Math Basic Skills	0%	3%	3%	3%	2%	1%	1%	2%	1%	4%
% Personal Dev. (intellectual/cultural)	2%	2%	1%	1%	5%	5%	3%	2%	3%	3%
% Other	0%	0%	2%	0%	0%	1%	0%	1%	0%	0%
% Undecided	8%	9%	8%	10%	6%	7%	9%	12%	10%	7%
% Unknown	0%	0%	0%	0%	0%	0%	2%	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.

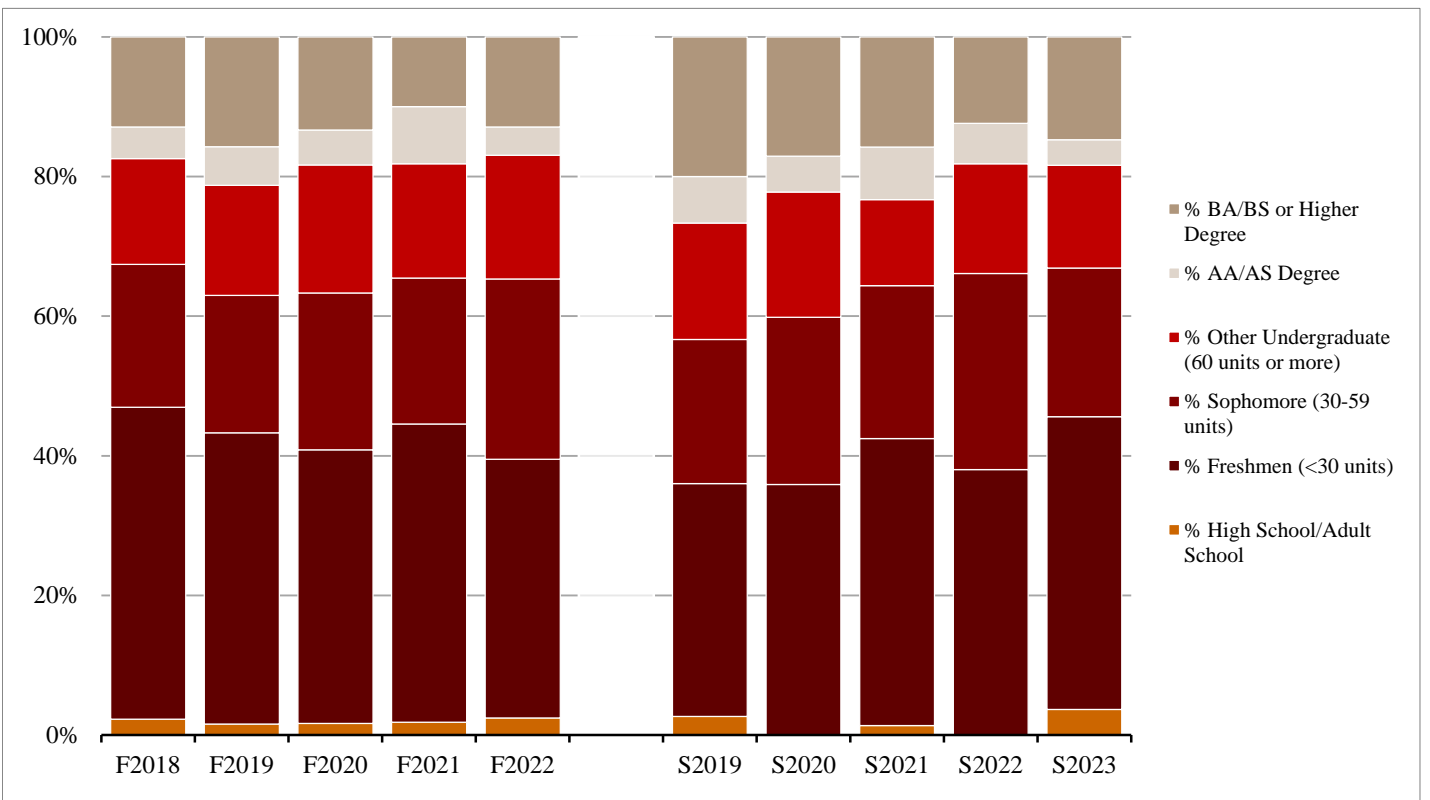
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

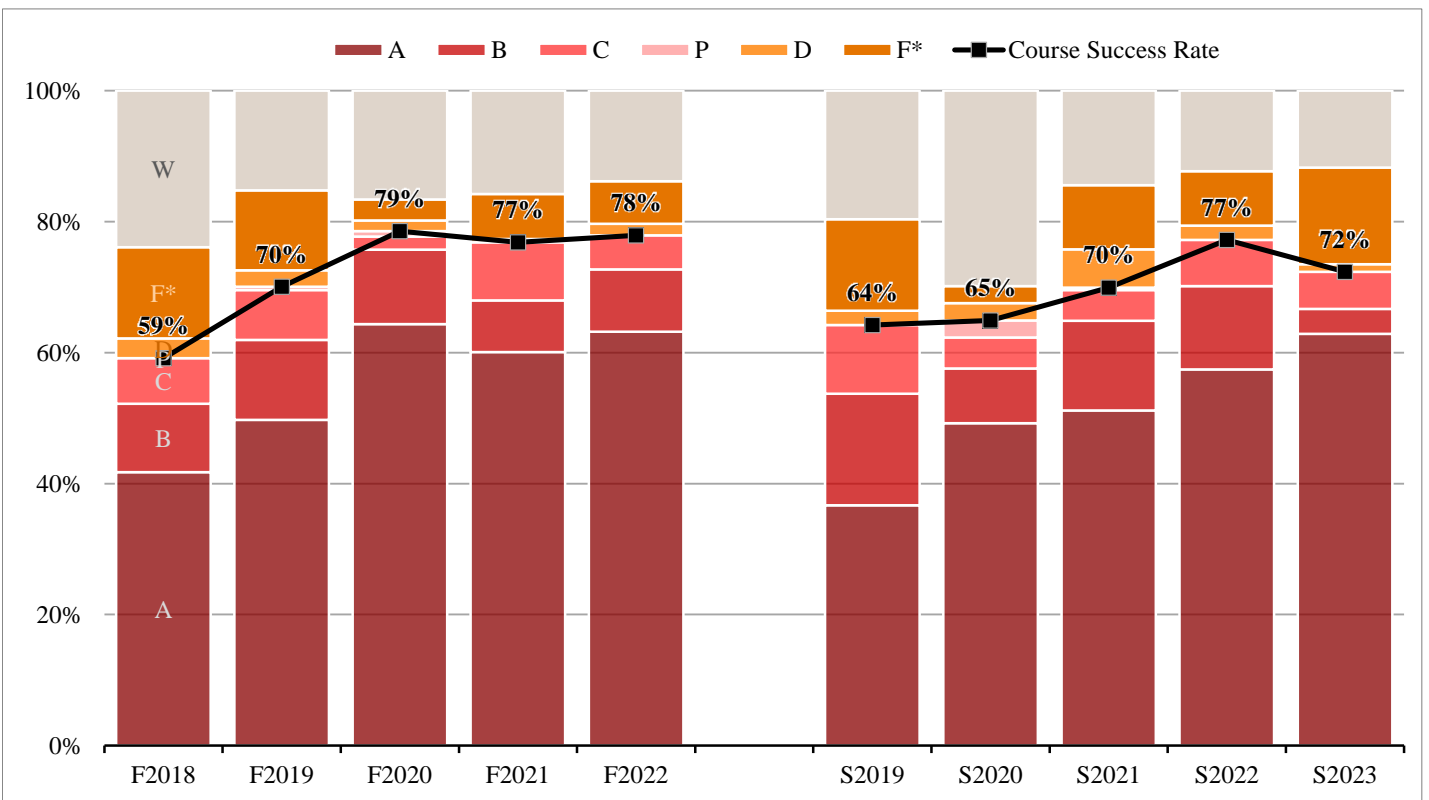
Highest Educational Level of Students

Computer Networking Technology (CNT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
High School/Adult School	3	2	2	2	3	4	0	2	0	5
Freshmen (<30 units)	59	53	47	47	46	50	42	60	46	57
Sophomore (30-59 units)	27	25	27	23	32	31	28	32	34	29
Other Undergraduate (60 units or more)	20	20	22	18	22	25	21	18	19	20
AA/AS Degree	6	7	6	9	5	10	6	11	7	5
BA/BS or Higher Degree	17	20	16	11	16	30	20	23	15	20
% High School/Adult School	2%	2%	2%	2%	2%	3%	0%	1%	0%	4%
% Freshmen (<30 units)	45%	42%	39%	43%	37%	33%	36%	41%	38%	42%
% Sophomore (30-59 units)	20%	20%	23%	21%	26%	21%	24%	22%	28%	21%
% Other Undergraduate (60 units or more)	15%	16%	18%	16%	18%	17%	18%	12%	16%	15%
% AA/AS Degree	5%	6%	5%	8%	4%	7%	5%	8%	6%	4%
% BA/BS or Higher Degree	13%	16%	13%	10%	13%	20%	17%	16%	12%	15%



Student Performance: Grade Distribution

Computer Networking Technology (CNT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Total Course Enrollments	230	197	247	203	231	229	191	256	228	265
Course Success Rates	59%	70%	79%	77%	78%	64%	65%	70%	77%	72%
A	42%	50%	64%	60%	63%	37%	49%	51%	57%	63%
B	10%	12%	11%	8%	10%	17%	8%	14%	13%	4%
C	7%	8%	2%	9%	5%	10%	5%	5%	7%	6%
P	0%	1%	1%	0%	0%	0%	3%	<1%	0%	0%
Course Non-Success Rate	17%	15%	5%	7%	8%	16%	5%	16%	11%	16%
D	3%	3%	2%	0%	2%	2%	3%	6%	2%	1%
F*	14%	12%	3%	7%	6%	14%	3%	10%	8%	15%
Withdrawals (See Note)	24%	15%	17%	16%	14%	20%	30%	14%	12%	12%



Definitions:

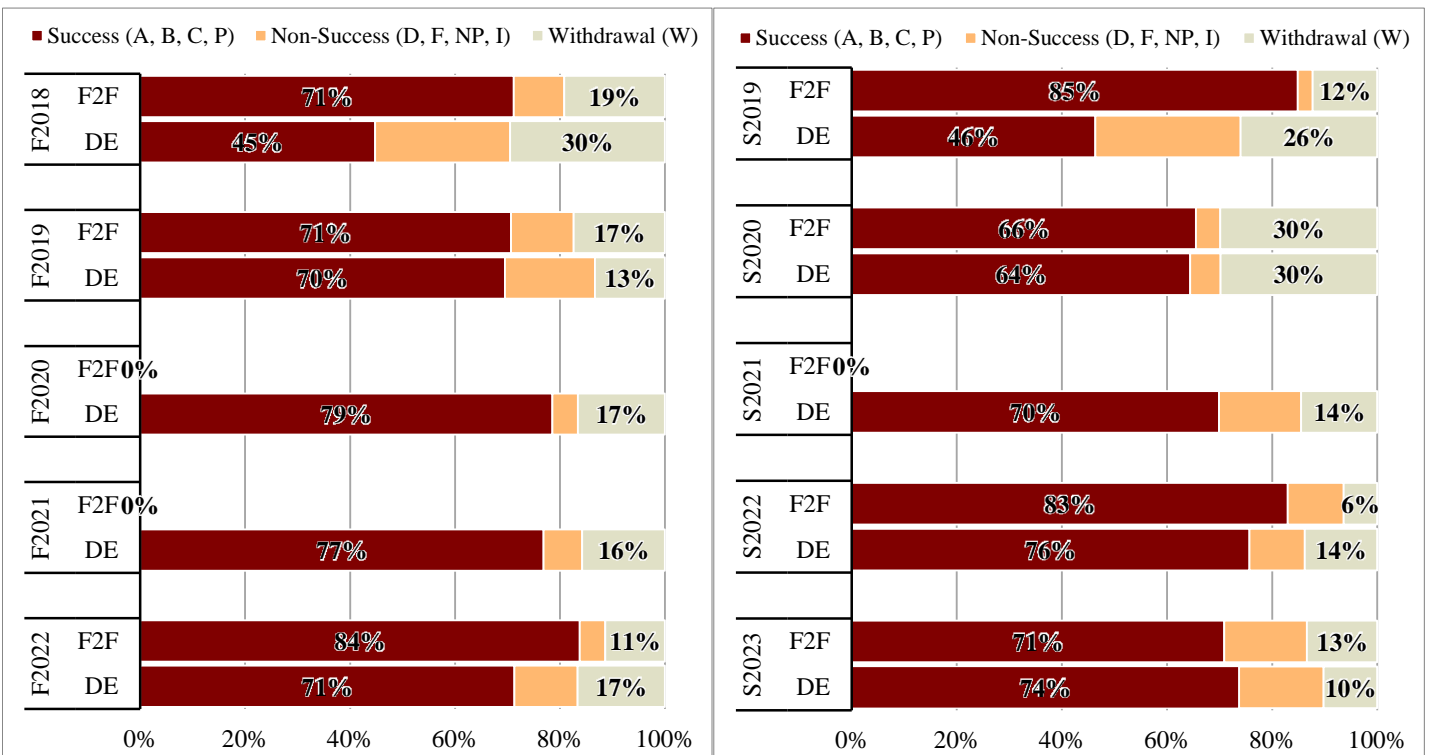
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

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)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Total Course Enrollments	230	197	247	203	231	229	191	256	228	265
Face-to-Face (F2F) Sections	125	92	0	0	123	106	87	0	47	128
Success Rates	71%	71%	—	—	84%	85%	66%	—	83%	71%
Non-Success Rates	10%	12%	—	—	5%	3%	5%	—	11%	16%
Withdrawals	19%	17%	—	—	11%	12%	30%	—	6%	13%
Distance Education (DE) Sections	105	105	247	203	108	123	104	256	181	137
Success Rates	45%	70%	79%	77%	71%	46%	64%	70%	76%	74%
Non-Success Rates	26%	17%	5%	7%	12%	28%	6%	16%	10%	16%
Withdrawals	30%	13%	17%	16%	17%	26%	30%	14%	14%	10%



Definitions:

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

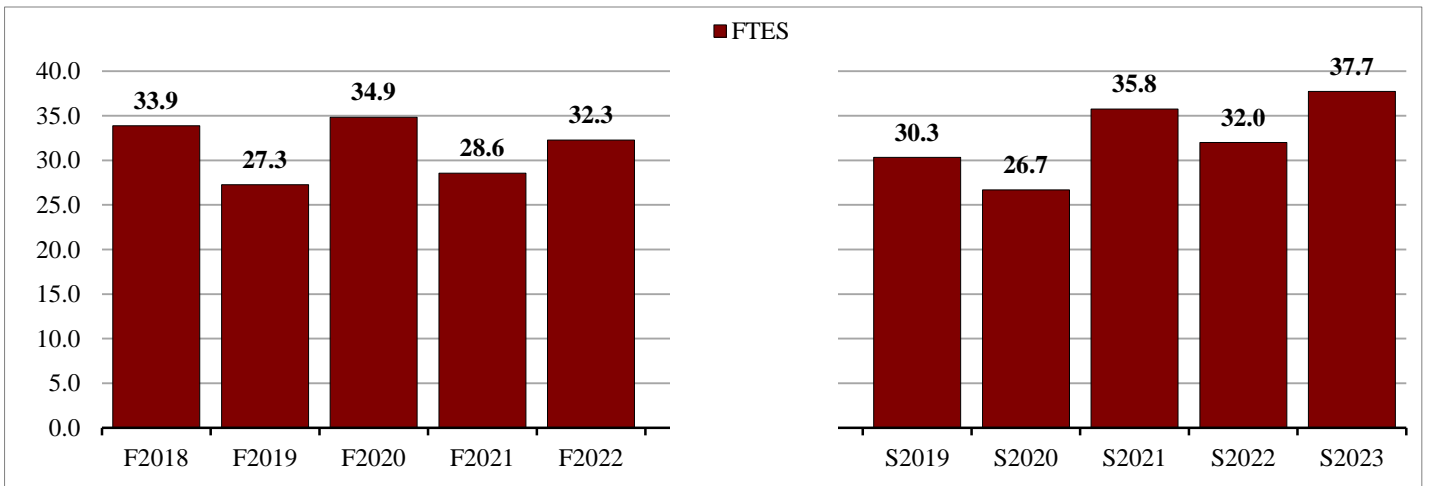
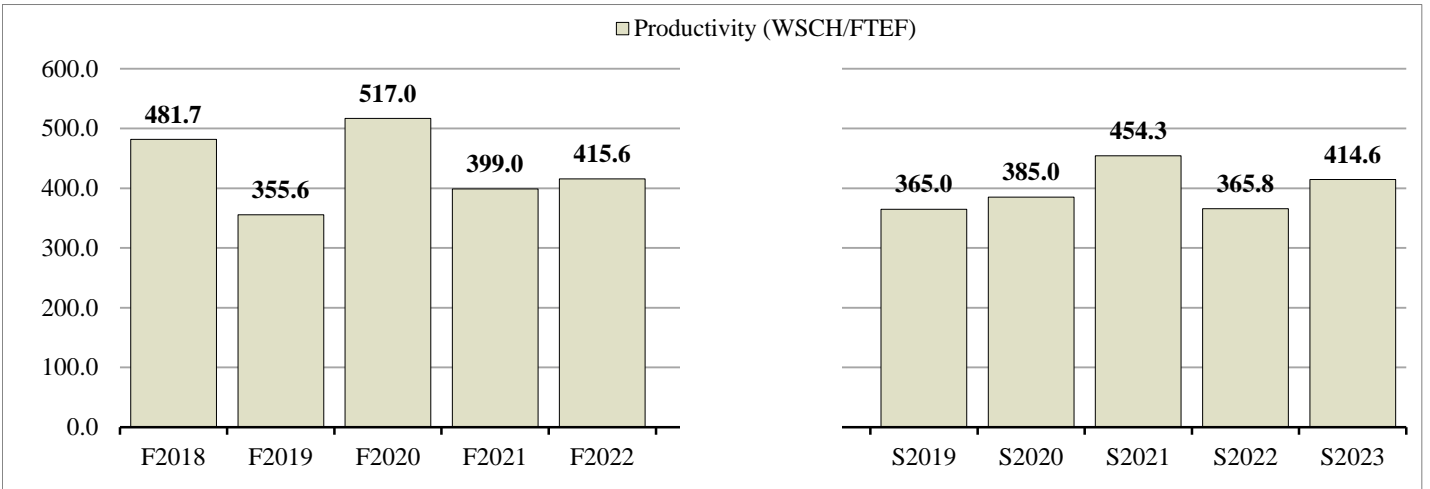
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

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)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
WSCH	1,039	853	1,063	857	1,000	954	830	1,093	965	1,163
FTES	33.9	27.3	34.9	28.6	32.3	30.3	26.7	35.8	32.0	37.7
FTEF	2.2	2.4	2.1	2.1	2.4	2.6	2.2	2.4	2.6	2.8
Productivity (WSCH/FTEF)	481.7	355.6	517.0	399.0	415.6	365.0	385.0	454.3	365.8	414.6



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.

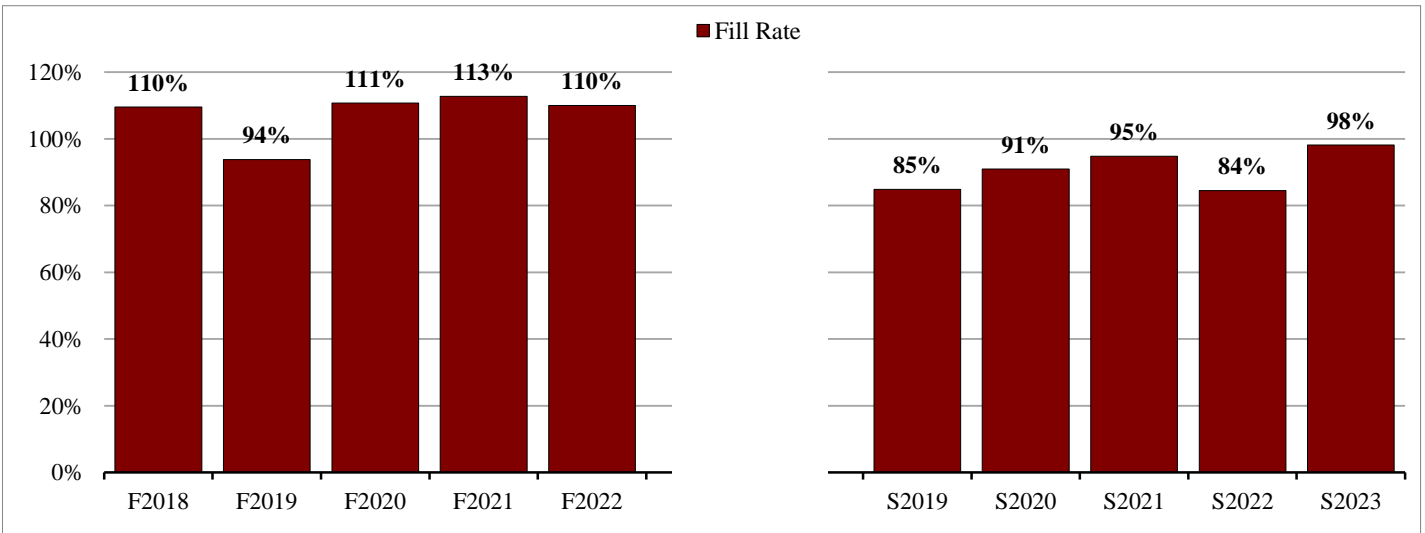
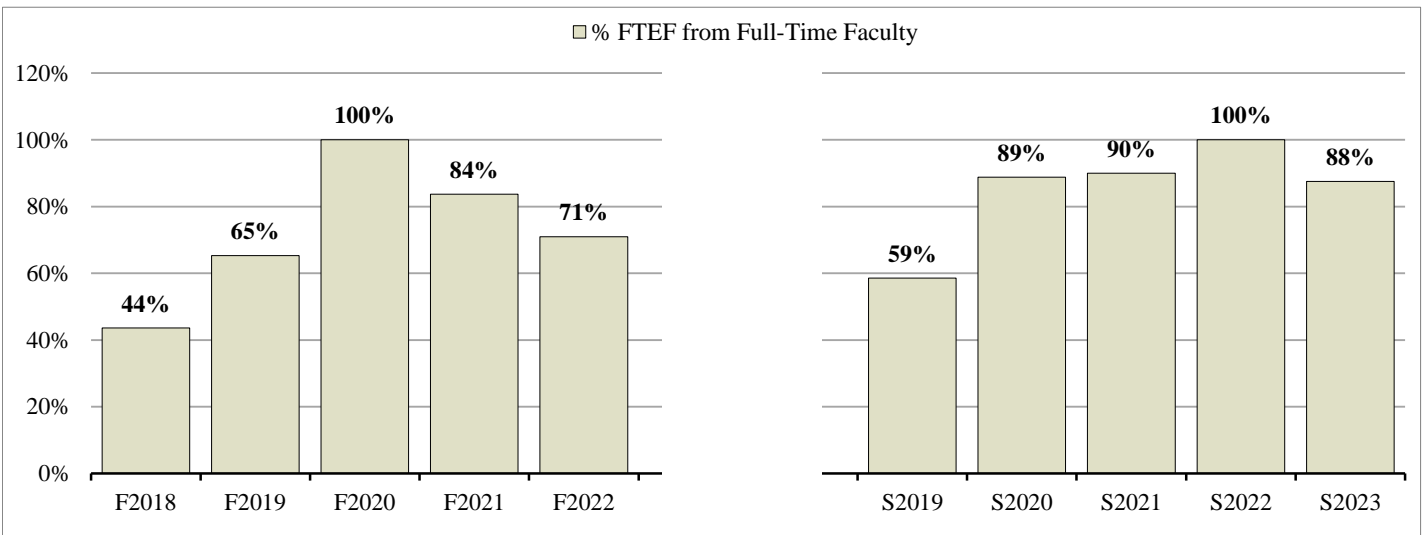
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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 7/25/23.

Enrollment Management: Part 2

Computer Networking Technology (CNT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
FTEF from Full-Time Faculty	0.9	1.6	2.1	1.8	1.7	1.5	1.9	2.2	2.6	2.5
% FTEF from Full-Time Faculty	44%	65%	100%	84%	71%	59%	89%	90%	100%	88%
Enrollments	230	197	247	203	231	229	191	256	228	265
Capacity (seats available)	210	210	223	180	210	270	210	270	270	270
Fill Rate	110%	94%	111%	113%	110%	85%	91%	95%	84%	98%



Definitions:

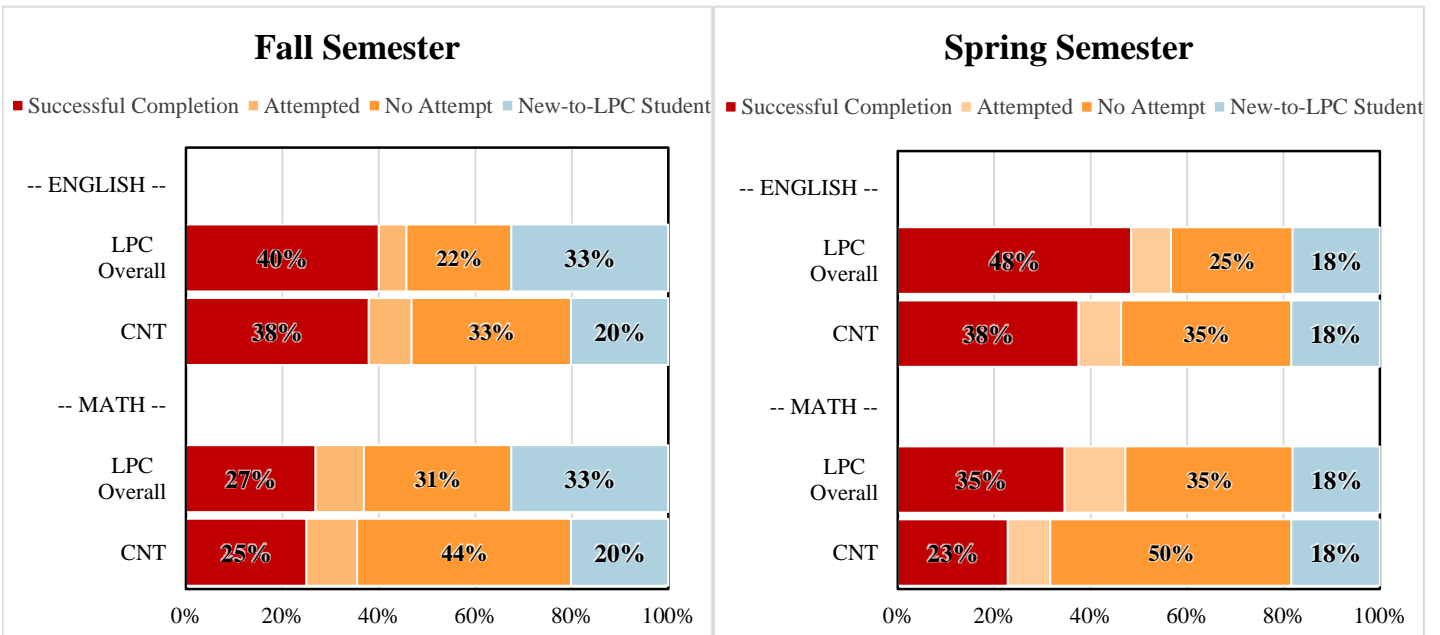
Fill Rate is number of enrollments over the total capacity (seats available).

% 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 7/25/23.

Prior Experience in English & Math

<i>(English and math status prior to the start of the term)</i>	Fall 2022				Spring 2023			
	CNT		LPC Overall		CNT		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
Transfer-level English								
Successful Completion*	47	38%	2,729	40%	51	38%	3,203	48%
Attempted (<i>not successful</i>)	11	9%	391	6%	12	9%	546	8%
No Attempt	41	33%	1,484	22%	48	35%	1,672	25%
New-to-LPC Student	25	20%	2,221	33%	25	18%	1,197	18%
Transfer-level Math								
Successful Completion*	31	25%	1,835	27%	31	23%	2,288	35%
Attempted (<i>not successful</i>)	13	10%	683	10%	12	9%	837	13%
No Attempt	55	44%	2,086	31%	68	50%	2,296	35%
New-to-LPC Student	25	20%	2,221	33%	25	18%	1,197	18%



Definitions:

Transfer-Level English:

- Successful Completion** = earned a passing grade in ENG 1A or 1AEX, or attempted a higher transfer-level course in the sequence in prior terms.
- Attempted (no successful completion)** = attempted ENG 1A or 1AEX in prior terms but did not receive a passing grade.
- No Prior Attempt** = no prior enrollment in transfer-level English within the sequence.
- New LPC Student** = enrollments from students with no for credit enrollments within our district prior to the current term.

Transfer-Level Math:

- Successful Completion** = earned a passing grade in a transfer-level math course or attempted a higher transfer-level course in the sequence in prior terms.
- Attempted (no successful completion)** = attempted an entry transfer-level math course in prior terms but did not receive a passing grade.
- No Prior Attempt** = no prior enrollment in transfer-level math within the sequence.
- New-to-LPC Student** = enrollments from students with no for credit enrollments within our district prior to the current term.