



Las Positas College  
**Discipline Program Review Data Packet**  
Fall 2019 to Spring 2024

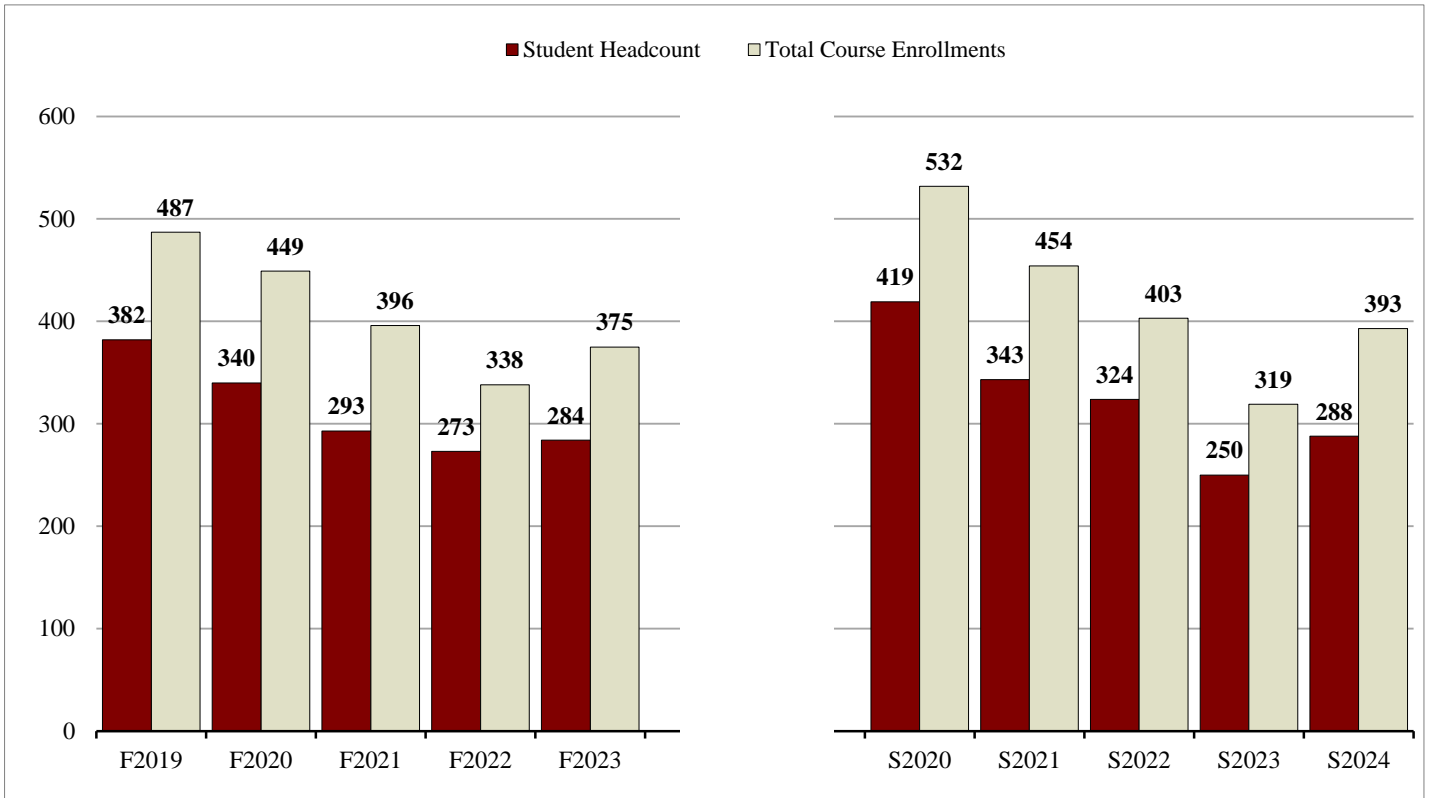
Discipline:

**Computer Information Systems (includes Non-Credit) (CIS/NCIS)**

<b><u>TABLE OF CONTENTS</u></b>	<b><u>PAGE</u></b>
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 Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Student Headcount	382	340	293	273	284	419	343	324	250	288
Total Course Enrollments	487	449	396	338	375	532	454	403	319	393



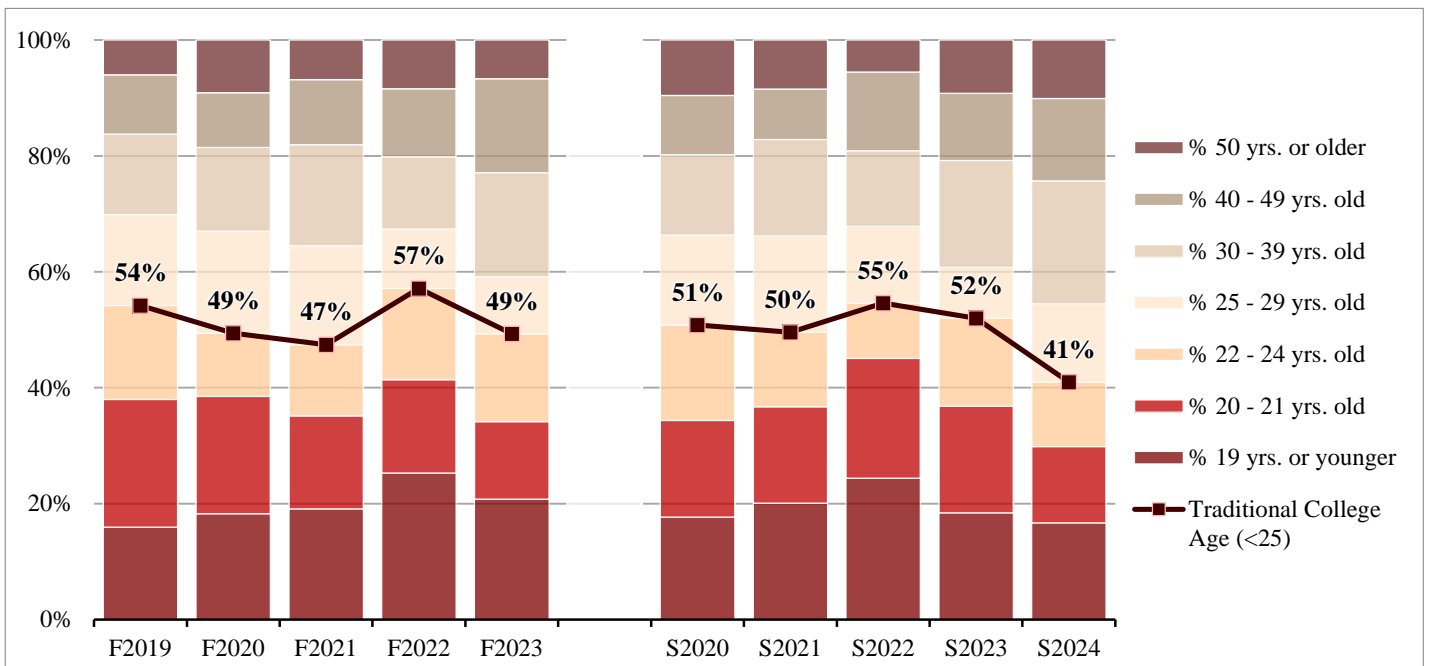
**Definitions:**

**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.

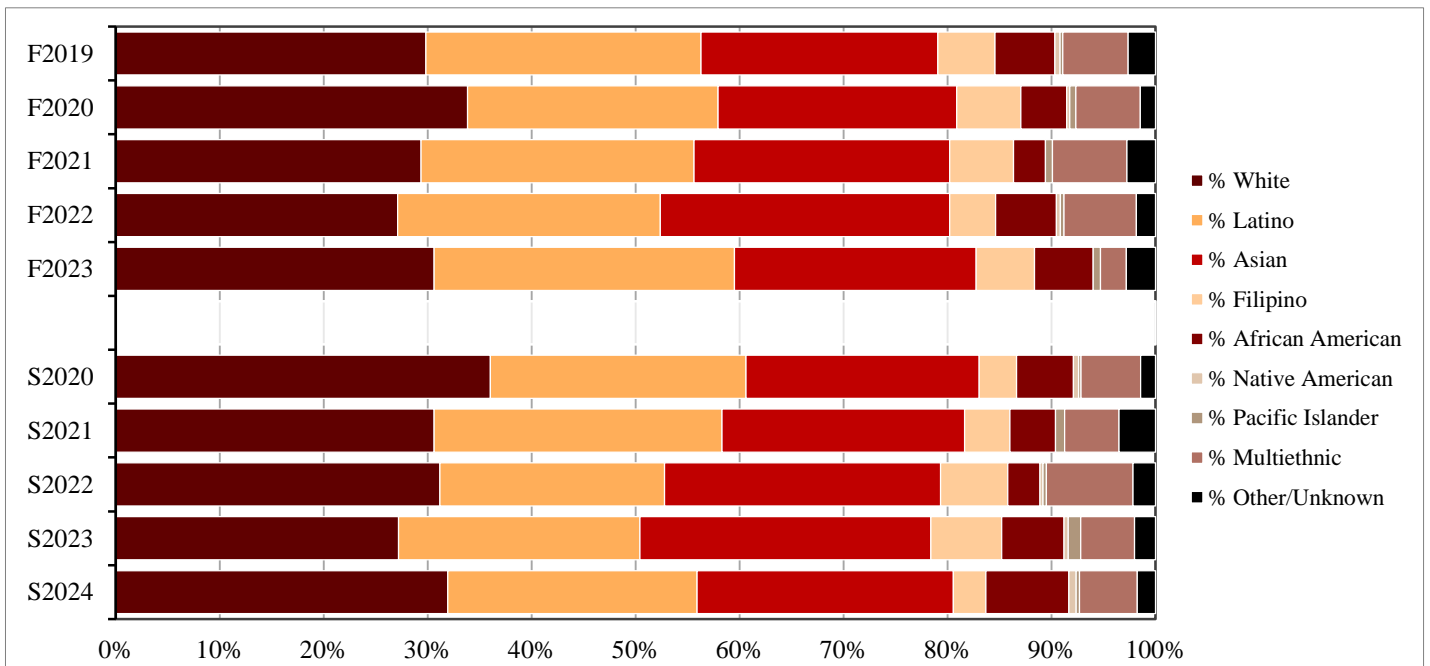
### Student Demographics: Gender & Age

Computer Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Female	181	167	129	140	139	200	192	157	118	139
Male	197	165	157	130	133	214	143	162	126	136
19 yrs. or younger	61	62	56	69	59	74	69	79	46	48
20-21 yrs. old	84	69	47	44	38	70	57	67	46	38
22-24 yrs. old	62	37	36	43	43	69	44	31	38	32
25-29 yrs. old	60	60	50	28	28	65	57	43	22	39
30-39 yrs. old	53	49	51	34	51	58	57	42	46	61
40-49 yrs. old	39	32	33	32	46	43	30	44	29	41
50 yrs. or older	23	31	20	23	19	40	29	18	23	29
% Female	48%	50%	45%	52%	51%	48%	57%	49%	48%	51%
% Male	52%	50%	55%	48%	49%	52%	43%	51%	52%	49%
% 19 yrs. or younger	16%	18%	19%	25%	21%	18%	20%	24%	18%	17%
% 20 - 21 yrs. old	22%	20%	16%	16%	13%	17%	17%	21%	18%	13%
% 22 - 24 yrs. old	16%	11%	12%	16%	15%	16%	13%	10%	15%	11%
% 25 - 29 yrs. old	16%	18%	17%	10%	10%	16%	17%	13%	9%	14%
% 30 - 39 yrs. old	14%	14%	17%	12%	18%	14%	17%	13%	18%	21%
% 40 - 49 yrs. old	10%	9%	11%	12%	16%	10%	9%	14%	12%	14%
% 50 yrs. or older	6%	9%	7%	8%	7%	10%	8%	6%	9%	10%



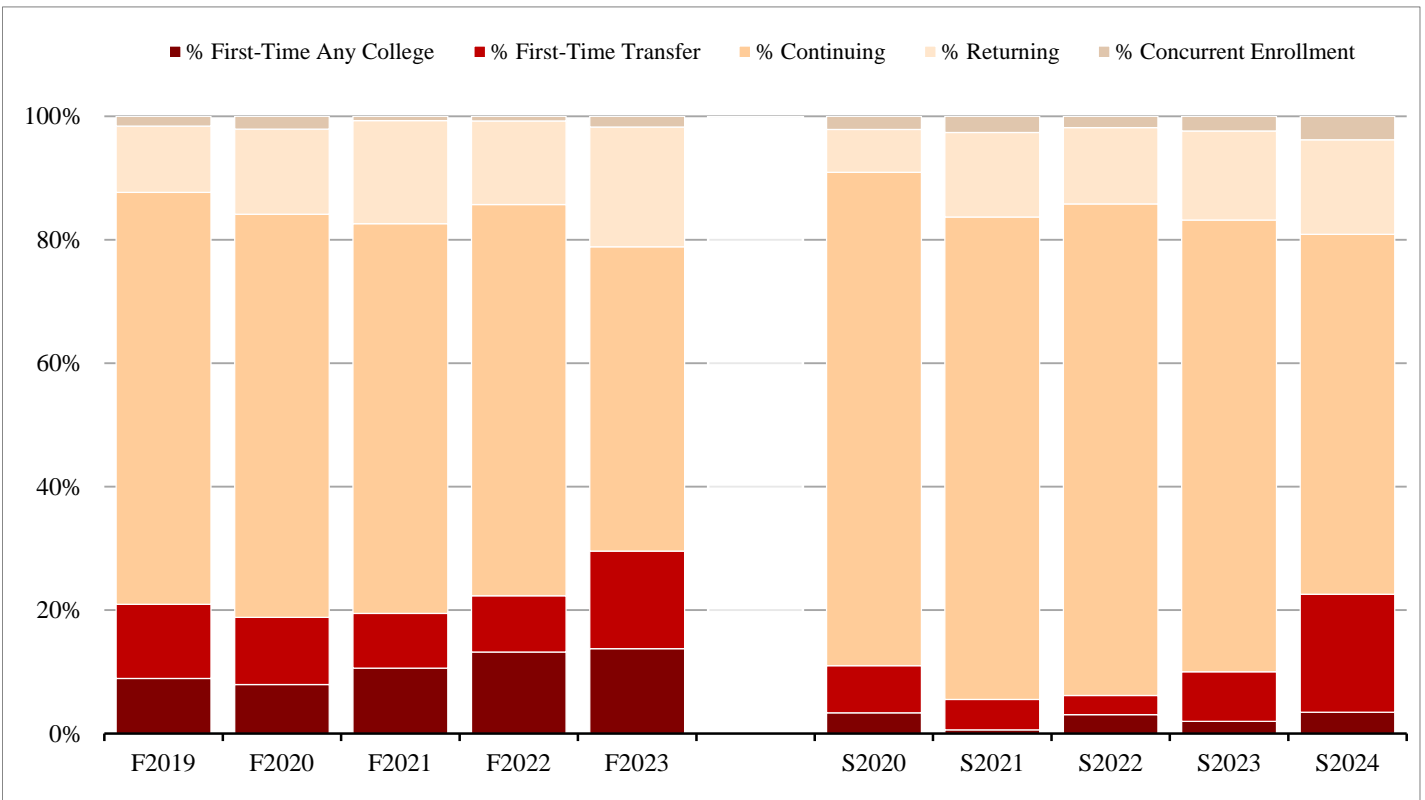
### Student Demographic: Race-Ethnicity

Computer Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
African American	22	15	9	16	16	23	15	10	15	23
Asian	87	78	72	76	66	94	80	86	70	71
Filipino	21	21	18	12	16	15	15	21	17	9
Latino	101	82	77	69	82	103	95	70	58	69
Native American	2	1	0	1	0	2	0	1	1	2
Pacific Islander	1	2	2	1	2	1	3	1	3	1
White	114	115	86	74	87	151	105	101	68	92
Multiethnic	24	21	21	19	7	24	18	27	13	16
Other/Unknown	10	5	8	5	8	6	12	7	5	5
% African American	6%	4%	3%	6%	6%	5%	4%	3%	6%	8%
% Asian	23%	23%	25%	28%	23%	22%	23%	27%	28%	25%
% Filipino	5%	6%	6%	4%	6%	4%	4%	6%	7%	3%
% Latino	26%	24%	26%	25%	29%	25%	28%	22%	23%	24%
% Native American	1%	<1%	0%	<1%	0%	<1%	0%	<1%	<1%	1%
% Pacific Islander	<1%	1%	1%	<1%	1%	<1%	1%	<1%	1%	<1%
% White	30%	34%	29%	27%	31%	36%	31%	31%	27%	32%
% Multiethnic	6%	6%	7%	7%	2%	6%	5%	8%	5%	6%
% Other/Unknown	3%	1%	3%	2%	3%	1%	3%	2%	2%	2%



### Student Enrollment Status

Computer Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
First-Time Any College	34	27	31	36	39	14	2	10	5	10
First-Time Transfer	46	37	26	25	45	32	17	10	20	55
Continuing	255	222	185	173	140	335	268	258	183	168
Returning	41	47	49	37	55	29	47	40	36	44
Concurrent Enrollment	6	7	2	2	5	9	9	6	6	11
% First-Time Any College	9%	8%	11%	13%	14%	3%	1%	3%	2%	3%
% First-Time Transfer	12%	11%	9%	9%	16%	8%	5%	3%	8%	19%
% Continuing	67%	65%	63%	63%	49%	80%	78%	80%	73%	58%
% Returning	11%	14%	17%	14%	19%	7%	14%	12%	14%	15%
% Concurrent Enrollment	2%	2%	1%	1%	2%	2%	3%	2%	2%	4%



**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.

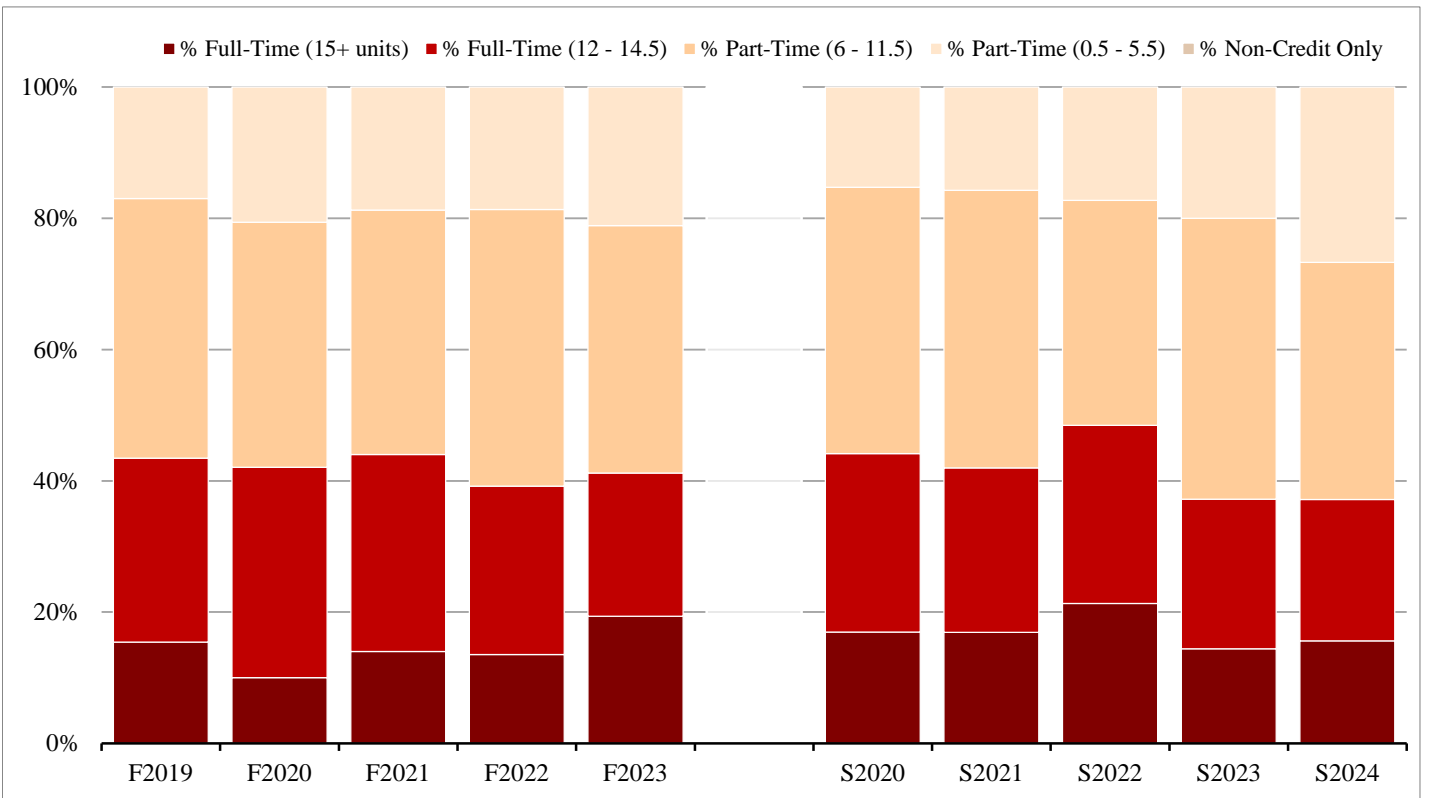
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

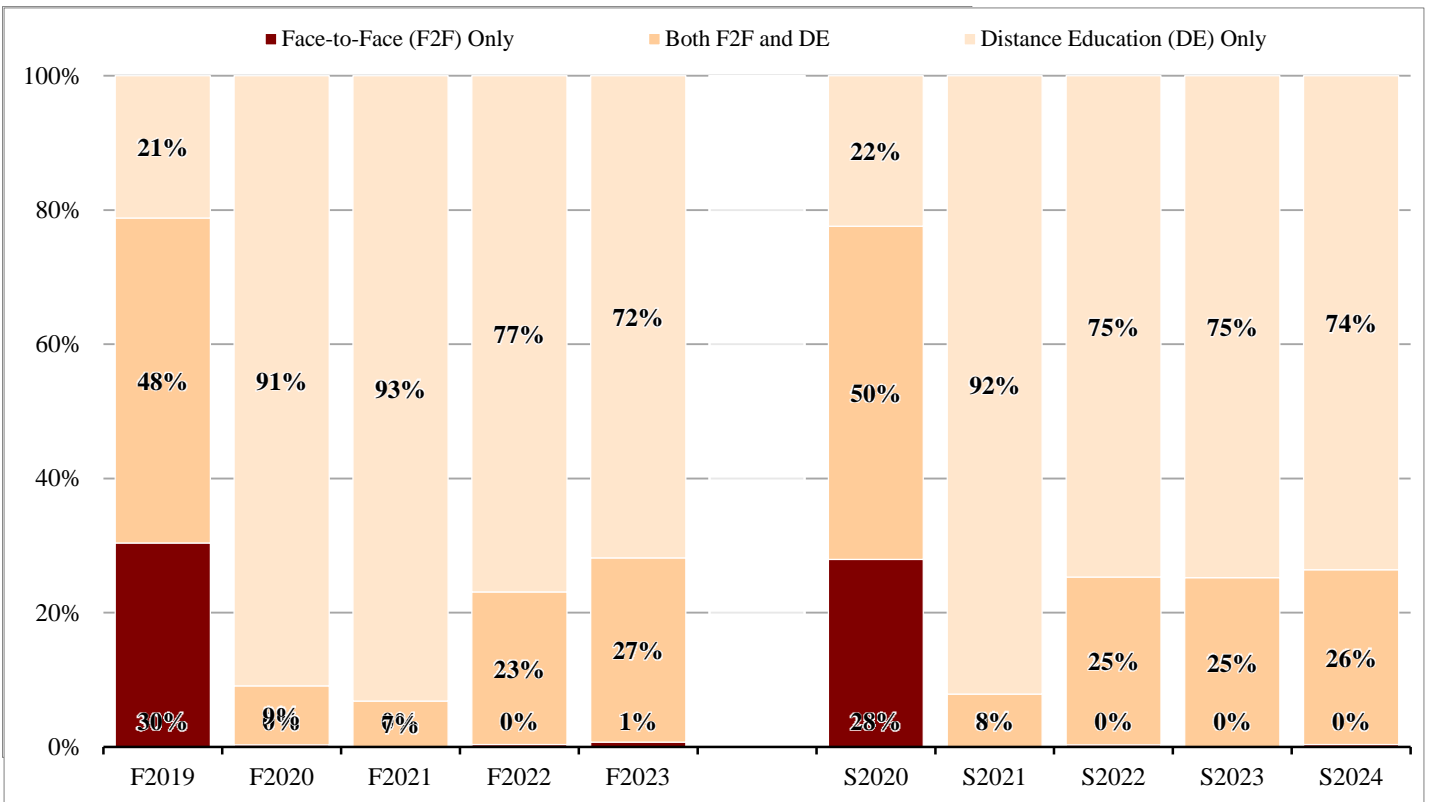
### Student Unit Load

Computer Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Full-Time (15+ units)	59	34	41	37	55	71	58	69	36	45
Full-Time (12 - 14.5 units)	107	109	88	70	62	114	86	88	57	62
Part-Time (6 - 11.5 units)	151	127	109	115	107	170	145	111	107	104
Part-Time (0.5 - 5.5 units)	65	70	55	51	60	64	54	56	50	77
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	15%	10%	14%	14%	19%	17%	17%	21%	14%	16%
% Full-Time (12 - 14.5)	28%	32%	30%	26%	22%	27%	25%	27%	23%	22%
% Part-Time (6 - 11.5)	40%	37%	37%	42%	38%	41%	42%	34%	43%	36%
% Part-Time (0.5 - 5.5)	17%	21%	19%	19%	21%	15%	16%	17%	20%	27%
% Non-Credit Only	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



### Students Using Distance Education

Computer Information Systems (includes Non-Credit) ( CIS/NCIS )										
(Categories reflect college-wide coursework)	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Face-to-Face (F2F) Only	116	1	0	1	2	117	0	1	0	1
Both F2F and DE	185	30	20	62	78	208	27	81	63	75
Distance Education (DE) Only	81	309	273	210	204	94	316	242	187	212
% Face-to-Face (F2F) Only	30%	<1%	0%	<1%	1%	28%	0%	<1%	0%	<1%
% Both F2F and DE	48%	9%	7%	23%	27%	50%	8%	25%	25%	26%
% Distance Education (DE) Only	21%	91%	93%	77%	72%	22%	92%	75%	75%	74%



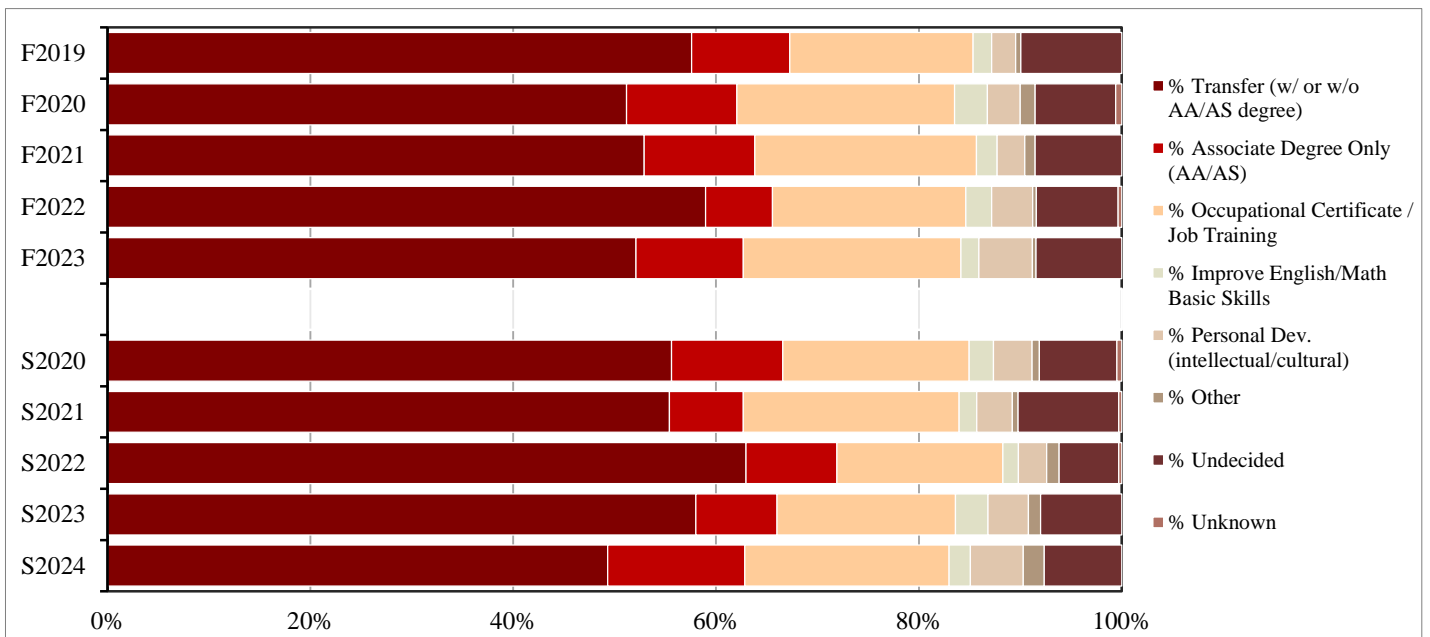
**Definitions:**

**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 Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Transfer (w/ or w/o AA/AS degree)	220	174	155	161	148	233	190	204	145	142
Associate Degree Only (AA/AS)	37	37	32	18	30	46	25	29	20	39
Occupational Certificate / Job Training	69	73	64	52	61	77	73	53	44	58
Improve English/Math Basic Skills	7	11	6	7	5	10	6	5	8	6
Personal Development (intellectual/cultural)	9	11	8	11	15	16	12	9	10	15
Other	2	5	3	1	1	3	2	4	3	6
Undecided	38	27	25	22	24	32	34	19	20	22
Unknown	0	2	0	1	0	2	1	1	0	0
% Transfer (w/ or w/o AA/AS degree)	58%	51%	53%	59%	52%	56%	55%	63%	58%	49%
% Associate Degree Only (AA/AS)	10%	11%	11%	7%	11%	11%	7%	9%	8%	14%
% Occupational Certificate / Job Training	18%	21%	22%	19%	21%	18%	21%	16%	18%	20%
% Improve English/Math Basic Skills	2%	3%	2%	3%	2%	2%	2%	2%	3%	2%
% Personal Dev. (intellectual/cultural)	2%	3%	3%	4%	5%	4%	3%	3%	4%	5%
% Other	1%	1%	1%	<1%	<1%	1%	1%	1%	1%	2%
% Undecided	10%	8%	9%	8%	8%	8%	10%	6%	8%	8%
% Unknown	0%	1%	0%	<1%	0%	<1%	<1%	<1%	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.

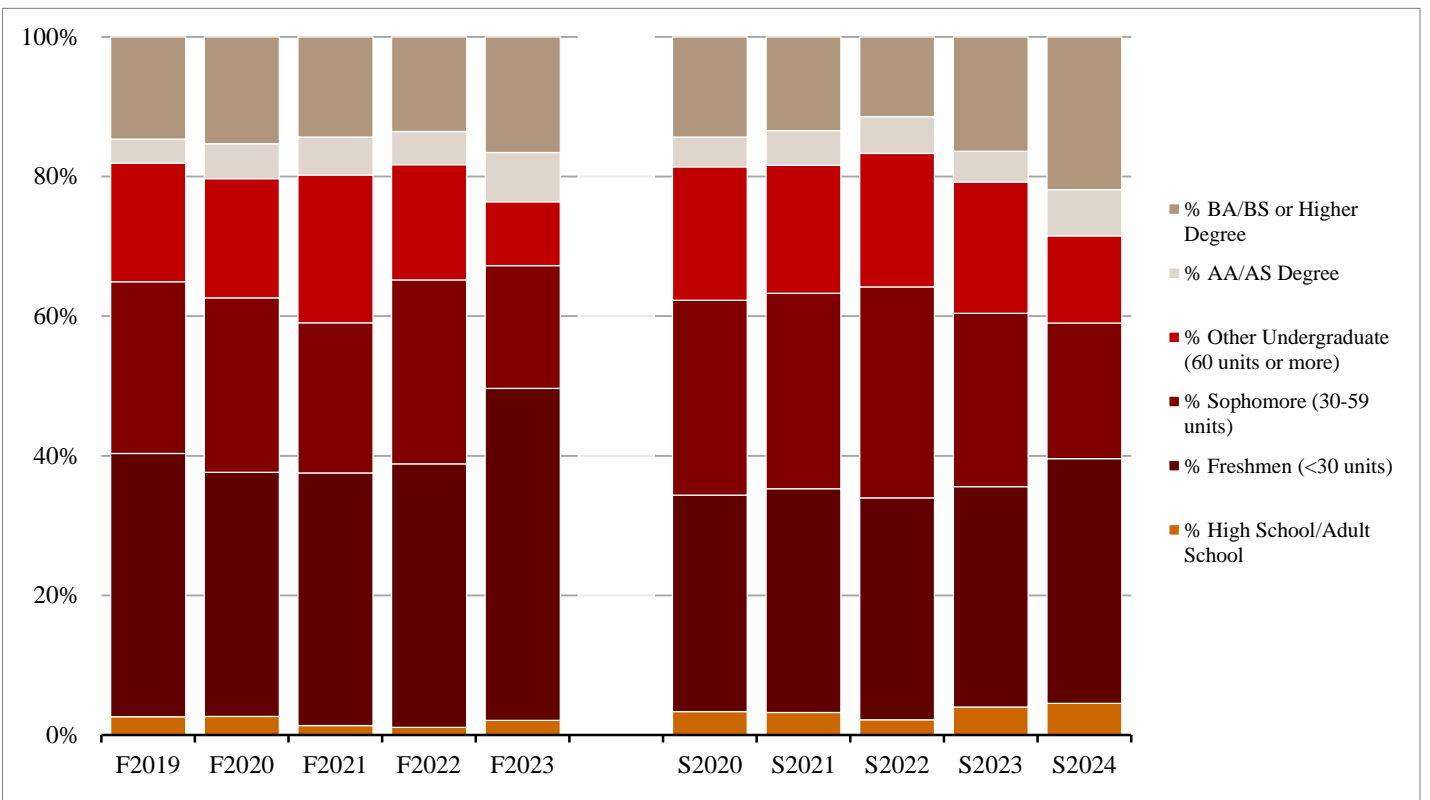
**Personal Development:** Students taking courses for intellectual and/or cultural development.

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



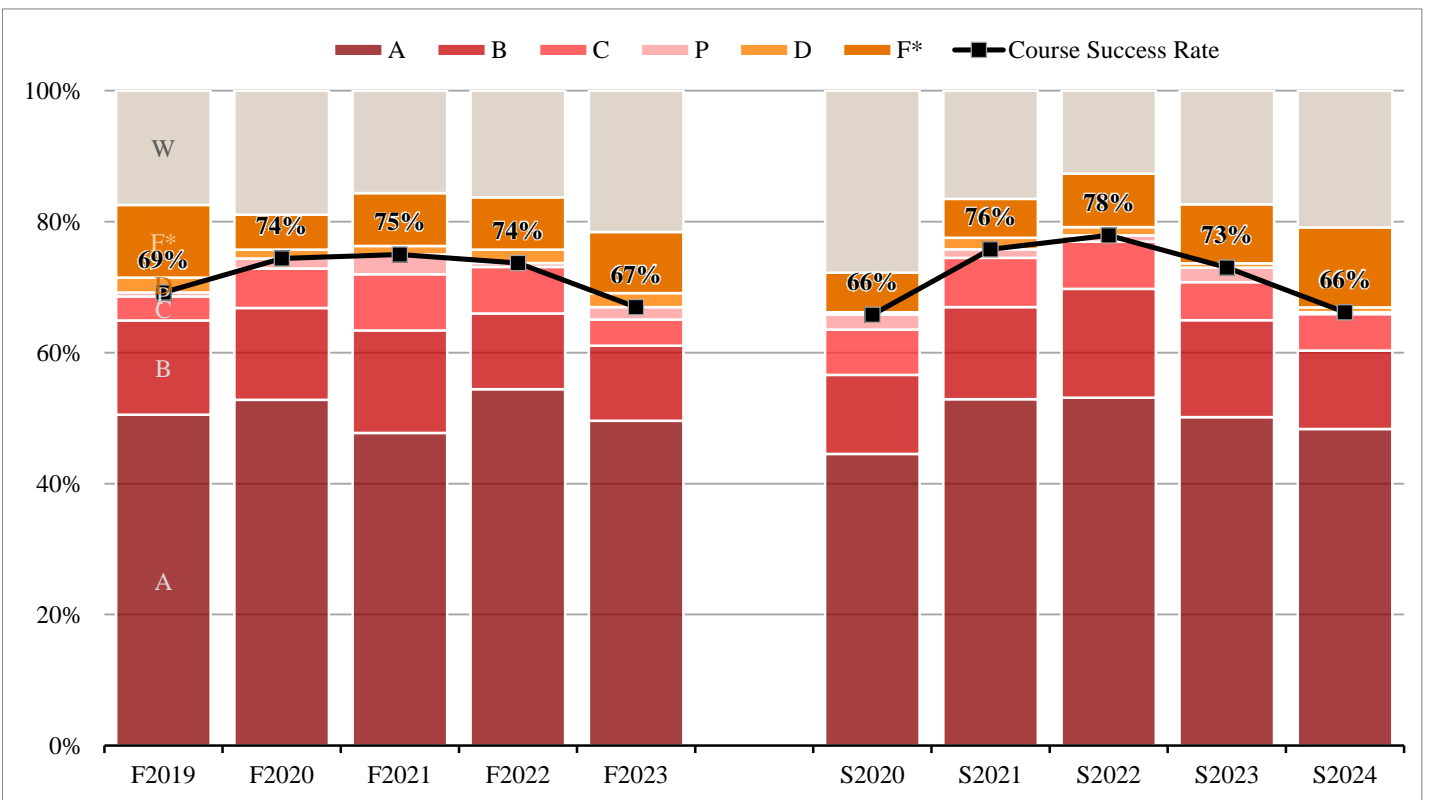
### Highest Educational Level of Students

Computer Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
High School/Adult School	10	9	4	3	6	14	11	7	10	13
Freshmen (<30 units)	144	119	106	103	135	130	110	103	79	101
Sophomore (30-59 units)	94	85	63	72	50	117	96	98	62	56
Other Undergraduate (60 units or more)	65	58	62	45	26	80	63	62	47	36
AA/AS Degree	13	17	16	13	20	18	17	17	11	19
BA/BS or Higher Degree	56	52	42	37	47	60	46	37	41	63
% High School/Adult School	3%	3%	1%	1%	2%	3%	3%	2%	4%	5%
% Freshmen (<30 units)	38%	35%	36%	38%	48%	31%	32%	32%	32%	35%
% Sophomore (30-59 units)	25%	25%	22%	26%	18%	28%	28%	30%	25%	19%
% Other Undergraduate (60 units or more)	17%	17%	21%	16%	9%	19%	18%	19%	19%	13%
% AA/AS Degree	3%	5%	5%	5%	7%	4%	5%	5%	4%	7%
% BA/BS or Higher Degree	15%	15%	14%	14%	17%	14%	13%	11%	16%	22%



### Student Performance: Grade Distribution

Computer Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
<b>Total Course Enrollments</b>	<b>487</b>	<b>449</b>	<b>396</b>	<b>338</b>	<b>375</b>	<b>532</b>	<b>454</b>	<b>403</b>	<b>319</b>	<b>393</b>
<b>Course Success Rates</b>	<b>69%</b>	<b>74%</b>	<b>75%</b>	<b>74%</b>	<b>67%</b>	<b>66%</b>	<b>76%</b>	<b>78%</b>	<b>73%</b>	<b>66%</b>
A	51%	53%	48%	54%	50%	45%	53%	53%	50%	48%
B	14%	14%	16%	12%	11%	12%	14%	17%	15%	12%
C	4%	6%	9%	7%	4%	7%	7%	7%	6%	6%
P	1%	2%	3%	1%	2%	2%	1%	1%	2%	<1%
<b>Course Non-Success Rate</b>	<b>13%</b>	<b>7%</b>	<b>9%</b>	<b>10%</b>	<b>11%</b>	<b>6%</b>	<b>8%</b>	<b>9%</b>	<b>10%</b>	<b>13%</b>
D	2%	1%	1%	2%	2%	<1%	2%	1%	1%	1%
F*	11%	5%	8%	8%	9%	6%	6%	8%	9%	12%
<b>Withdrawals (See Note)</b>	<b>17%</b>	<b>19%</b>	<b>16%</b>	<b>16%</b>	<b>22%</b>	<b>28%</b>	<b>17%</b>	<b>13%</b>	<b>17%</b>	<b>21%</b>



**Definitions:**

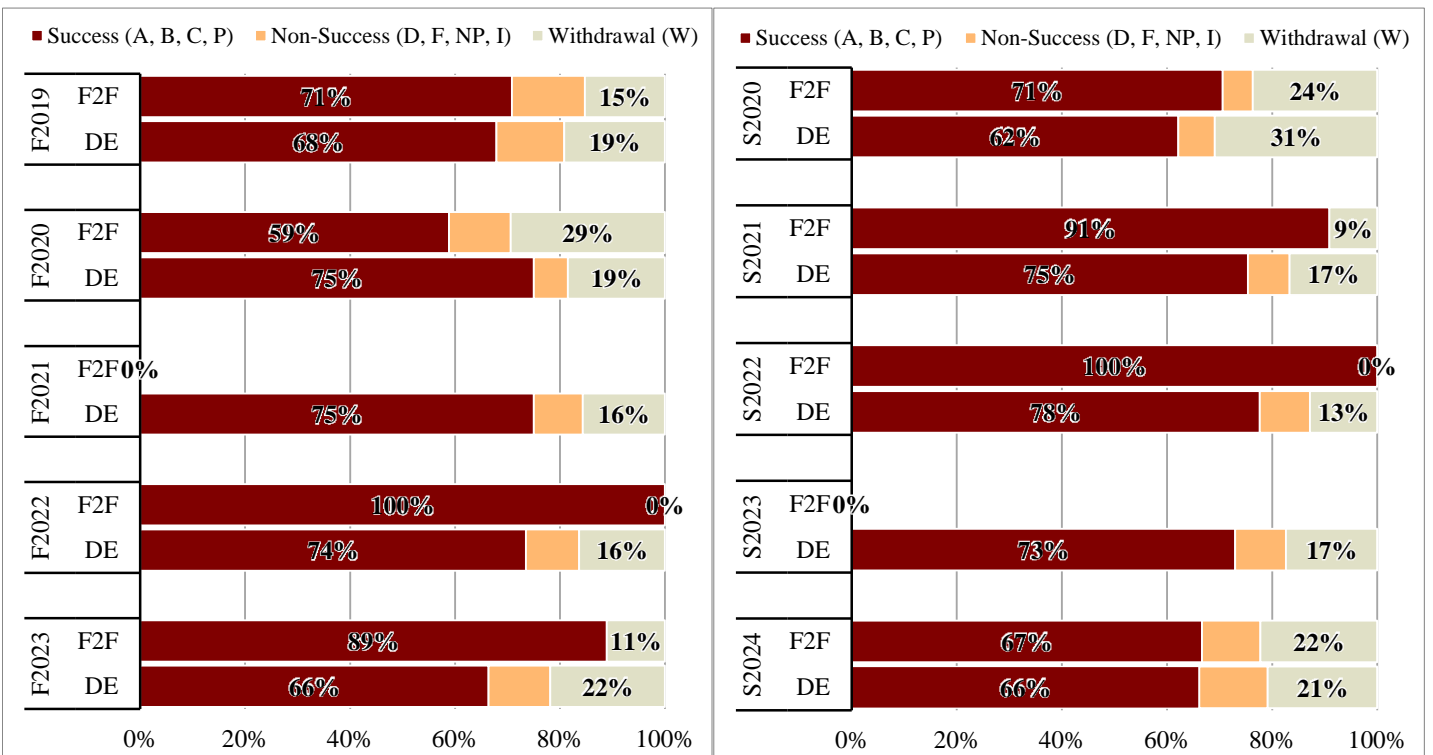
**Course Success Rate:** Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

**Course Non-Success Rate:** Share of course enrollments resulting in a grade of 'D' or F\* (includes: 'F', 'NP', '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 Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
<b>Total Course Enrollments</b>	487	449	396	338	375	532	454	403	319	393
<b>Face-to-Face (F2F) Sections</b>	216	17	7	2	9	228	11	5	0	9
Success Rates	71%	59%	—	100%	89%	71%	91%	100%	—	67%
Non-Success Rates	14%	12%	—	0%	0%	6%	0%	0%	—	11%
Withdrawals	15%	29%	—	0%	11%	24%	9%	0%	—	22%
<b>Distance Education (DE) Sections</b>	271	432	389	336	366	304	443	398	319	384
Success Rates	68%	75%	75%	74%	66%	62%	75%	78%	73%	66%
Non-Success Rates	13%	6%	9%	10%	12%	7%	8%	10%	10%	13%
Withdrawals	19%	19%	16%	16%	22%	31%	17%	13%	17%	21%



**Definitions:**

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

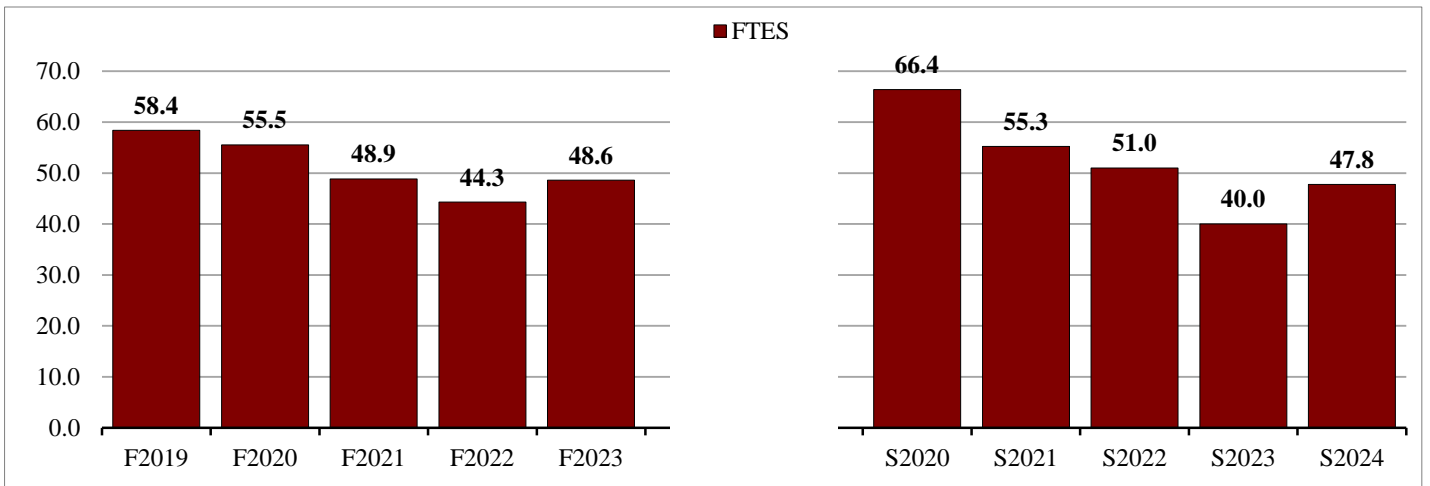
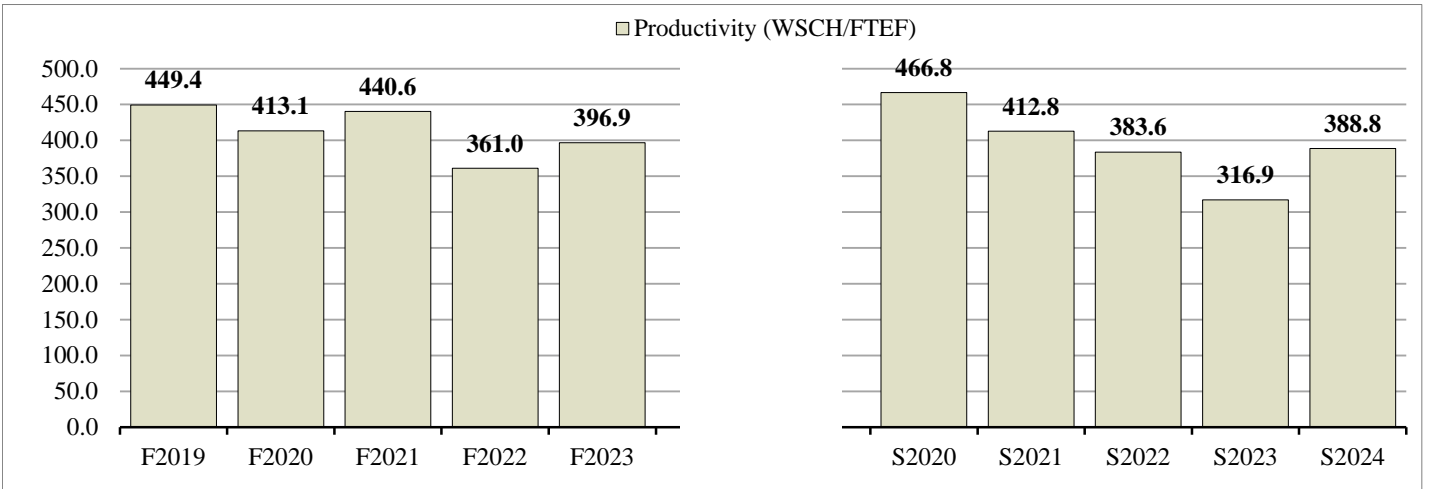
**Course Non-Success Rate:** Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

**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 Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
WSCH	1,833	1,743	1,536	1,357	1,492	2,110	1,704	1,602	1,236	1,481
FTES	58.4	55.5	48.9	44.3	48.6	66.4	55.3	51.0	40.0	47.8
FTEF	4.1	4.2	3.5	3.8	3.8	4.5	4.1	4.2	3.9	3.8
Productivity (WSCH/FTEF)	449.4	413.1	440.6	361.0	396.9	466.8	412.8	383.6	316.9	388.8



**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.

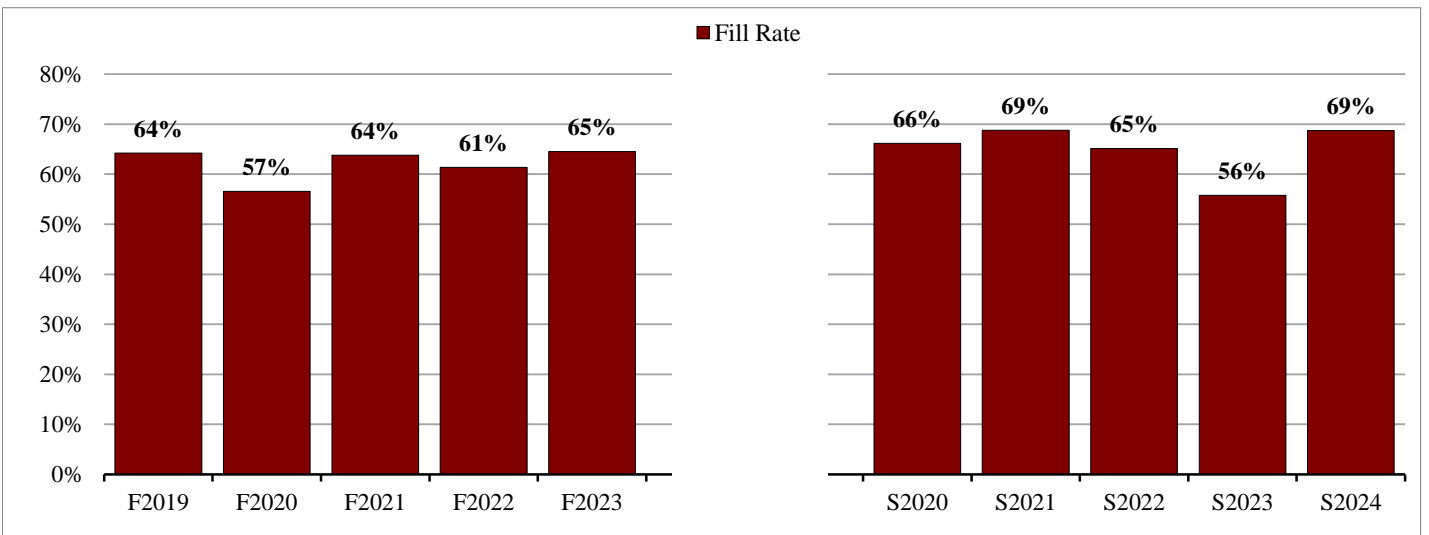
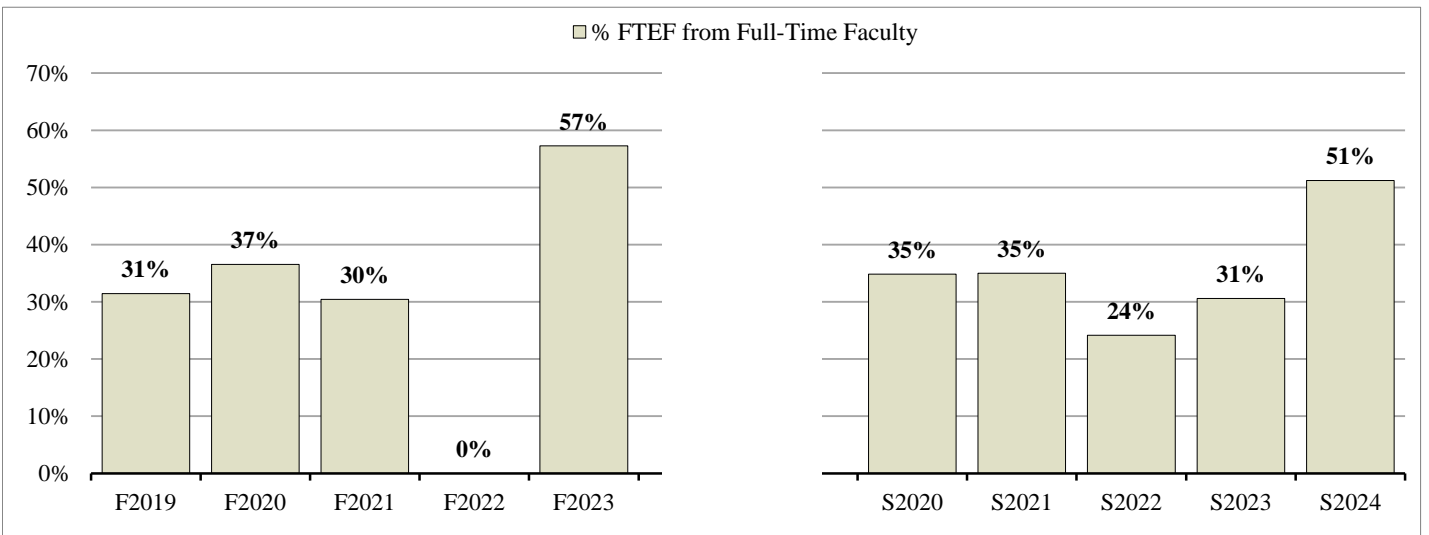
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**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 Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
FTEF from Full-Time Faculty	1.3	1.5	1.1	0.0	2.2	1.6	1.4	1.0	1.2	2.0
% FTEF from Full-Time Faculty	31%	37%	30%	0%	57%	35%	35%	24%	31%	51%
Enrollments	487	449	396	338	375	532	454	403	319	393
Capacity (seats available)	758	794	621	551	581	804	660	619	572	572
Fill Rate	64%	57%	64%	61%	65%	66%	69%	65%	56%	69%



**Definitions:**

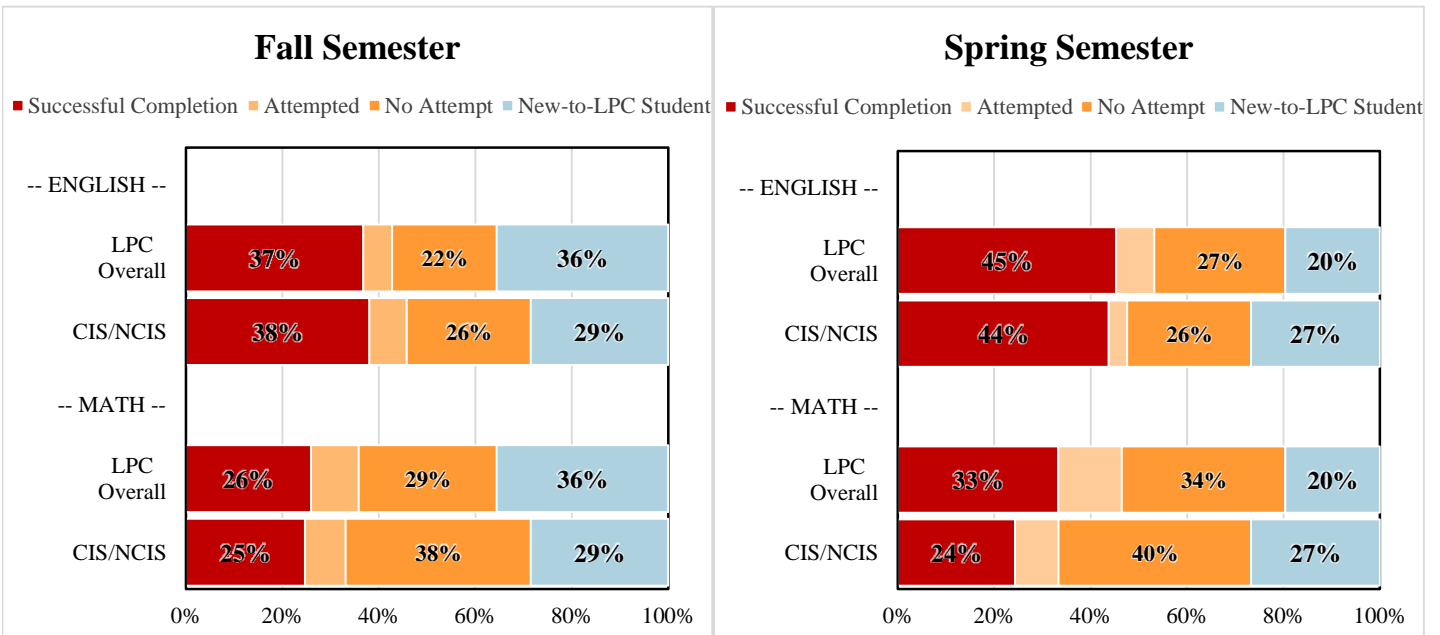
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% 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 2023				Spring 2024			
	CIS/NCIS		LPC Overall		CIS/NCIS		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
<b>Transfer-level English</b>								
Successful Completion*	108	38%	2,796	37%	126	44%	3,393	45%
Attempted ( <i>not successful</i> )	22	8%	454	6%	11	4%	600	8%
No Attempt	73	26%	1,652	22%	74	26%	2,036	27%
New-to-LPC Student	81	29%	2,703	36%	77	27%	1,472	20%
<b>Transfer-level Math</b>								
Successful Completion*	70	25%	1,971	26%	70	24%	2,498	33%
Attempted ( <i>not successful</i> )	24	8%	752	10%	26	9%	986	13%
No Attempt	109	38%	2,179	29%	115	40%	2,545	34%
New-to-LPC Student	81	29%	2,703	36%	77	27%	1,472	20%



**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.