



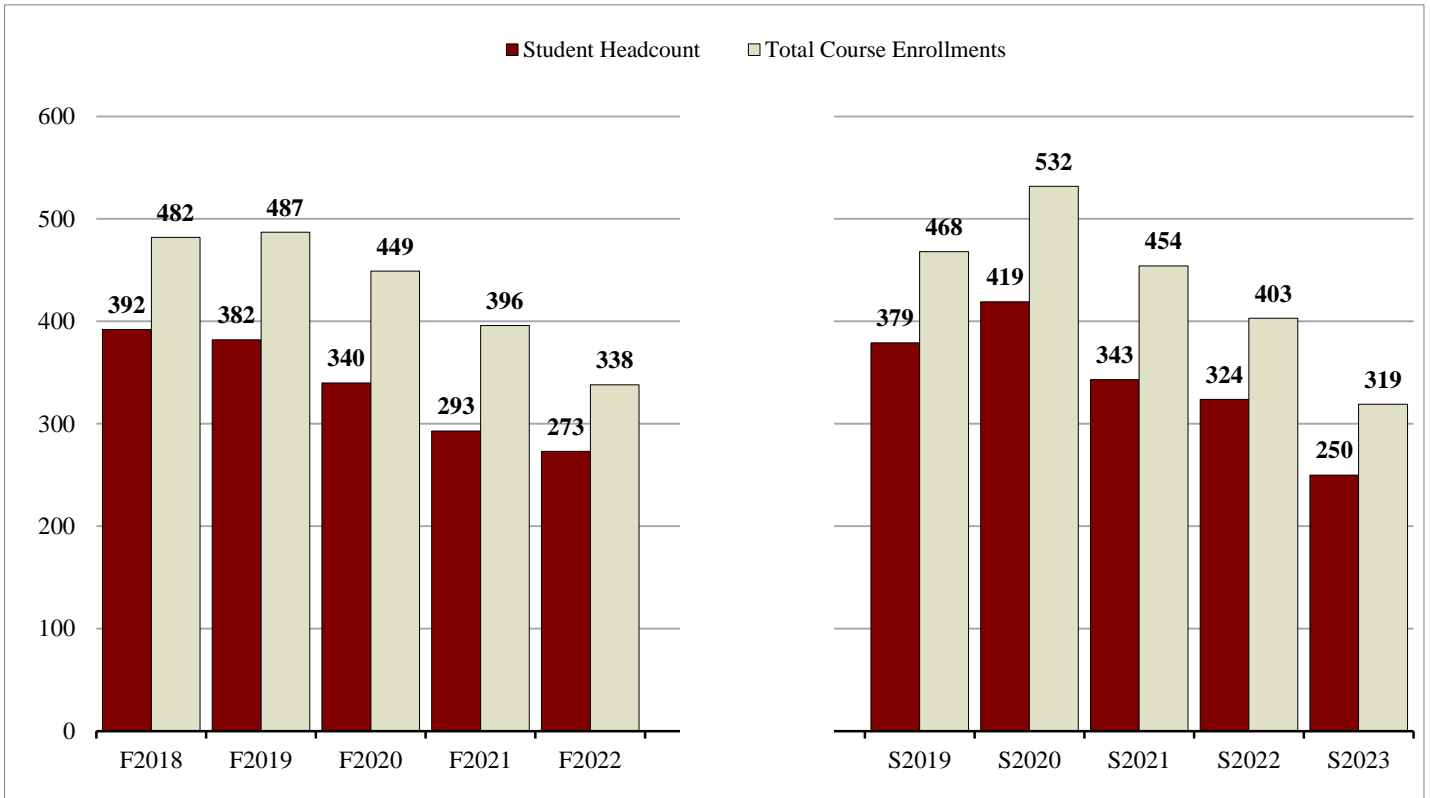
Las Positas College  
**Discipline Program Review Data Packet**  
Fall 2018 to Spring 2023

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				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Student Headcount	392	382	340	293	273	379	419	343	324	250
Total Course Enrollments	482	487	449	396	338	468	532	454	403	319



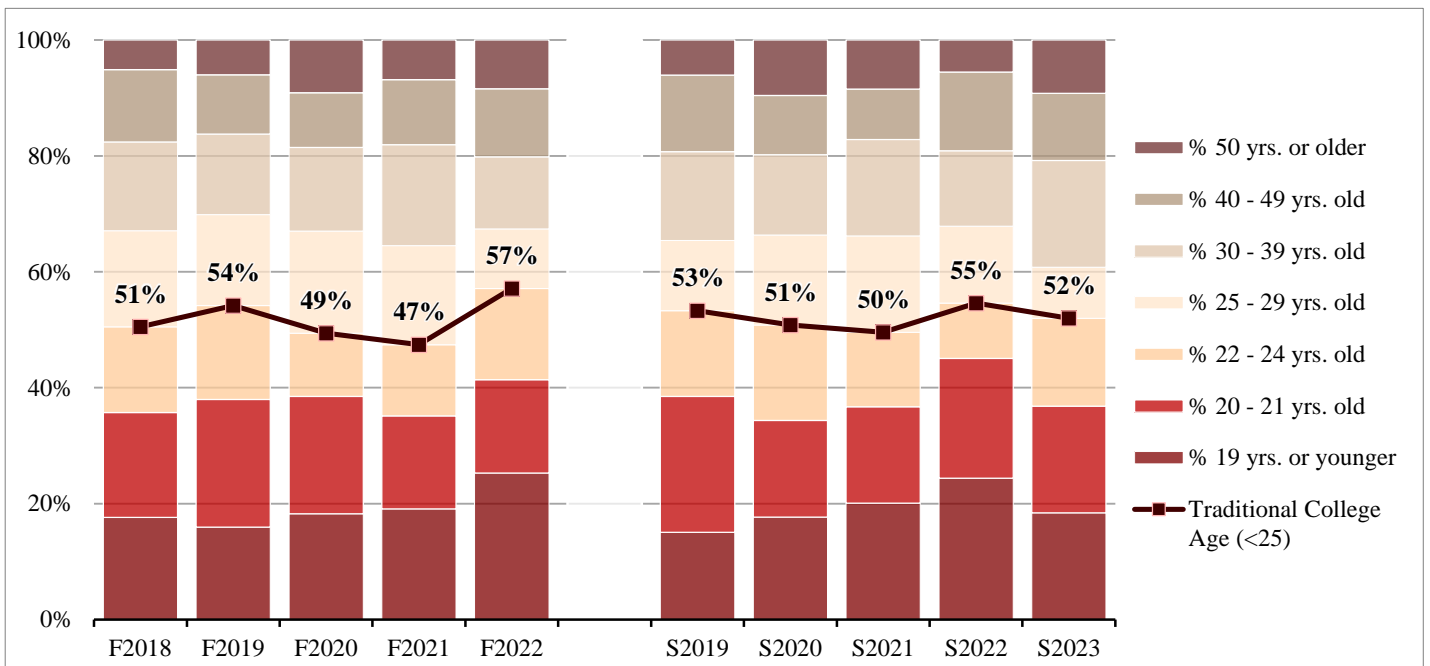
**Definitions:**

**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.

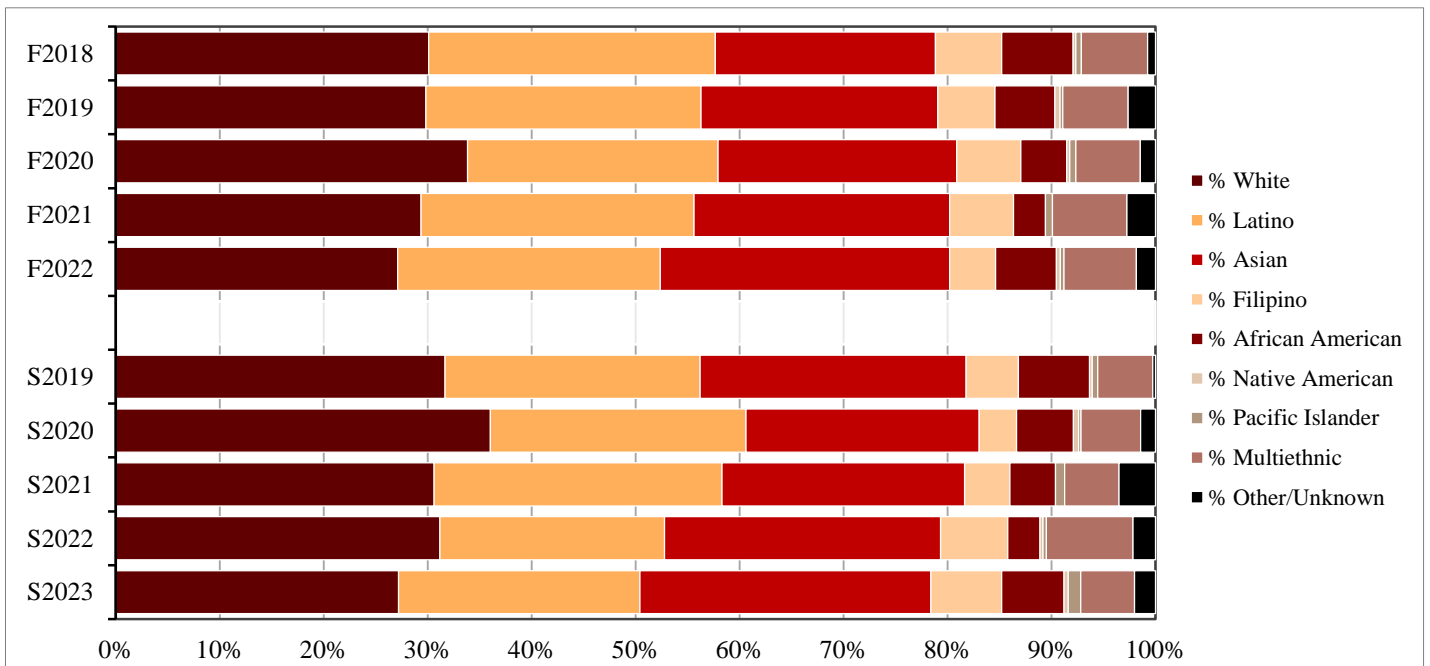
### Student Demographics: Gender & Age

Computer Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Female	189	181	167	129	140	206	200	192	157	118
Male	198	197	165	157	130	168	214	143	162	126
19 yrs. or younger	69	61	62	56	69	57	74	69	79	46
20-21 yrs. old	71	84	69	47	44	89	70	57	67	46
22-24 yrs. old	58	62	37	36	43	56	69	44	31	38
25-29 yrs. old	65	60	60	50	28	46	65	57	43	22
30-39 yrs. old	60	53	49	51	34	58	58	57	42	46
40-49 yrs. old	49	39	32	33	32	50	43	30	44	29
50 yrs. or older	20	23	31	20	23	23	40	29	18	23
% Female	49%	48%	50%	45%	52%	55%	48%	57%	49%	48%
% Male	51%	52%	50%	55%	48%	45%	52%	43%	51%	52%
% 19 yrs. or younger	18%	16%	18%	19%	25%	15%	18%	20%	24%	18%
% 20 - 21 yrs. old	18%	22%	20%	16%	16%	23%	17%	17%	21%	18%
% 22 - 24 yrs. old	15%	16%	11%	12%	16%	15%	16%	13%	10%	15%
% 25 - 29 yrs. old	17%	16%	18%	17%	10%	12%	16%	17%	13%	9%
% 30 - 39 yrs. old	15%	14%	14%	17%	12%	15%	14%	17%	13%	18%
% 40 - 49 yrs. old	13%	10%	9%	11%	12%	13%	10%	9%	14%	12%
% 50 yrs. or older	5%	6%	9%	7%	8%	6%	10%	8%	6%	9%



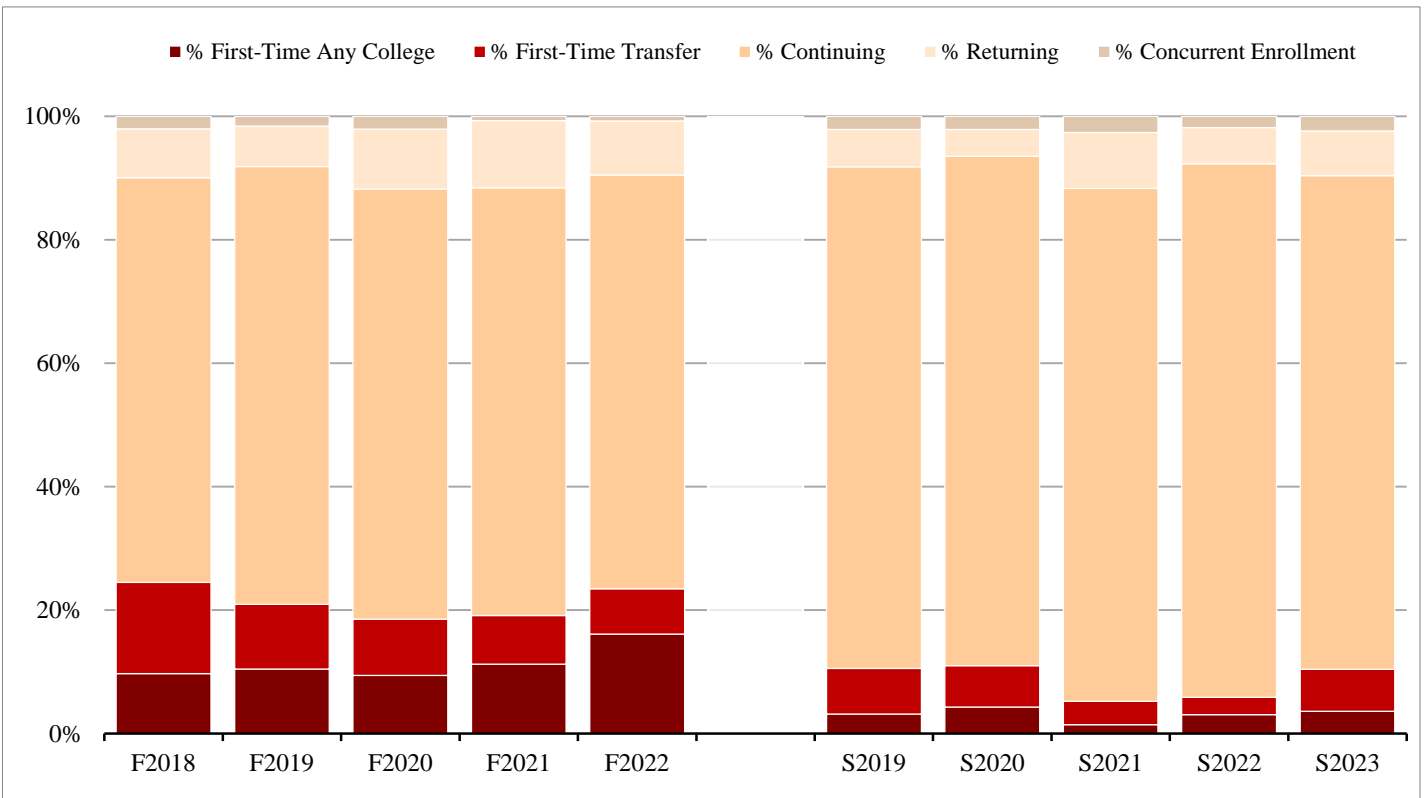
### Student Demographic: Race-Ethnicity

Computer Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
African American	27	22	15	9	16	26	23	15	10	15
Asian	83	87	78	72	76	97	94	80	86	70
Filipino	25	21	21	18	12	19	15	15	21	17
Latino	108	101	82	77	69	93	103	95	70	58
Native American	1	2	1	0	1	1	2	0	1	1
Pacific Islander	2	1	2	2	1	2	1	3	1	3
White	118	114	115	86	74	120	151	105	101	68
Multiethnic	25	24	21	21	19	20	24	18	27	13
Other/Unknown	3	10	5	8	5	1	6	12	7	5
% African American	7%	6%	4%	3%	6%	7%	5%	4%	3%	6%
% Asian	21%	23%	23%	25%	28%	26%	22%	23%	27%	28%
% Filipino	6%	5%	6%	6%	4%	5%	4%	4%	6%	7%
% Latino	28%	26%	24%	26%	25%	25%	25%	28%	22%	23%
% Native American	<1%	1%	<1%	0%	<1%	<1%	<1%	0%	<1%	<1%
% Pacific Islander	1%	<1%	1%	1%	<1%	1%	<1%	1%	<1%	1%
% White	30%	30%	34%	29%	27%	32%	36%	31%	31%	27%
% Multiethnic	6%	6%	6%	7%	7%	5%	6%	5%	8%	5%
% Other/Unknown	1%	3%	1%	3%	2%	<1%	1%	3%	2%	2%



### Student Enrollment Status

Computer Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
First-Time Any College	38	40	32	33	44	12	18	5	10	9
First-Time Transfer	58	40	31	23	20	28	28	13	9	17
Continuing	257	271	237	203	183	308	346	285	280	200
Returning	31	25	33	32	24	23	18	31	19	18
Concurrent Enrollment	8	6	7	2	2	8	9	9	6	6
% First-Time Any College	10%	10%	9%	11%	16%	3%	4%	1%	3%	4%
% First-Time Transfer	15%	10%	9%	8%	7%	7%	7%	4%	3%	7%
% Continuing	66%	71%	70%	69%	67%	81%	83%	83%	86%	80%
% Returning	8%	7%	10%	11%	9%	6%	4%	9%	6%	7%
% Concurrent Enrollment	2%	2%	2%	1%	1%	2%	2%	3%	2%	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.

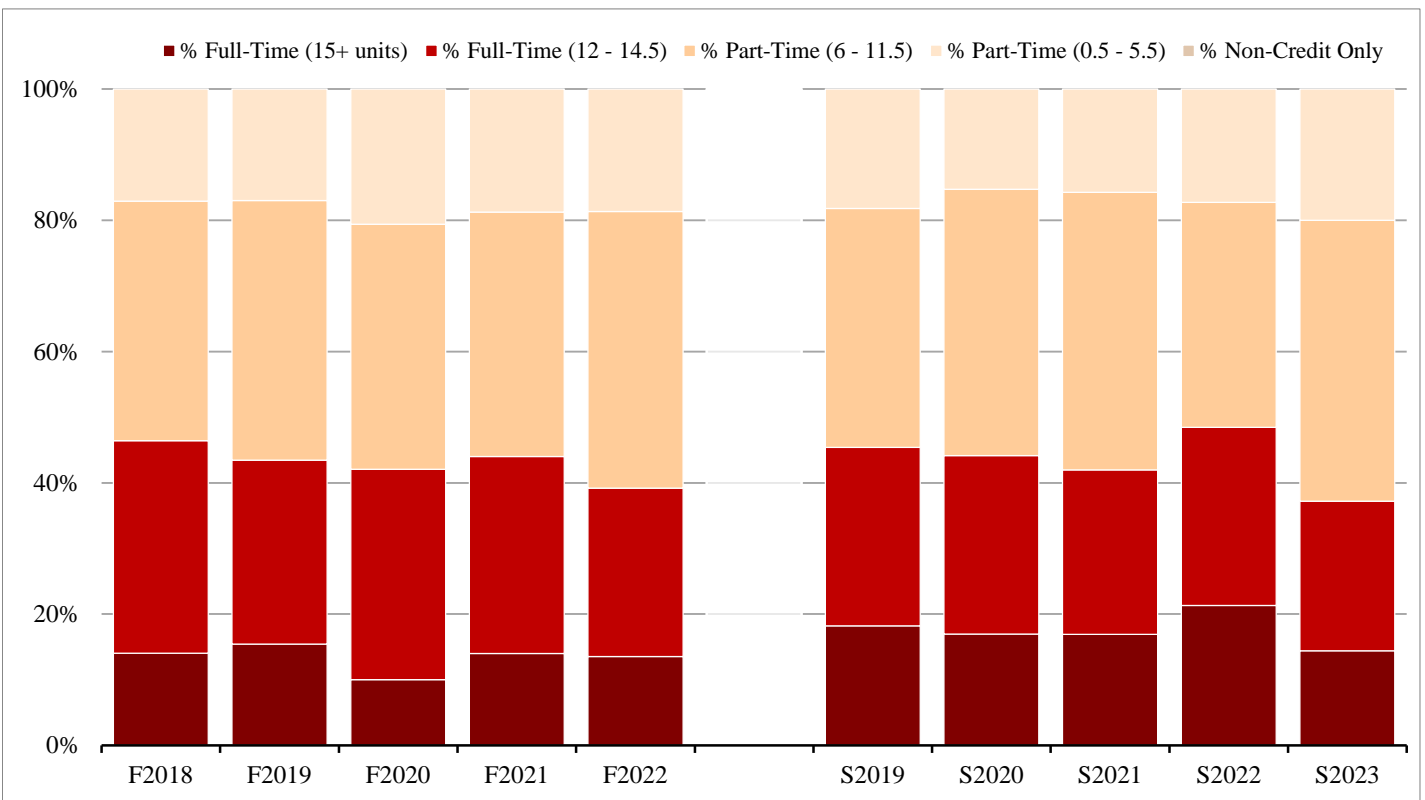
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

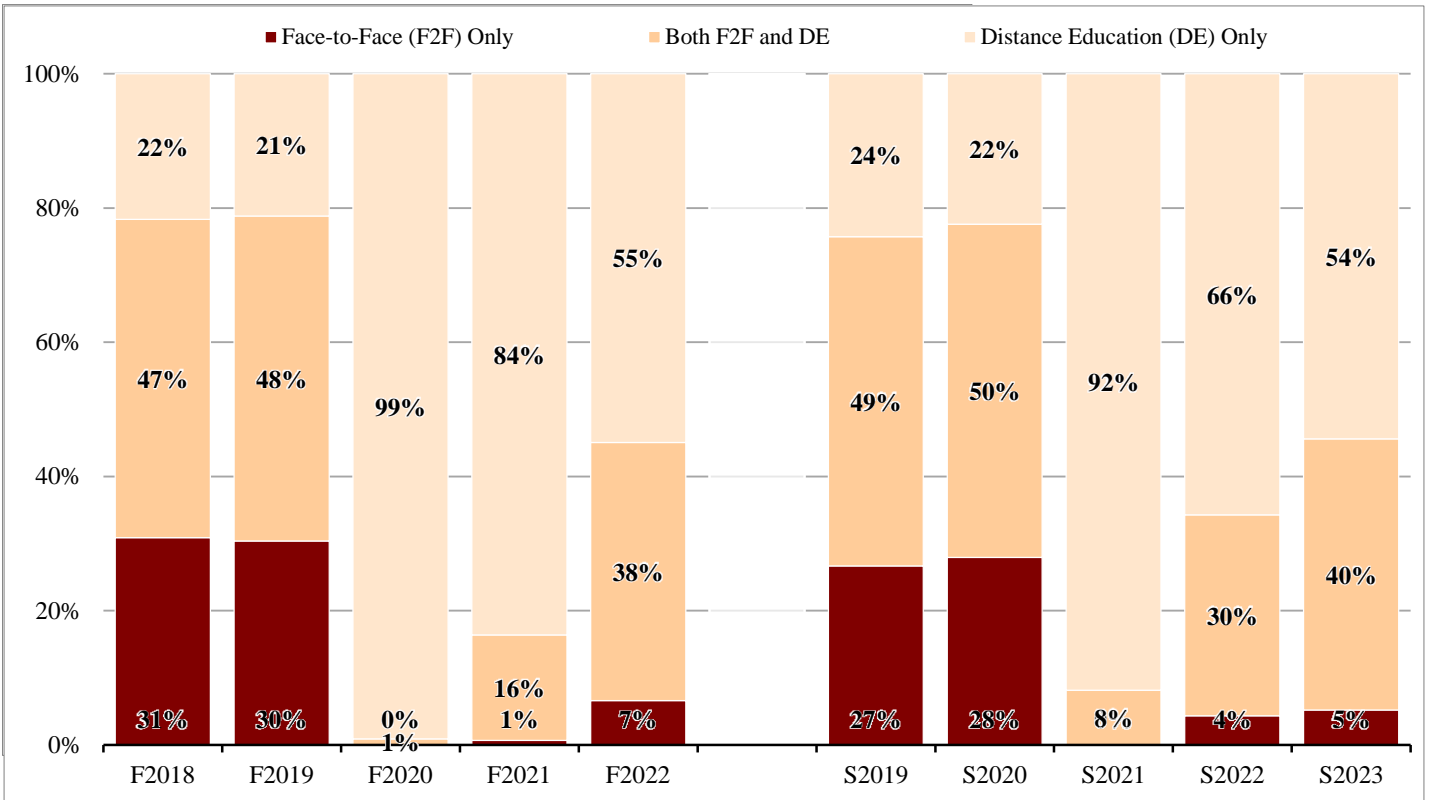
### Student Unit Load

Computer Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Full-Time (15+ units)	55	59	34	41	37	69	71	58	69	36
Full-Time (12 - 14.5 units)	127	107	109	88	70	103	114	86	88	57
Part-Time (6 - 11.5 units)	143	151	127	109	115	138	170	145	111	107
Part-Time (0.5 - 5.5 units)	67	65	70	55	51	69	64	54	56	50
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	14%	15%	10%	14%	14%	18%	17%	17%	21%	14%
% Full-Time (12 - 14.5)	32%	28%	32%	30%	26%	27%	27%	25%	27%	23%
% Part-Time (6 - 11.5)	36%	40%	37%	37%	42%	36%	41%	42%	34%	43%
% Part-Time (0.5 - 5.5)	17%	17%	21%	19%	19%	18%	15%	16%	17%	20%
% 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				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Face-to-Face (F2F) Only	121	116	0	2	18	101	117	0	14	13
Both F2F and DE	186	185	3	46	105	186	208	28	97	101
Distance Education (DE) Only	85	81	337	245	150	92	94	315	213	136
% Face-to-Face (F2F) Only	31%	30%	0%	1%	7%	27%	28%	0%	4%	5%
% Both F2F and DE	47%	48%	1%	16%	38%	49%	50%	8%	30%	40%
% Distance Education (DE) Only	22%	21%	99%	84%	55%	24%	22%	92%	66%	54%

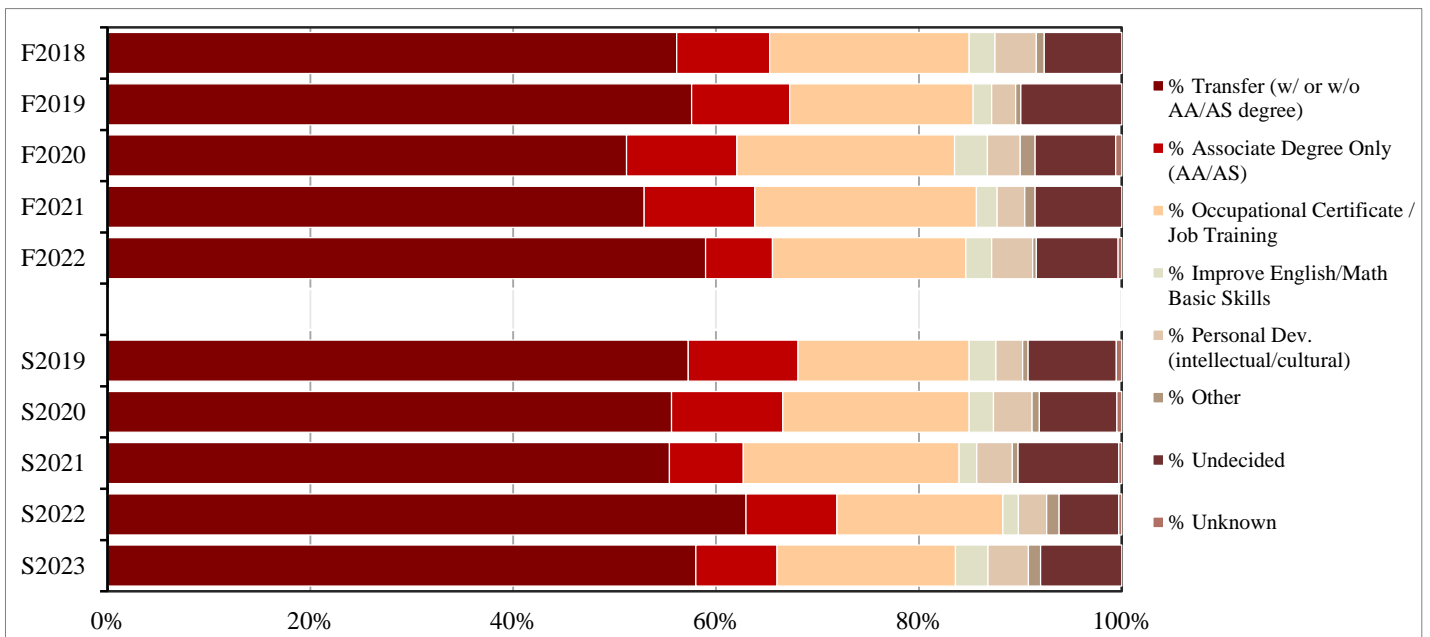


**Definitions:**

**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 Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Transfer (w/ or w/o AA/AS degree)	220	220	174	155	161	217	233	190	204	145
Associate Degree Only (AA/AS)	36	37	37	32	18	41	46	25	29	20
Occupational Certificate / Job Training	77	69	73	64	52	64	77	73	53	44
Improve English/Math Basic Skills	10	7	11	6	7	10	10	6	5	8
Personal Development (intellectual/cultural)	16	9	11	8	11	10	16	12	9	10
Other	3	2	5	3	1	2	3	2	4	3
Undecided	30	38	27	25	22	33	32	34	19	20
Unknown	0	0	2	0	1	2	2	1	1	0
% Transfer (w/ or w/o AA/AS degree)	56%	58%	51%	53%	59%	57%	56%	55%	63%	58%
% Associate Degree Only (AA/AS)	9%	10%	11%	11%	7%	11%	11%	7%	9%	8%
% Occupational Certificate / Job Training	20%	18%	21%	22%	19%	17%	18%	21%	16%	18%
% Improve English/Math Basic Skills	3%	2%	3%	2%	3%	3%	2%	2%	2%	3%
% Personal Dev. (intellectual/cultural)	4%	2%	3%	3%	4%	3%	4%	3%	3%	4%
% Other	1%	1%	1%	1%	<1%	1%	1%	1%	1%	1%
% Undecided	8%	10%	8%	9%	8%	9%	8%	10%	6%	8%
% Unknown	0%	0%	1%	0%	<1%	1%	<1%	<1%	<1%	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.

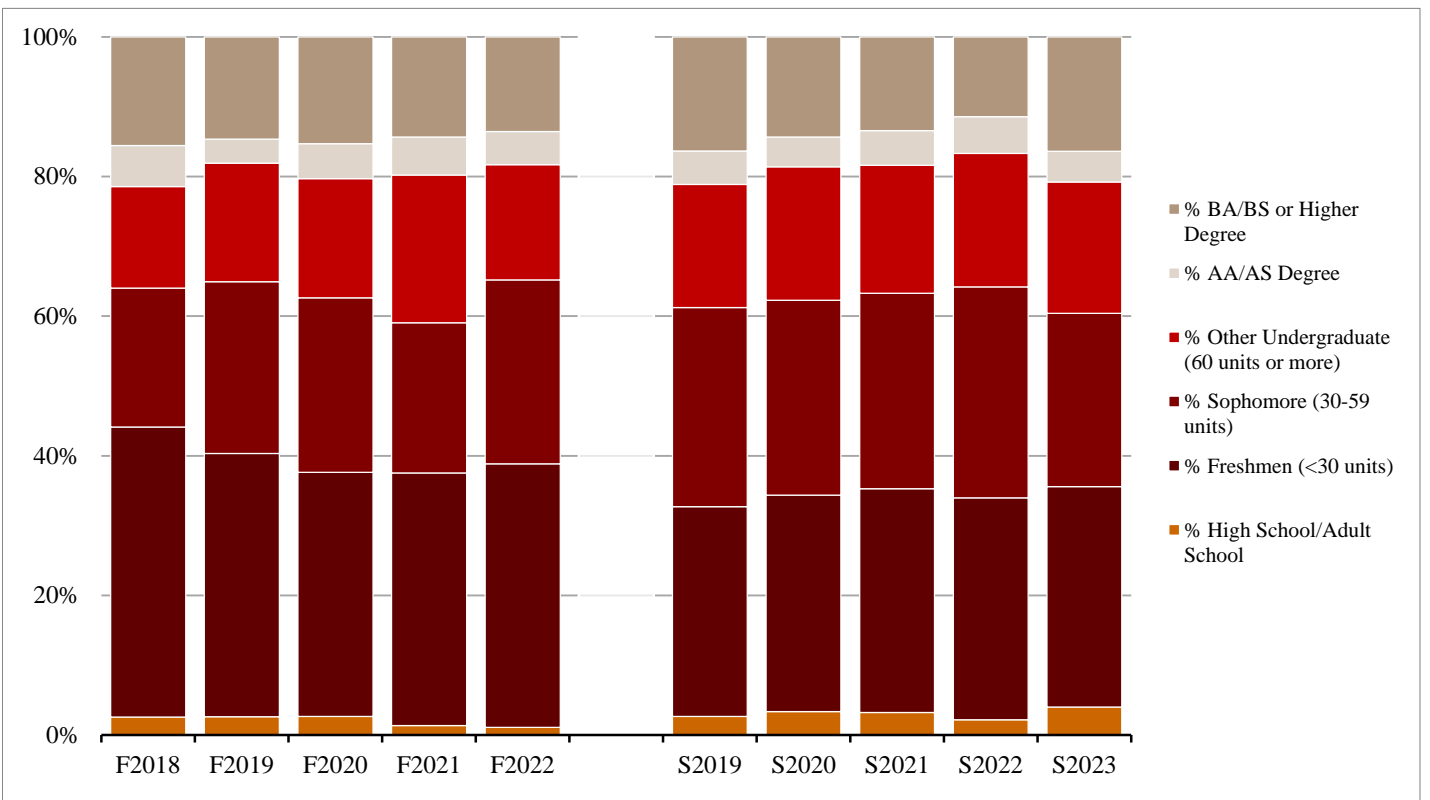
**Personal Development:** Students taking courses for intellectual and/or cultural development.

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



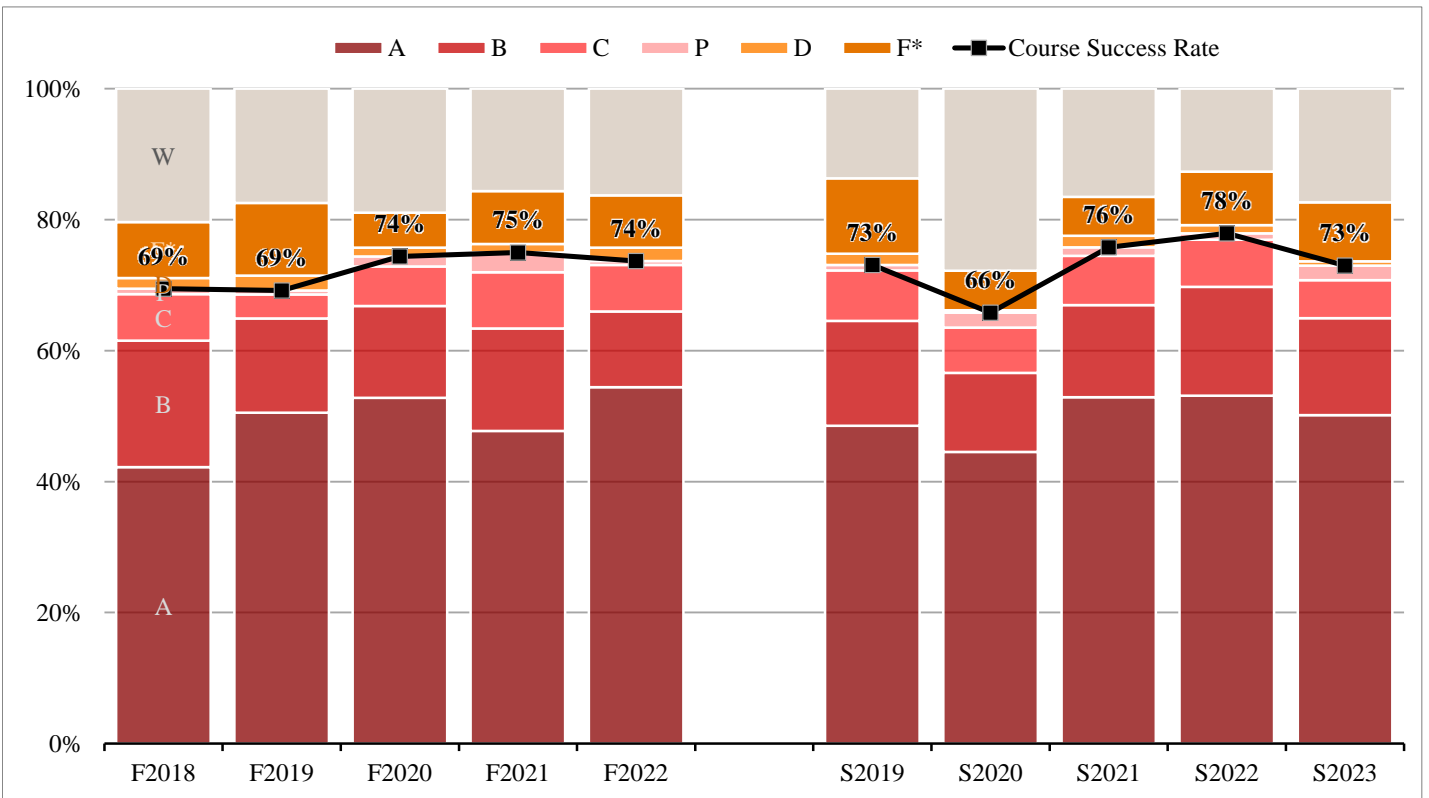
### Highest Educational Level of Students

Computer Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
High School/Adult School	10	10	9	4	3	10	14	11	7	10
Freshmen (<30 units)	163	144	119	106	103	114	130	110	103	79
Sophomore (30-59 units)	78	94	85	63	72	108	117	96	98	62
Other Undergraduate (60 units or more)	57	65	58	62	45	67	80	63	62	47
AA/AS Degree	23	13	17	16	13	18	18	17	17	11
BA/BS or Higher Degree	61	56	52	42	37	62	60	46	37	41
<b>% High School/Adult School</b>	3%	3%	3%	1%	1%	3%	3%	3%	2%	4%
<b>% Freshmen (&lt;30 units)</b>	42%	38%	35%	36%	38%	30%	31%	32%	32%	32%
<b>% Sophomore (30-59 units)</b>	20%	25%	25%	22%	26%	28%	28%	28%	30%	25%
<b>% Other Undergraduate (60 units or more)</b>	15%	17%	17%	21%	16%	18%	19%	18%	19%	19%
<b>% AA/AS Degree</b>	6%	3%	5%	5%	5%	5%	4%	5%	5%	4%
<b>% BA/BS or Higher Degree</b>	16%	15%	15%	14%	14%	16%	14%	13%	11%	16%



### Student Performance: Grade Distribution

Computer Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
<b>Total Course Enrollments</b>	482	487	449	396	338	468	532	454	403	319
<b>Course Success Rates</b>	69%	69%	74%	75%	74%	73%	66%	76%	78%	73%
A	42%	51%	53%	48%	54%	49%	45%	53%	53%	50%
B	19%	14%	14%	16%	12%	16%	12%	14%	17%	15%
C	7%	4%	6%	9%	7%	8%	7%	7%	7%	6%
P	1%	1%	2%	3%	1%	1%	2%	1%	1%	2%
<b>Course Non-Success Rate</b>	10%	13%	7%	9%	10%	13%	6%	8%	9%	10%
D	2%	2%	1%	1%	2%	2%	<1%	2%	1%	1%
F*	9%	11%	5%	8%	8%	12%	6%	6%	8%	9%
<b>Withdrawals (See Note)</b>	20%	17%	19%	16%	16%	14%	28%	17%	13%	17%



**Definitions:**

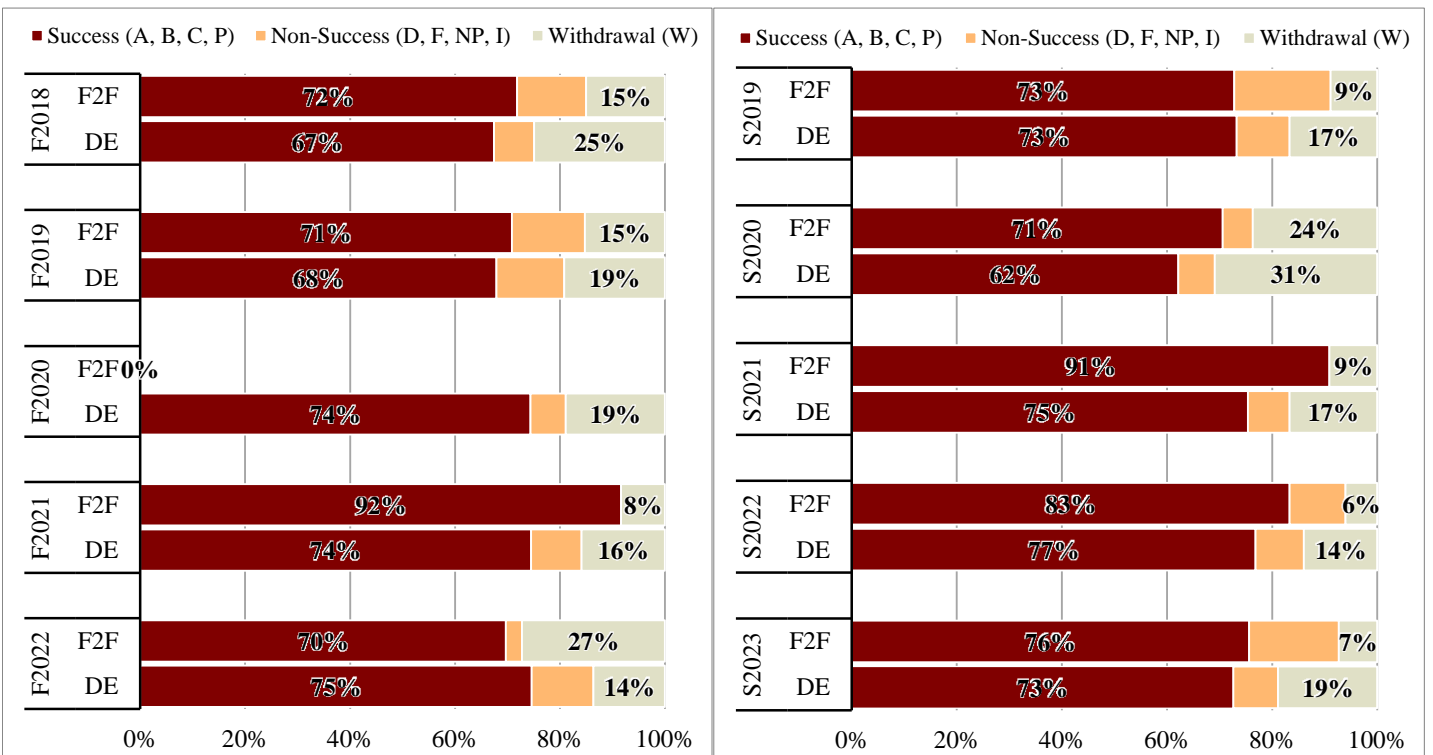
**Course Success Rate:** Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

**Course Non-Success Rate:** Share of course enrollments resulting in a grade of 'D' 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				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
<b>Total Course Enrollments</b>	482	487	449	396	338	468	532	454	403	319
<b>Face-to-Face (F2F) Sections</b>	221	216	0	12	66	180	228	11	66	41
Success Rates	72%	71%	—	92%	70%	73%	71%	91%	83%	76%
Non-Success Rates	13%	14%	—	0%	3%	18%	6%	0%	11%	17%
Withdrawals	15%	15%	—	8%	27%	9%	24%	9%	6%	7%
<b>Distance Education (DE) Sections</b>	261	271	449	384	272	288	304	443	337	278
Success Rates	67%	68%	74%	74%	75%	73%	62%	75%	77%	73%
Non-Success Rates	8%	13%	7%	10%	12%	10%	7%	8%	9%	9%
Withdrawals	25%	19%	19%	16%	14%	17%	31%	17%	14%	19%



**Definitions:**

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

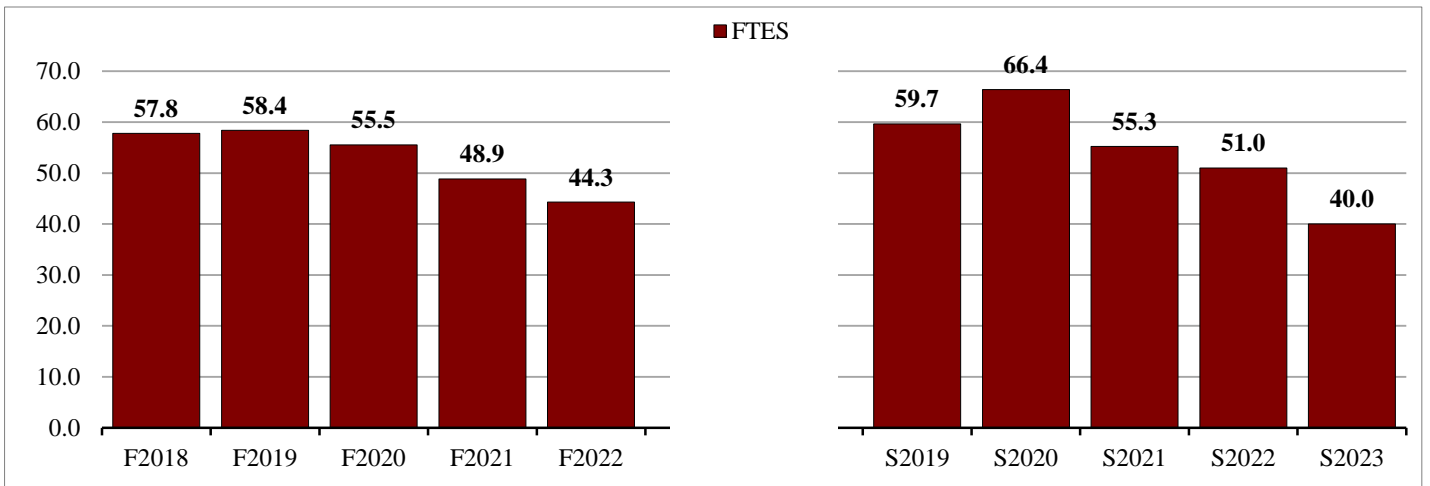
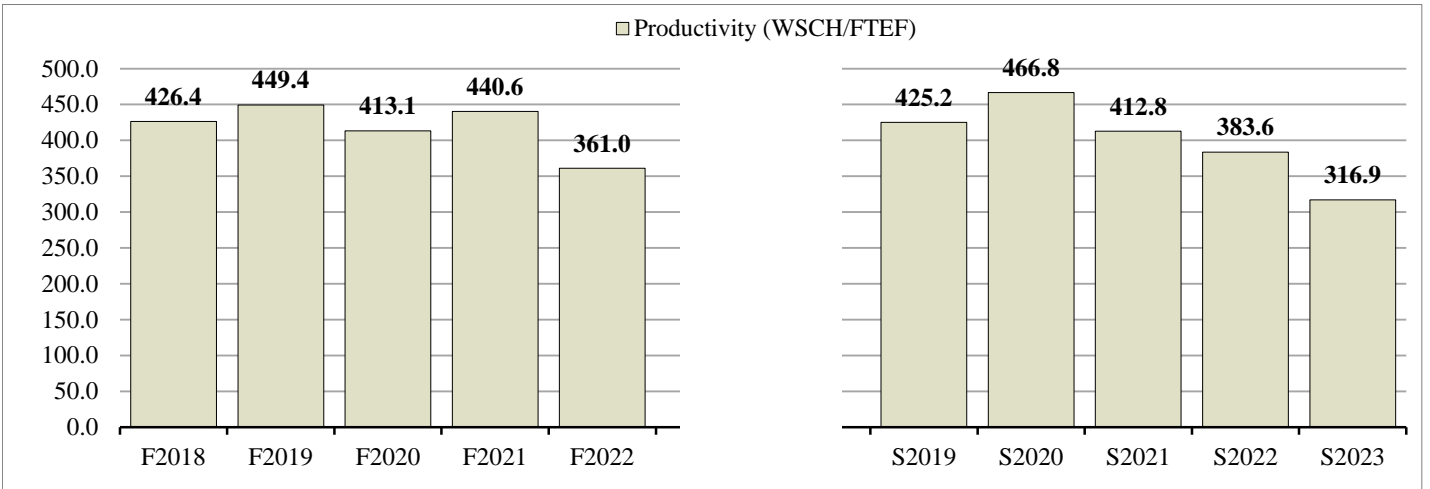
**Course Non-Success Rate:** Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

**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 Information Systems (includes Non-Credit) ( CIS/NCIS )										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
WSCH	1,827	1,833	1,743	1,536	1,357	1,858	2,110	1,704	1,602	1,236
FTES	57.8	58.4	55.5	48.9	44.3	59.7	66.4	55.3	51.0	40.0
FTEF	4.3	4.1	4.2	3.5	3.8	4.4	4.5	4.1	4.2	3.9
Productivity (WSCH/FTEF)	426.4	449.4	413.1	440.6	361.0	425.2	466.8	412.8	383.6	316.9



**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.

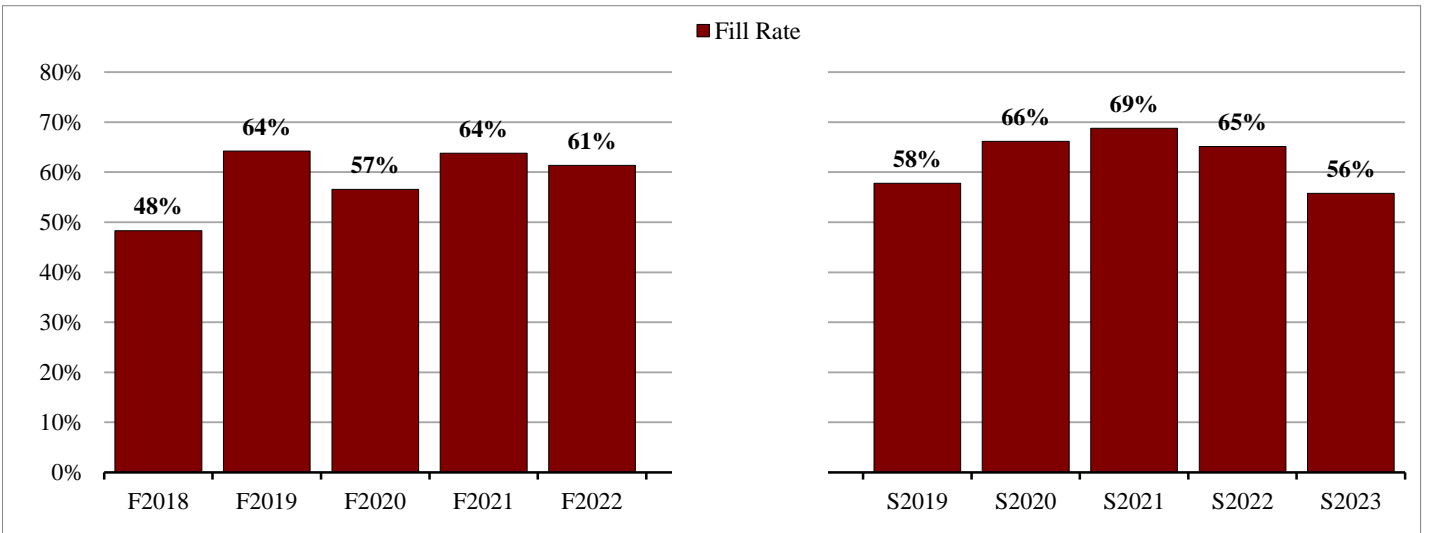
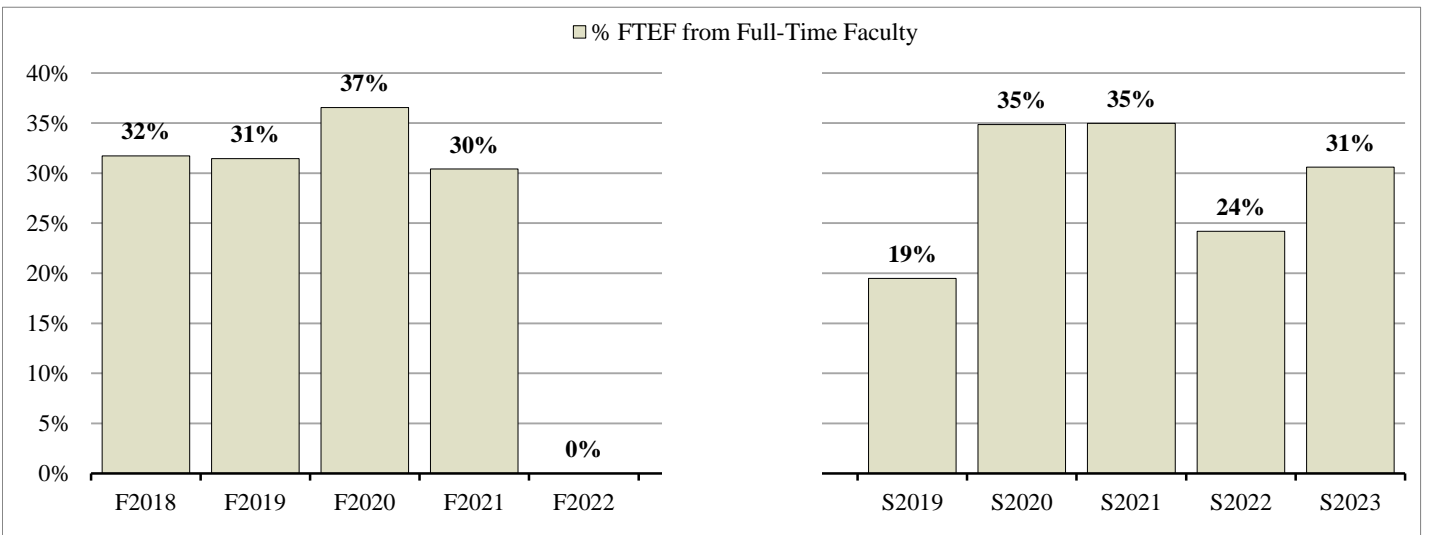
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**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				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
FTEF from Full-Time Faculty	1.4	1.3	1.5	1.1	0.0	0.9	1.6	1.4	1.0	1.2
% FTEF from Full-Time Faculty	32%	31%	37%	30%	0%	19%	35%	35%	24%	31%
Enrollments	482	487	449	396	338	468	532	454	403	319
Capacity (seats available)	998	758	794	621	551	810	804	660	619	572
Fill Rate	48%	64%	57%	64%	61%	58%	66%	69%	65%	56%



**Definitions:**

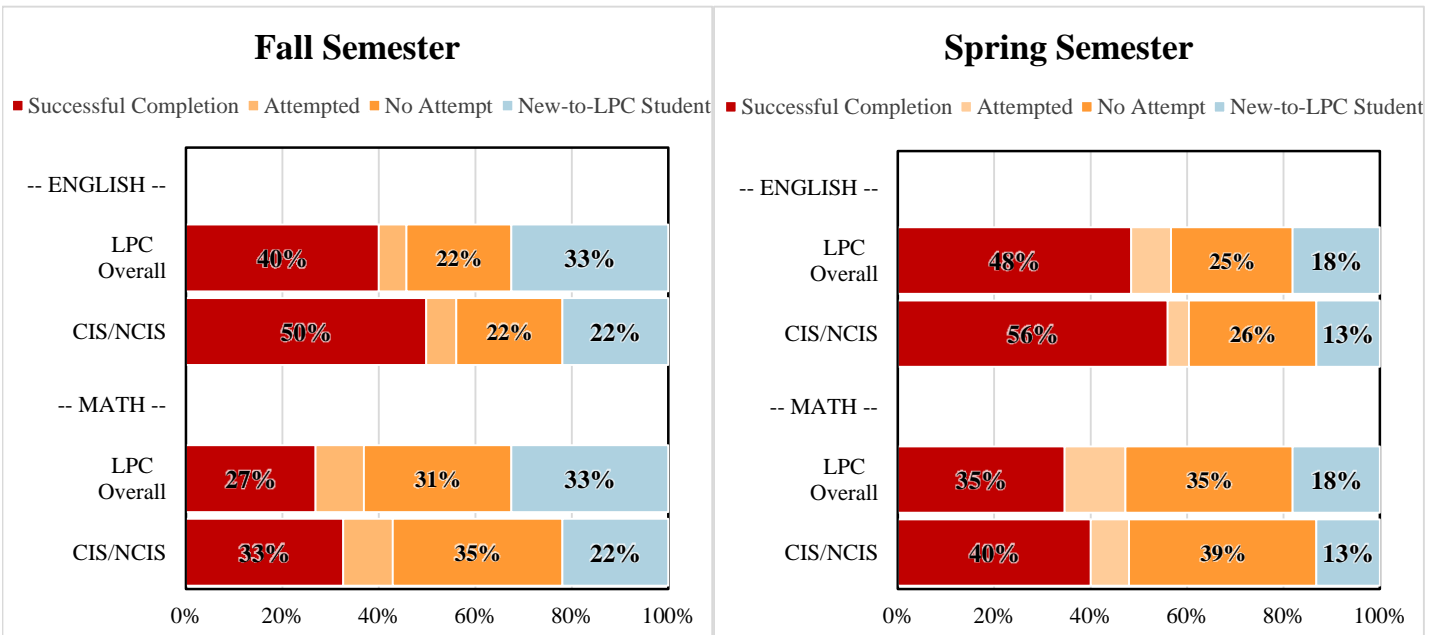
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% 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			
	CIS/NCIS		LPC Overall		CIS/NCIS		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
<b>Transfer-level English</b>								
Successful Completion*	136	50%	2,729	40%	140	56%	3,203	48%
Attempted ( <i>not successful</i> )	17	6%	391	6%	11	4%	546	8%
No Attempt	60	22%	1,484	22%	66	26%	1,672	25%
New-to-LPC Student	60	22%	2,221	33%	33	13%	1,197	18%
<b>Transfer-level Math</b>								
Successful Completion*	89	33%	1,835	27%	100	40%	2,288	35%
Attempted ( <i>not successful</i> )	28	10%	683	10%	20	8%	837	13%
No Attempt	96	35%	2,086	31%	97	39%	2,296	35%
New-to-LPC Student	60	22%	2,221	33%	33	13%	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.