



Las Positas College

**Discipline Program Review Data Packet**

Fall 2018 to Spring 2023

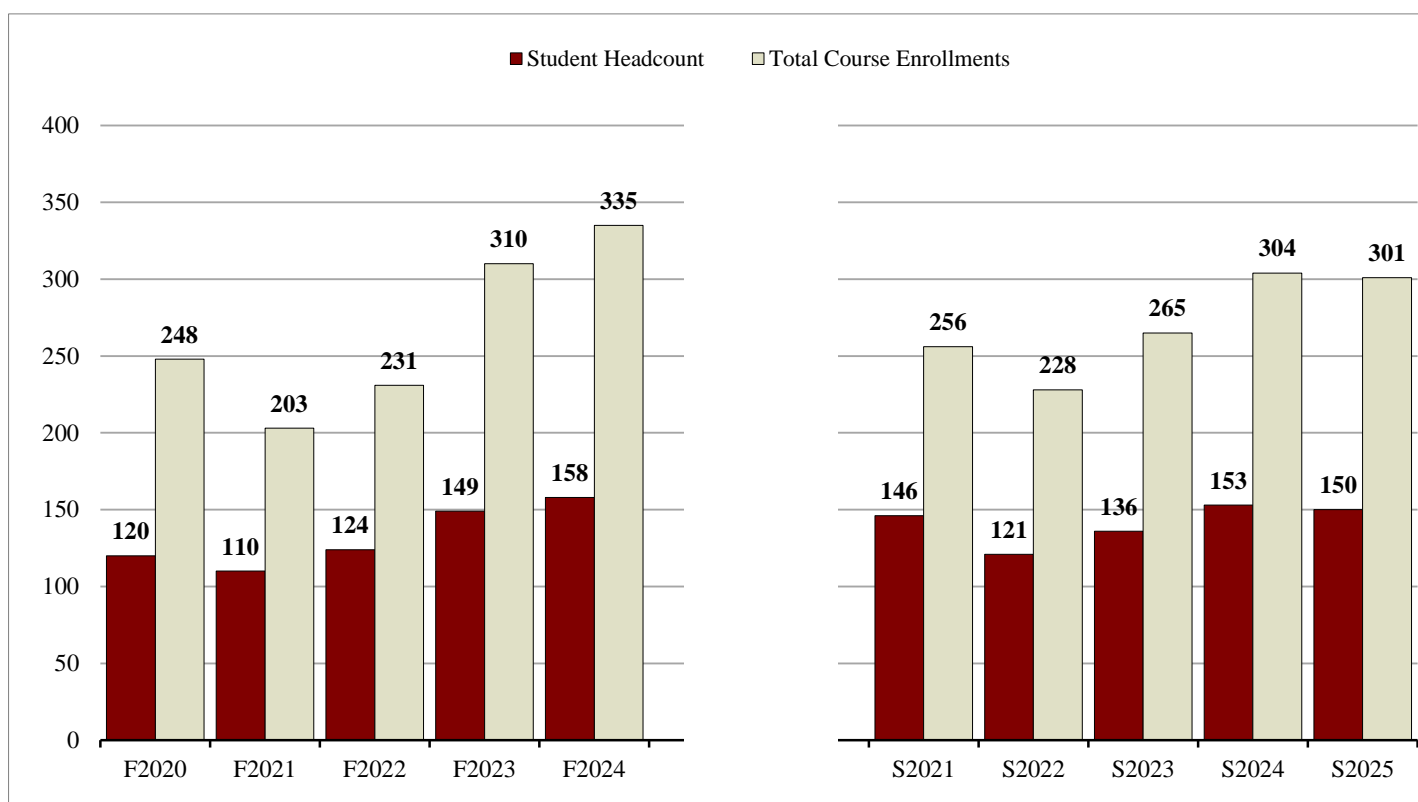
Discipline:

**Computer Networking Technology (CNT)**

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## Headcount & Enrollment

Computer Networking Technology ( CNT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Student Headcount	120	110	124	149	158	146	121	136	153	150
Total Course Enrollments	248	203	231	310	335	256	228	265	304	301



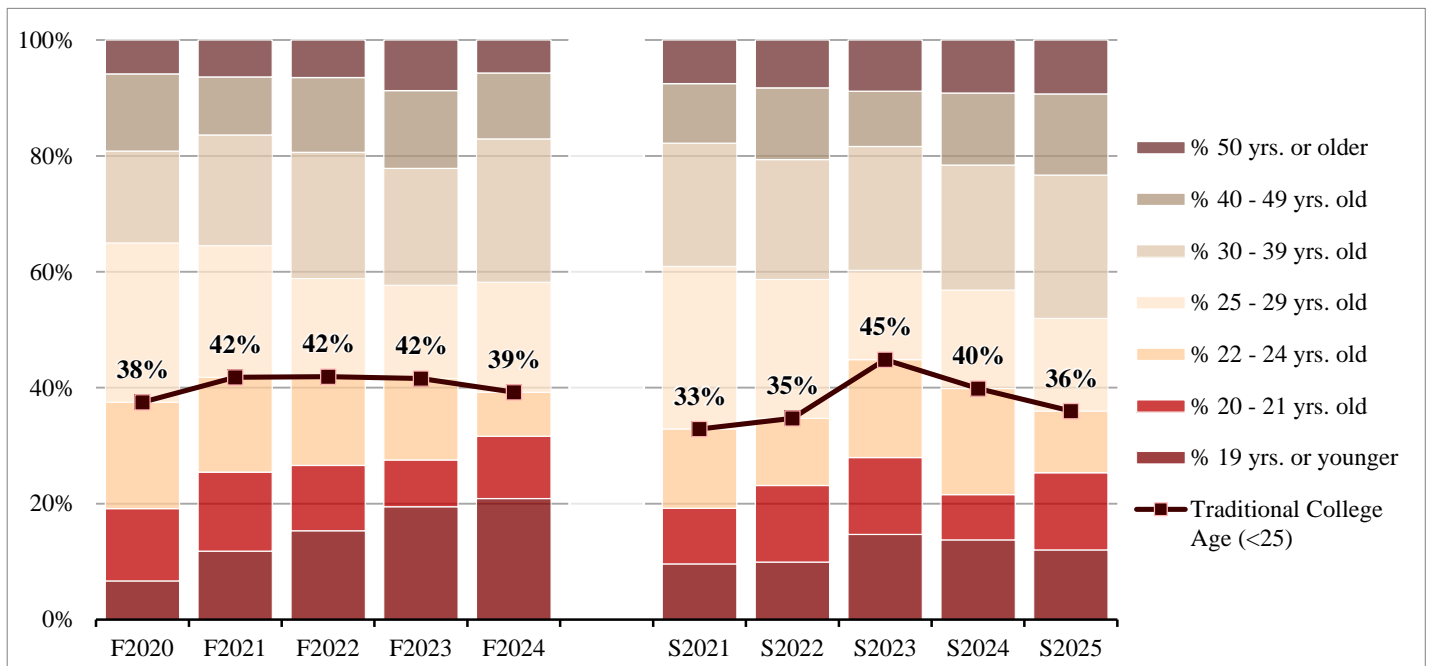
### Definitions:

**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.

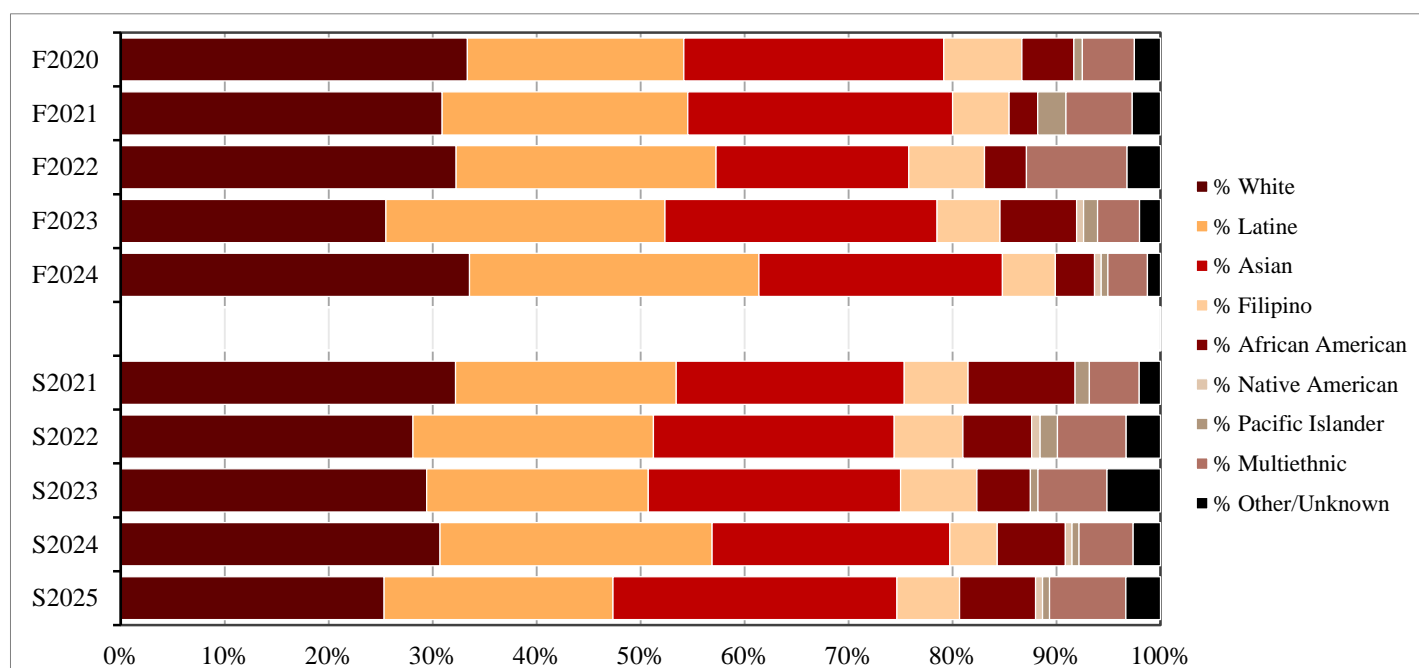
## Student Demographics: Gender & Age

Computer Networking Technology ( CNT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Female	22	20	26	20	26	29	29	21	29	26
Male	96	88	94	123	124	112	88	110	122	124
19 yrs. or younger	8	13	19	29	33	14	12	20	21	18
20-21 yrs. old	15	15	14	12	17	14	16	18	12	20
22-24 yrs. old	22	18	19	21	12	20	14	23	28	16
25-29 yrs. old	33	25	21	24	30	41	29	21	26	24
30-39 yrs. old	19	21	27	30	39	31	25	29	33	37
40-49 yrs. old	16	11	16	20	18	15	15	13	19	21
50 yrs. or older	7	7	8	13	9	11	10	12	14	14
% Female	19%	19%	22%	14%	17%	21%	25%	16%	19%	17%
% Male	81%	81%	78%	86%	83%	79%	75%	84%	81%	83%
% 19 yrs. or younger	7%	12%	15%	19%	21%	10%	10%	15%	14%	12%
% 20 - 21 yrs. old	13%	14%	11%	8%	11%	10%	13%	13%	8%	13%
% 22 - 24 yrs. old	18%	16%	15%	14%	8%	14%	12%	17%	18%	11%
% 25 - 29 yrs. old	28%	23%	17%	16%	19%	28%	24%	15%	17%	16%
% 30 - 39 yrs. old	16%	19%	22%	20%	25%	21%	21%	21%	22%	25%
% 40 - 49 yrs. old	13%	10%	13%	13%	11%	10%	12%	10%	12%	14%
% 50 yrs. or older	6%	6%	6%	9%	6%	8%	8%	9%	9%	9%



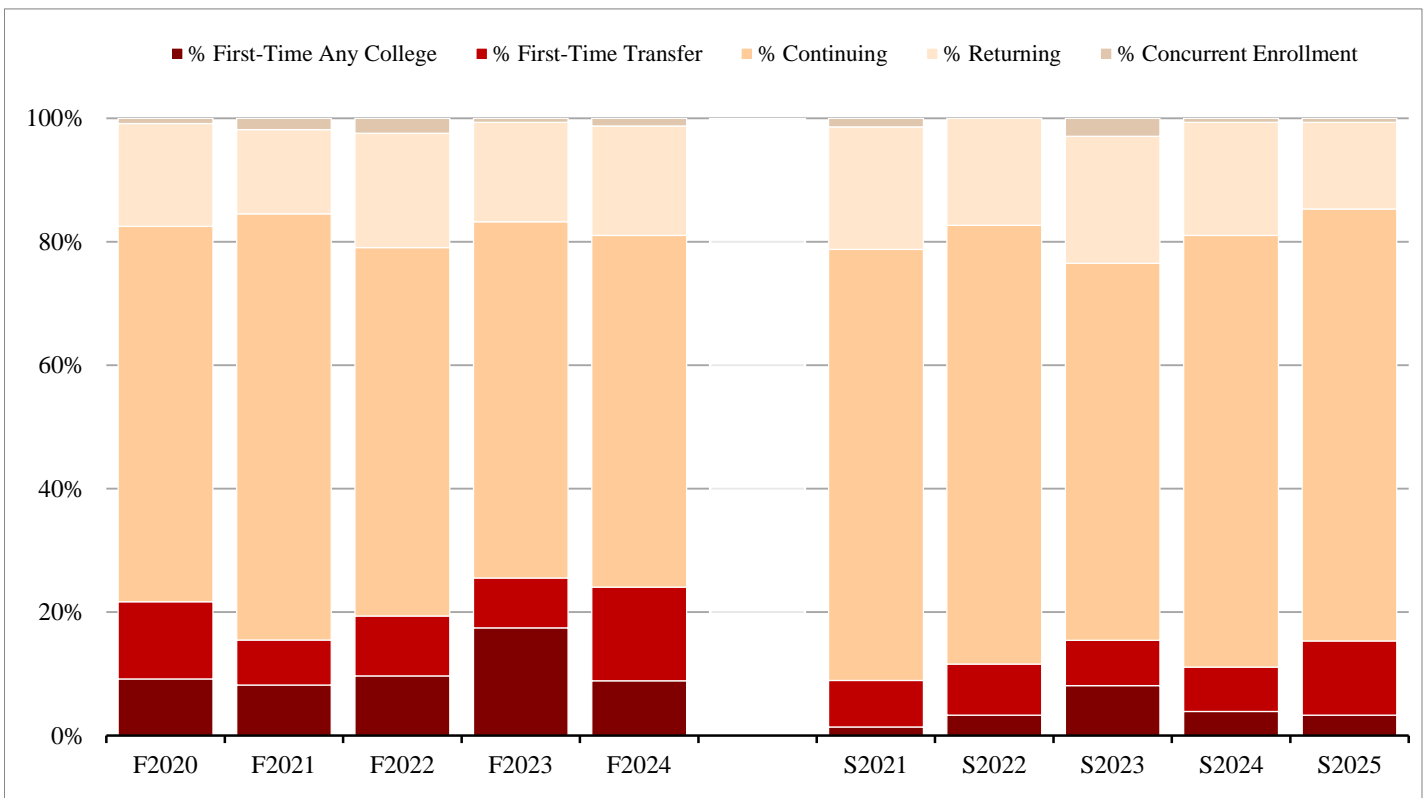
# Student Demographic: Race-Ethnicity

Computer Networking Technology ( CNT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
African American	6	3	5	11	6	15	8	7	10	11
Asian	30	28	23	39	37	32	28	33	35	41
Filipino	9	6	9	9	8	9	8	10	7	9
Latine	25	26	31	40	44	31	28	29	40	33
Native American	0	0	0	1	1	0	1	0	1	1
Pacific Islander	1	3	0	2	1	2	2	1	1	1
White	40	34	40	38	53	47	34	40	47	38
Multiethnic	6	7	12	6	6	7	8	9	8	11
Other/Unknown	3	3	4	3	2	3	4	7	4	5
% African American	5%	3%	4%	7%	4%	10%	7%	5%	7%	7%
% Asian	25%	25%	19%	26%	23%	22%	23%	24%	23%	27%
% Filipino	8%	5%	7%	6%	5%	6%	7%	7%	5%	6%
% Latine	21%	24%	25%	27%	28%	21%	23%	21%	26%	22%
% Native American	0%	0%	0%	1%	1%	0%	1%	0%	1%	1%
% Pacific Islander	1%	3%	0%	1%	1%	1%	2%	1%	1%	1%
% White	33%	31%	32%	26%	34%	32%	28%	29%	31%	25%
% Multiethnic	5%	6%	10%	4%	4%	5%	7%	7%	5%	7%
% Other/Unknown	3%	3%	3%	2%	1%	2%	3%	5%	3%	3%



## Student Enrollment Status

Computer Networking Technology ( CNT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
First-Time Any College	11	9	12	26	14	2	4	11	6	5
First-Time Transfer	15	8	12	12	24	11	10	10	11	18
Continuing	73	76	74	86	90	102	86	83	107	105
Returning	20	15	23	24	28	29	21	28	28	21
Concurrent Enrollment	1	2	3	1	2	2	0	4	1	1
% First-Time Any College	9%	8%	10%	17%	9%	1%	3%	8%	4%	3%
% First-Time Transfer	13%	7%	10%	8%	15%	8%	8%	7%	7%	12%
% Continuing	61%	69%	60%	58%	57%	70%	71%	61%	70%	70%
% Returning	17%	14%	19%	16%	18%	20%	17%	21%	18%	14%
% Concurrent Enrollment	1%	2%	2%	1%	1%	1%	0%	3%	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.

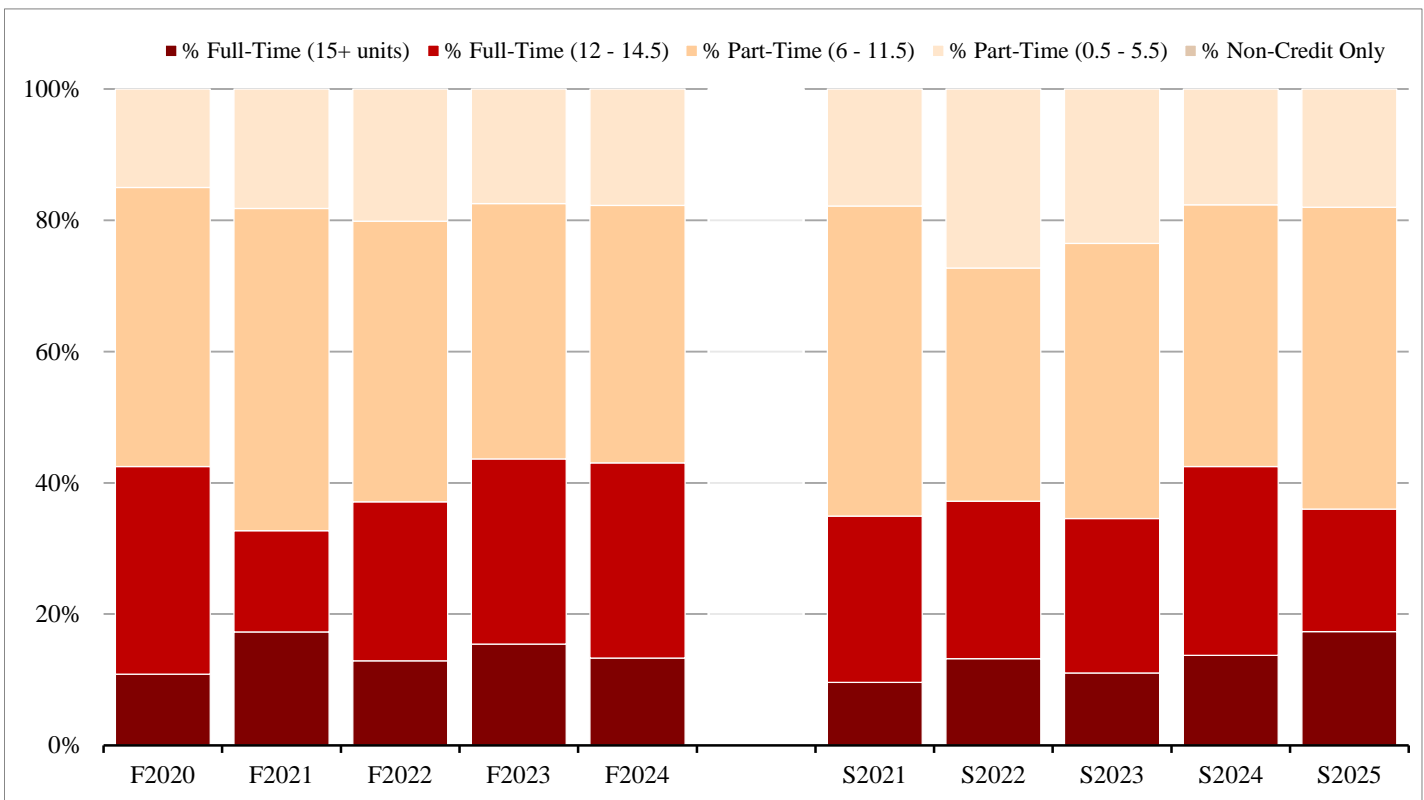
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

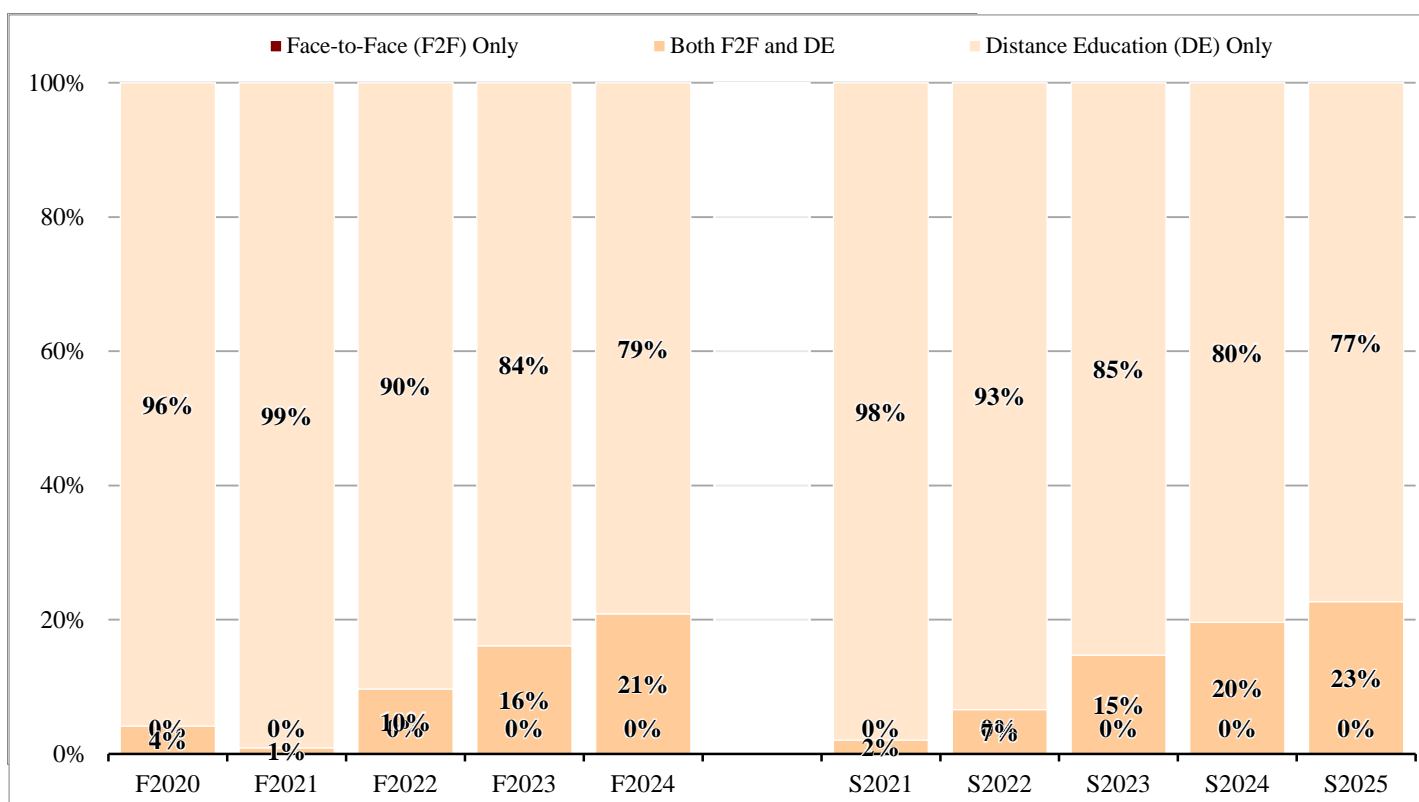
## Student Unit Load

Computer Networking Technology ( CNT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Full-Time (15+ units)	13	19	16	23	21	14	16	15	21	26
Full-Time (12 - 14.5 units)	38	17	30	42	47	37	29	32	44	28
Part-Time (6 - 11.5 units)	51	54	53	58	62	69	43	57	61	69
Part-Time (0.5 - 5.5 units)	18	20	25	26	28	26	33	32	27	27
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	11%	17%	13%	15%	13%	10%	13%	11%	14%	17%
% Full-Time (12 - 14.5)	32%	15%	24%	28%	30%	25%	24%	24%	29%	19%
% Part-Time (6 - 11.5)	43%	49%	43%	39%	39%	47%	36%	42%	40%	46%
% Part-Time (0.5 - 5.5)	15%	18%	20%	17%	18%	18%	27%	24%	18%	18%
% Non-Credit Only	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



## Students Using Distance Education

Computer Networking Technology ( CNT )										
<i>(Categories reflect college-wide coursework)</i>	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Face-to-Face (F2F) Only	0	0	0	0	0	0	0	0	0	0
Both F2F and DE	5	1	12	24	33	3	8	20	30	34
Distance Education (DE) Only	115	109	112	125	125	143	113	116	123	116
% Face-to-Face (F2F) Only	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
% Both F2F and DE	4%	1%	10%	16%	21%	2%	7%	15%	20%	23%
% Distance Education (DE) Only	96%	99%	90%	84%	79%	98%	93%	85%	80%	77%



### Definitions:

**Distance Education (DE)** includes enrollments in course sections that deliver course content online. Courses are categorized using the following methods:

Prior to Summer 2020, via section numbers (i.e., start with 'DE', 'HD', 'LD' and 'LO'); courses with 51% of content delivered online.

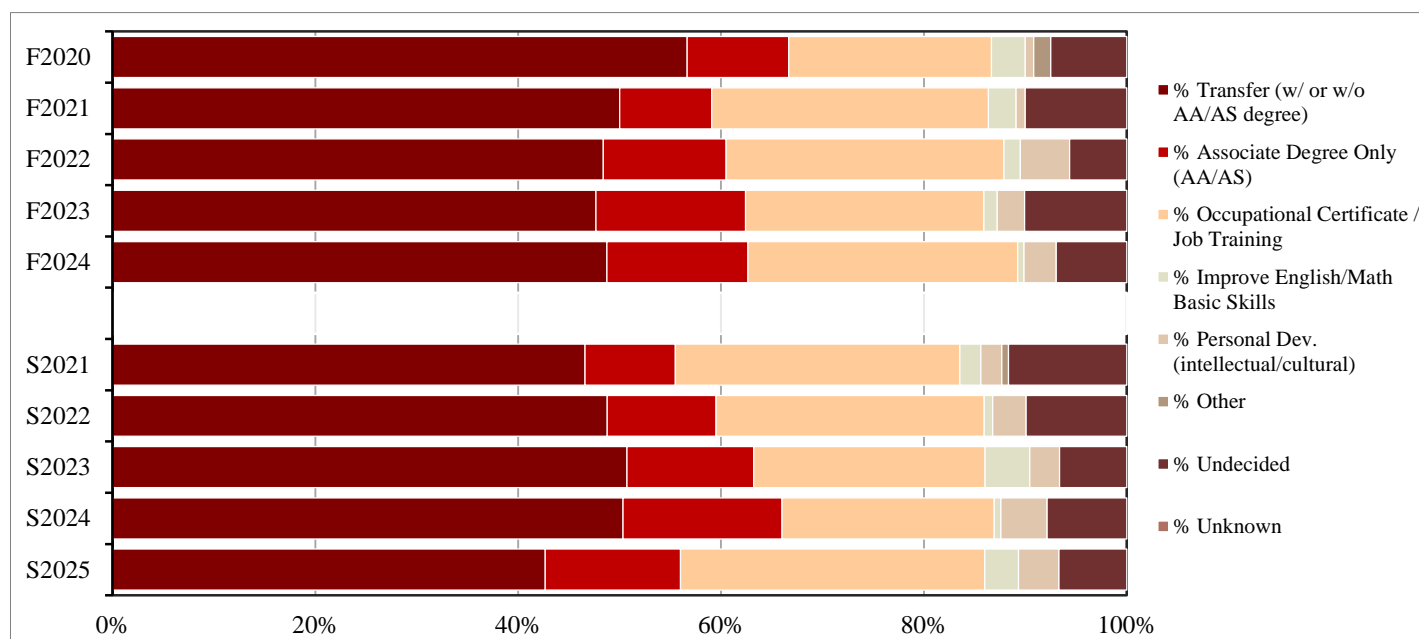
In Summer 2020 and Fall 2020, due to the COVID-19 pandemic, via web comments for each section; identified as any with an online component.

In Spring 2021 and Summer 2021, via section numbers (i.e., 'A##', 'S##', 'B##', 'H##', 'HF#').

Since Fall 2021 to present, via course attributes identifying course modality, or, when no attributes are provided, via section numbers (as previously indicated).

## Student Educational Goal

Computer Networking Technology ( CNT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Transfer (w/ or w/o AA/AS degree)	68	55	60	71	77	68	59	69	77	64
Associate Degree Only (AA/AS)	12	10	15	22	22	13	13	17	24	20
Occupational Certificate / Job Training	24	30	34	35	42	41	32	31	32	45
Improve English/Math Basic Skills	4	3	2	2	1	3	1	6	1	5
Personal Development (intellectual/cultural)	1	1	6	4	5	3	4	4	7	6
Other	2	0	0	0	0	1	0	0	0	0
Undecided	9	11	7	15	11	17	12	9	12	10
Unknown	0	0	0	0	0	0	0	0	0	0
% Transfer (w/ or w/o AA/AS degree)	57%	50%	48%	48%	49%	47%	49%	51%	50%	43%
% Associate Degree Only (AA/AS)	10%	9%	12%	15%	14%	9%	11%	13%	16%	13%
% Occupational Certificate / Job Training	20%	27%	27%	23%	27%	28%	26%	23%	21%	30%
% Improve English/Math Basic Skills	3%	3%	2%	1%	1%	2%	1%	4%	1%	3%
% Personal Dev. (intellectual/cultural)	1%	1%	5%	3%	3%	2%	3%	3%	5%	4%
% Other	2%	0%	0%	0%	0%	1%	0%	0%	0%	0%
% Undecided	8%	10%	6%	10%	7%	12%	10%	7%	8%	7%
% Unknown	0%	0%	0%	0%	0%	0%	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.

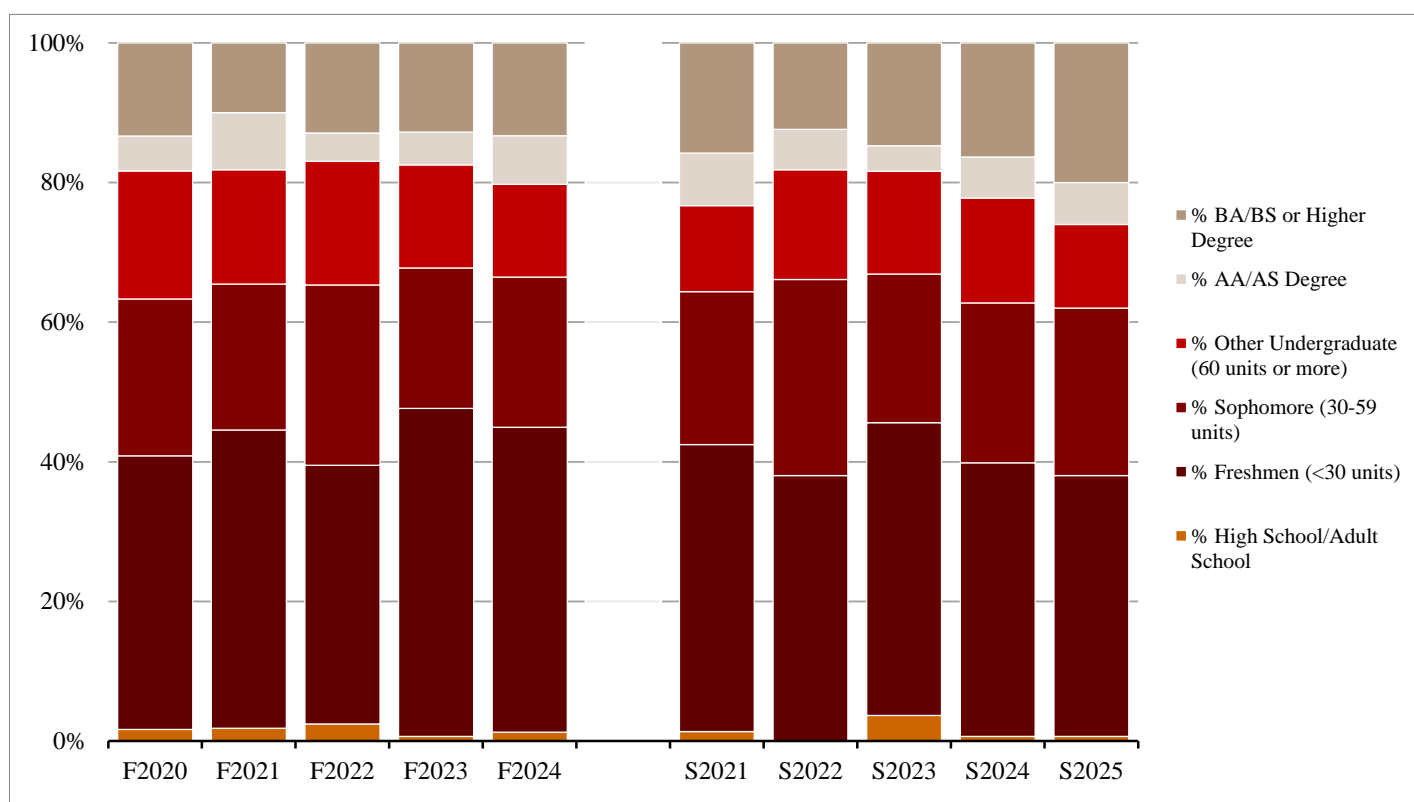
**Personal Development:** Students taking courses for intellectual and/or cultural development.

**Other:** Students completing diploma/GED requirements or moving from non-credit to credit courses. Data from admission application.



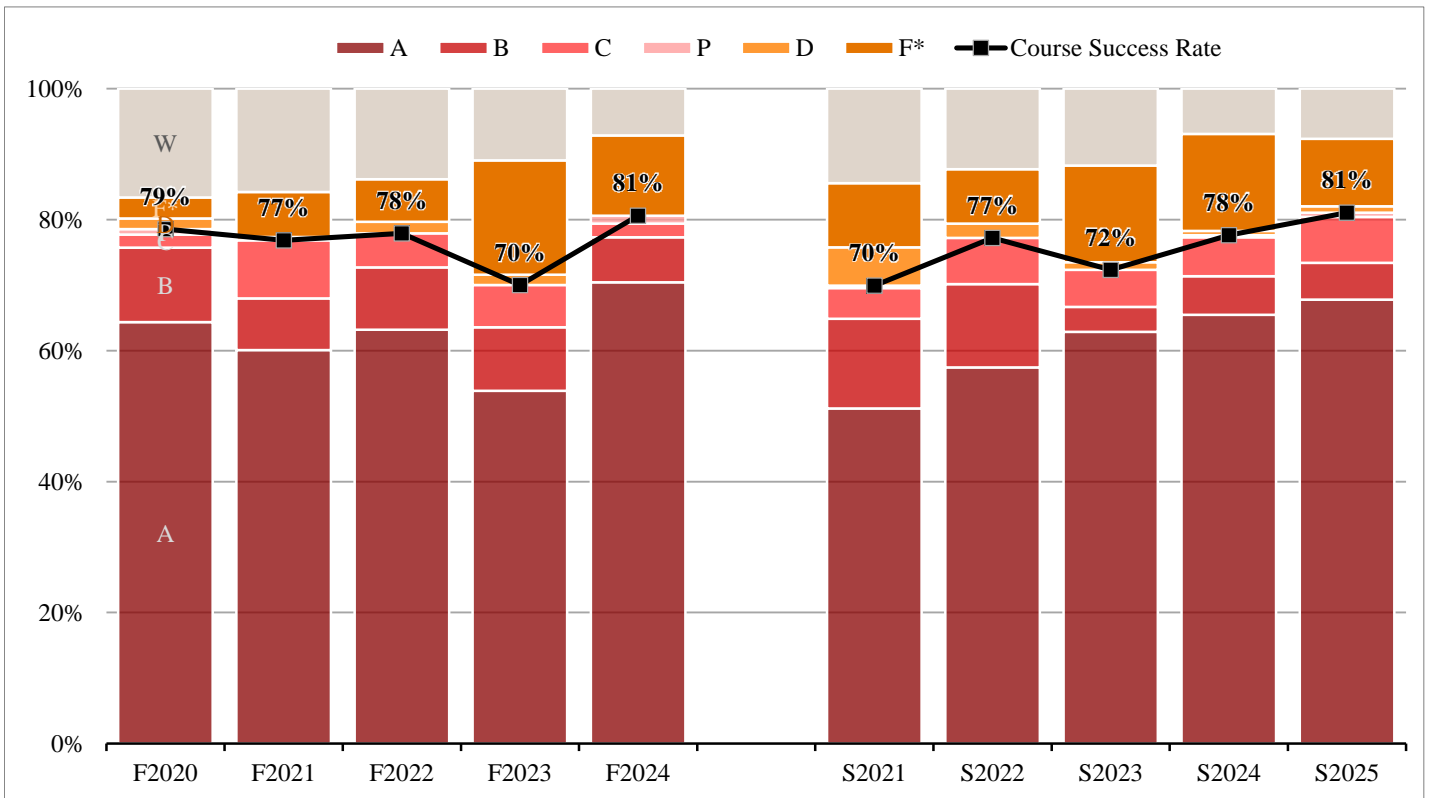
## Highest Educational Level of Students

Computer Networking Technology ( CNT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
High School/Adult School	2	2	3	1	2	2	0	5	1	1
Freshmen (<30 units)	47	47	46	70	69	60	46	57	60	56
Sophomore (30-59 units)	27	23	32	30	34	32	34	29	35	36
Other Undergraduate (60 units or more)	22	18	22	22	21	18	19	20	23	18
AA/AS Degree	6	9	5	7	11	11	7	5	9	9
BA/BS or Higher Degree	16	11	16	19	21	23	15	20	25	30
% High School/Adult School	2%	2%	2%	1%	1%	1%	0%	4%	1%	1%
% Freshmen (<30 units)	39%	43%	37%	47%	44%	41%	38%	42%	39%	37%
% Sophomore (30-59 units)	23%	21%	26%	20%	22%	22%	28%	21%	23%	24%
% Other Undergraduate (60 units or more)	18%	16%	18%	15%	13%	12%	16%	15%	15%	12%
% AA/AS Degree	5%	8%	4%	5%	7%	8%	6%	4%	6%	6%
% BA/BS or Higher Degree	13%	10%	13%	13%	13%	16%	12%	15%	16%	20%



## Student Performance: Grade Distribution

Computer Networking Technology ( CNT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
<b>Total Course Enrollments</b>	<b>248</b>	<b>203</b>	<b>231</b>	<b>310</b>	<b>335</b>	<b>256</b>	<b>228</b>	<b>265</b>	<b>304</b>	<b>301</b>
<b>Course Success Rates</b>	<b>79%</b>	<b>77%</b>	<b>78%</b>	<b>70%</b>	<b>81%</b>	<b>70%</b>	<b>77%</b>	<b>72%</b>	<b>78%</b>	<b>81%</b>
A	64%	60%	63%	54%	70%	51%	57%	63%	65%	68%
B	11%	8%	10%	10%	7%	14%	13%	4%	6%	6%
C	2%	9%	5%	6%	2%	5%	7%	6%	6%	7%
P	1%	0%	0%	0%	1%	<1%	0%	0%	<1%	1%
<b>Course Non-Success Rate</b>	<b>5%</b>	<b>7%</b>	<b>8%</b>	<b>19%</b>	<b>12%</b>	<b>16%</b>	<b>11%</b>	<b>16%</b>	<b>15%</b>	<b>11%</b>
D	2%	0%	2%	2%	0%	6%	2%	1%	1%	1%
F*	3%	7%	6%	17%	12%	10%	8%	15%	15%	10%
<b>Withdrawals (See Note)</b>	<b>17%</b>	<b>16%</b>	<b>14%</b>	<b>11%</b>	<b>7%</b>	<b>14%</b>	<b>12%</b>	<b>12%</b>	<b>7%</b>	<b>8%</b>



### Definitions:

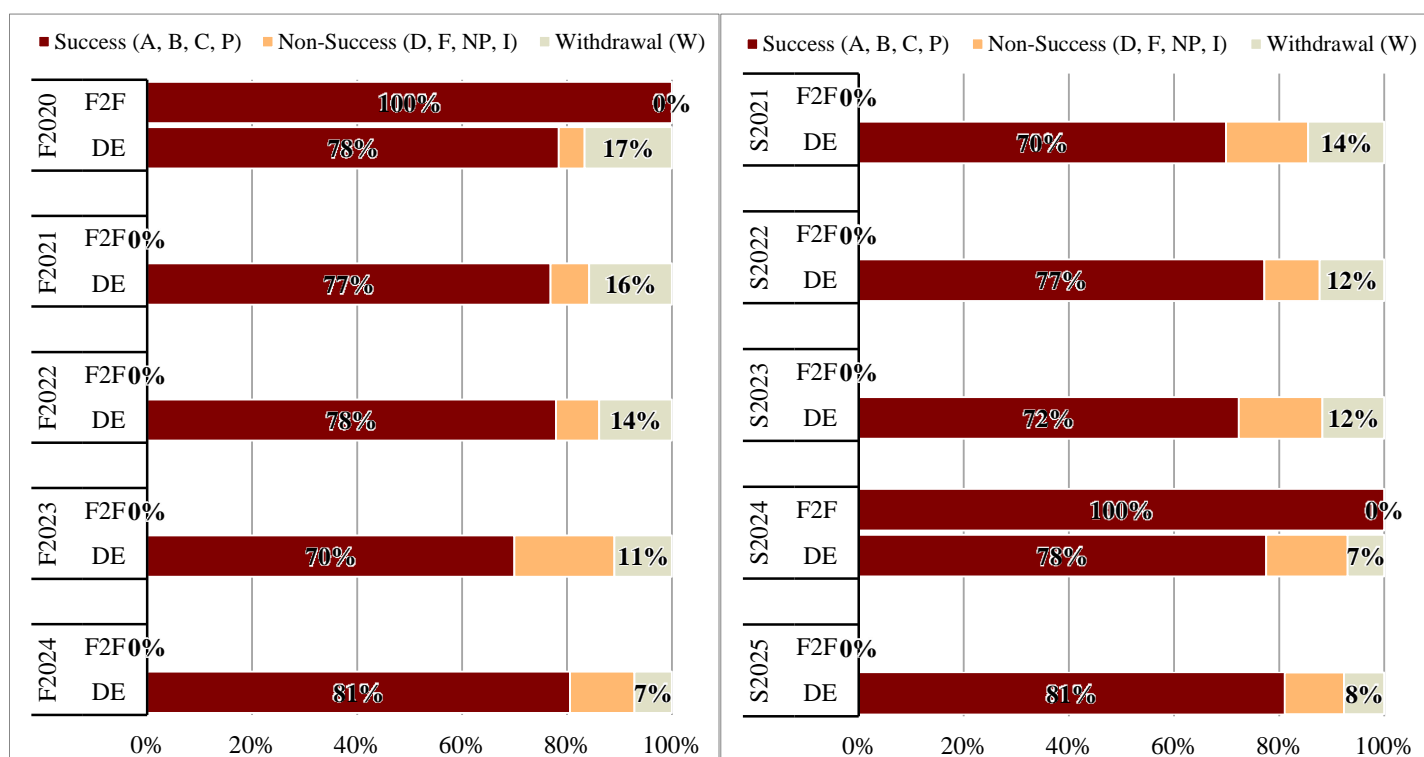
**Course Success Rate:** Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

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

## Student Performance: Distance Education

Computer Networking Technology ( CNT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
<b>Total Course Enrollments</b>	<b>248</b>	<b>203</b>	<b>231</b>	<b>310</b>	<b>335</b>	<b>256</b>	<b>228</b>	<b>265</b>	<b>304</b>	<b>301</b>
<b>Face-to-Face (F2F) Sections</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
Success Rates	100%	—	—	—	—	—	—	—	100%	—
Non-Success Rates	0%	—	—	—	—	—	—	—	0%	—
Withdrawals	0%	—	—	—	—	—	—	—	0%	—
<b>Distance Education (DE) Sections</b>	<b>247</b>	<b>203</b>	<b>231</b>	<b>310</b>	<b>335</b>	<b>256</b>	<b>228</b>	<b>265</b>	<b>303</b>	<b>301</b>
Success Rates	78%	77%	78%	70%	81%	70%	77%	72%	78%	81%
Non-Success Rates	5%	7%	8%	19%	12%	16%	11%	16%	16%	11%
Withdrawals	17%	16%	14%	11%	7%	14%	12%	12%	7%	8%



### Definitions:

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

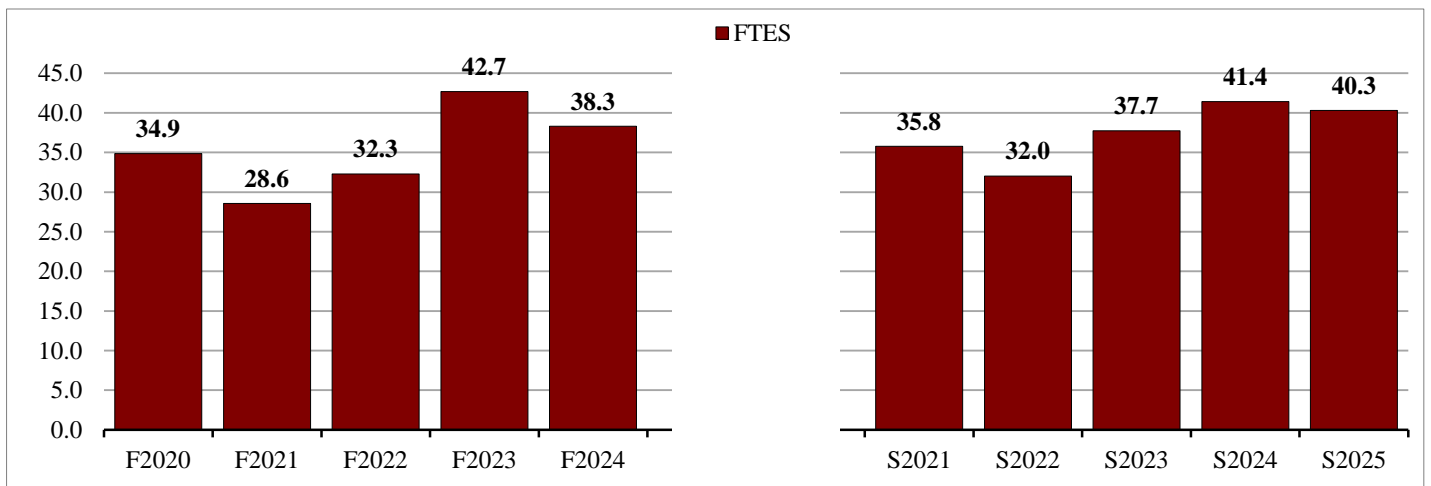
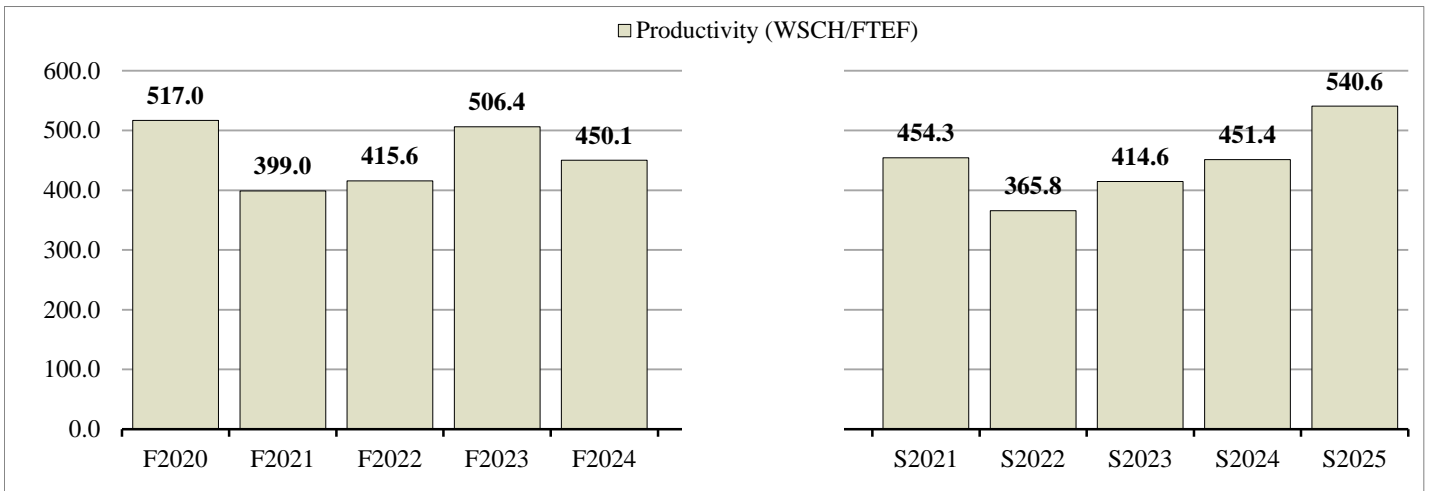
**Course Non-Success Rate:** Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

**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 deliver course content online. (see note in "Students Using Distance Education" for details.)

## Enrollment Management: Part 1

Computer Networking Technology ( CNT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
WSCH	1,063	857	1,000	1,303	1,158	1,093	965	1,163	1,281	1,246
FTES	34.9	28.6	32.3	42.7	38.3	35.8	32.0	37.7	41.4	40.3
FTEF	2.1	2.1	2.4	2.6	2.6	2.4	2.6	2.8	2.8	2.3
Productivity (WSCH/FTEF)	517.0	399.0	415.6	506.4	450.1	454.3	365.8	414.6	451.4	540.6



### 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.

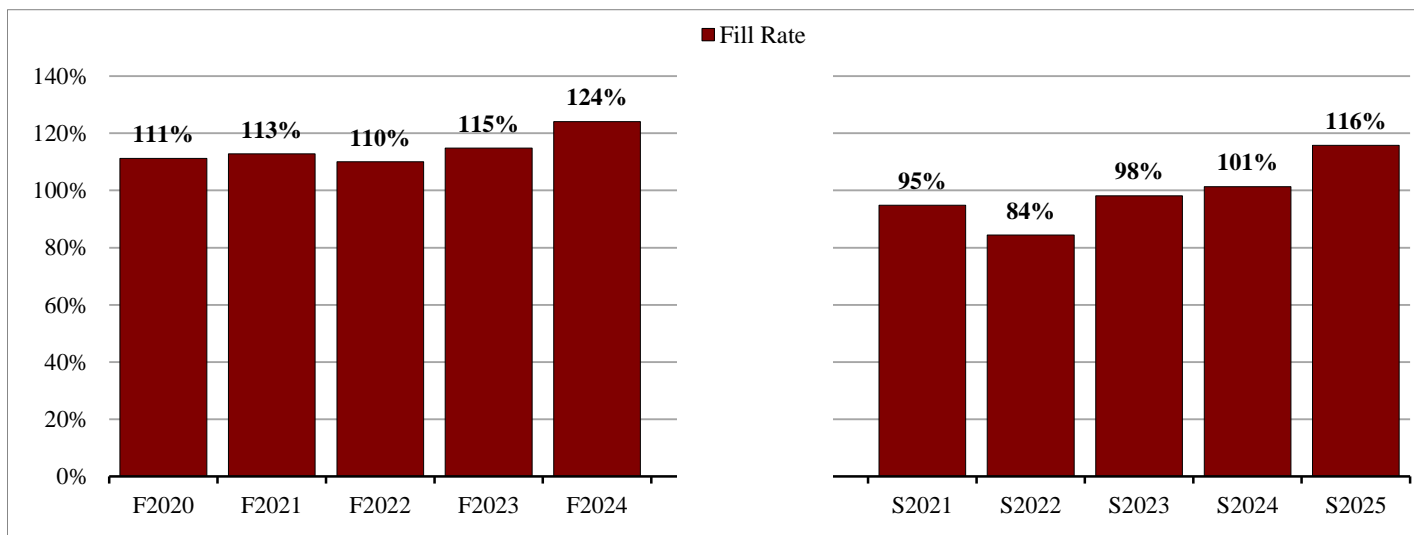
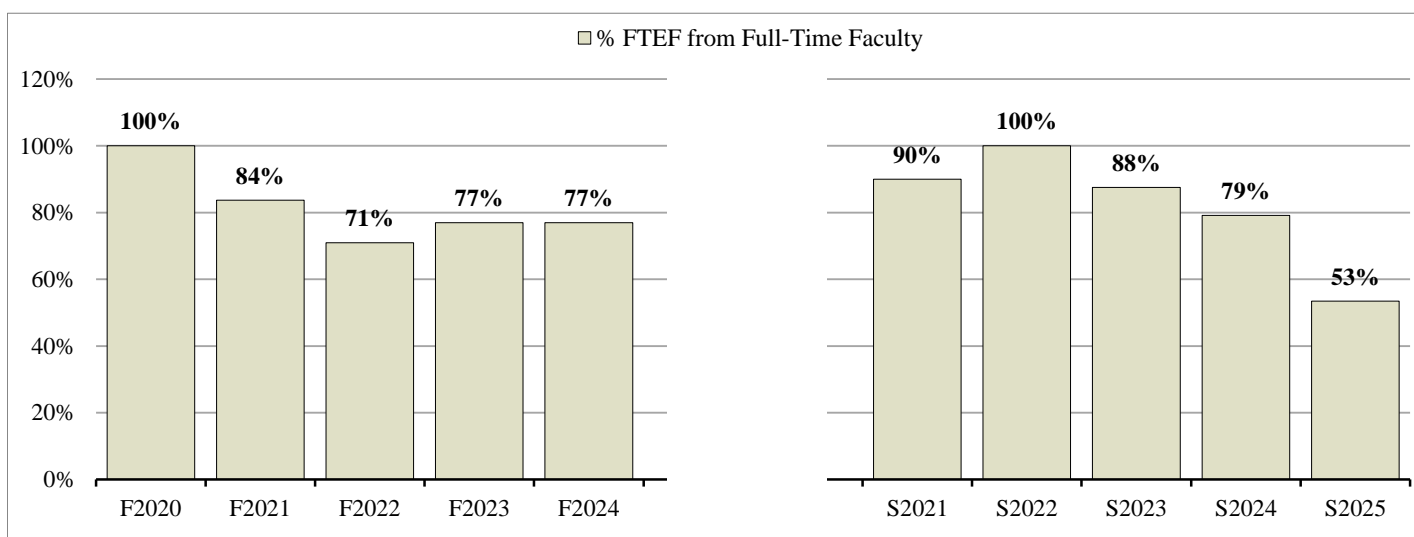
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**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				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
FTEF from Full-Time Faculty	2.1	1.8	1.7	2.0	2.0	2.2	2.6	2.5	2.2	1.2
% FTEF from Full-Time Faculty	100%	84%	71%	77%	77%	90%	100%	88%	79%	53%
Enrollments	248	203	231	310	335	256	228	265	304	301
Capacity (seats available)	223	180	210	270	270	270	270	270	300	260
Fill Rate	111%	113%	110%	115%	124%	95%	84%	98%	101%	116%



### Definitions:

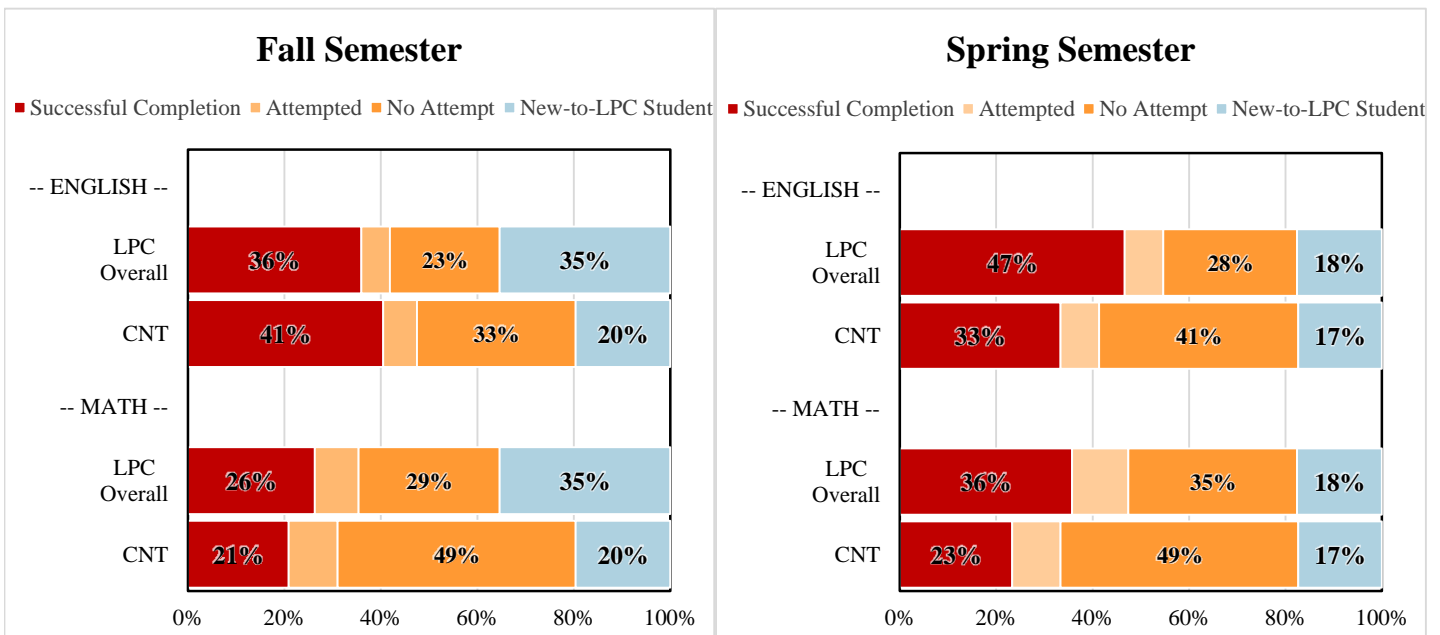
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% 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

(English and math status prior to the start of the term)	Fall 2024				Spring 2025			
	CNT		LPC Overall		CNT		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
<b>Transfer-level English</b>								
Successful Completion*	64	41%	2,993	36%	50	33%	3,734	47%
Attempted (not successful)	11	7%	492	6%	12	8%	641	8%
No Attempt	52	33%	1,892	23%	62	41%	2,223	28%
New-to-LPC Student	31	20%	2,946	35%	26	17%	1,409	18%
<b>Transfer-level Math</b>								
Successful Completion*	33	21%	2,189	26%	35	23%	2,859	36%
Attempted (not successful)	16	10%	757	9%	15	10%	935	12%
No Attempt	78	49%	2,431	29%	74	49%	2,804	35%
New-to-LPC Student	31	20%	2,946	35%	26	17%	1,409	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-to-LPC Student** = 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 a 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** = students with no for credit enrollments within our district prior to the current term.