Las Positas College

Discipline Program Review Data Packet

Fall 2019 to Spring 2024

Discipline:

Emergency Medical Services (EMS)

Office of Research, Planning, and Institutional Effectiveness
Las Positas College

Headcount & Enrollment

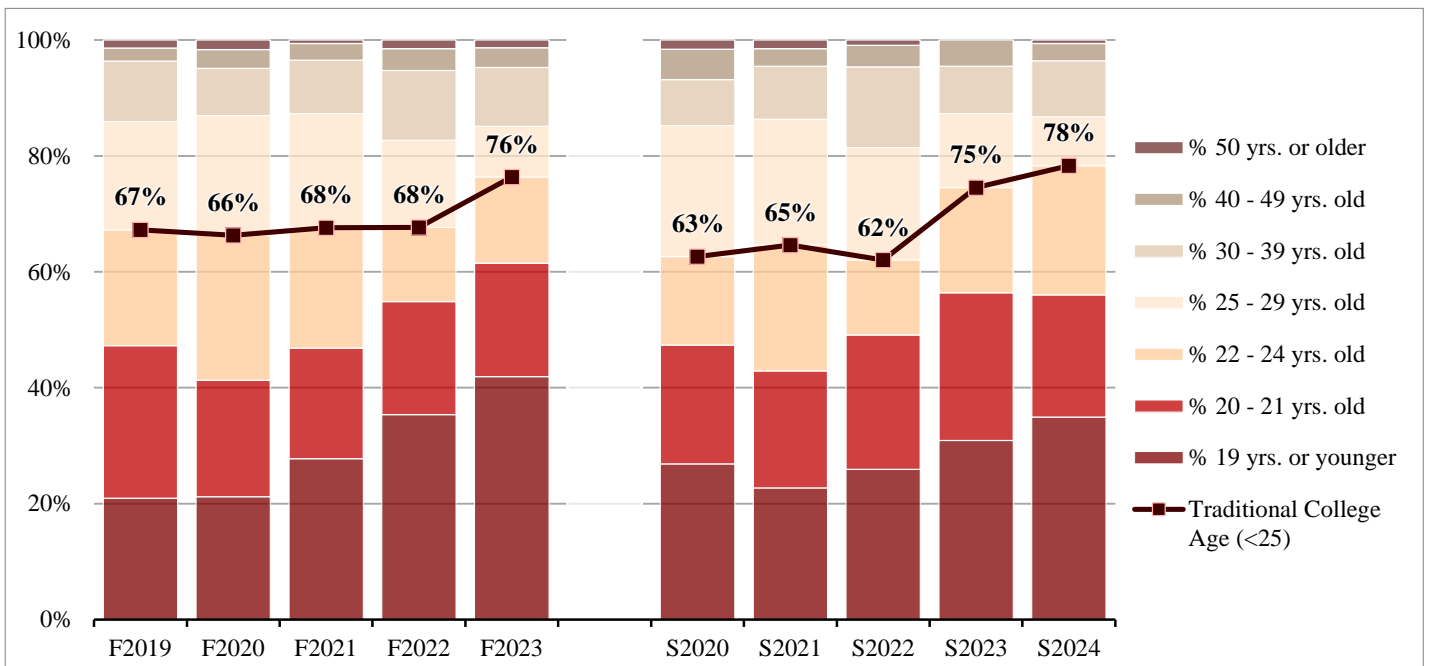| Emergency Medical Services (EMS)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Student Headcount	220	184	173	133	148	190	198	108	110	166
Total Course Enrollments	302	220	230	170	169	231	229	141	133	177
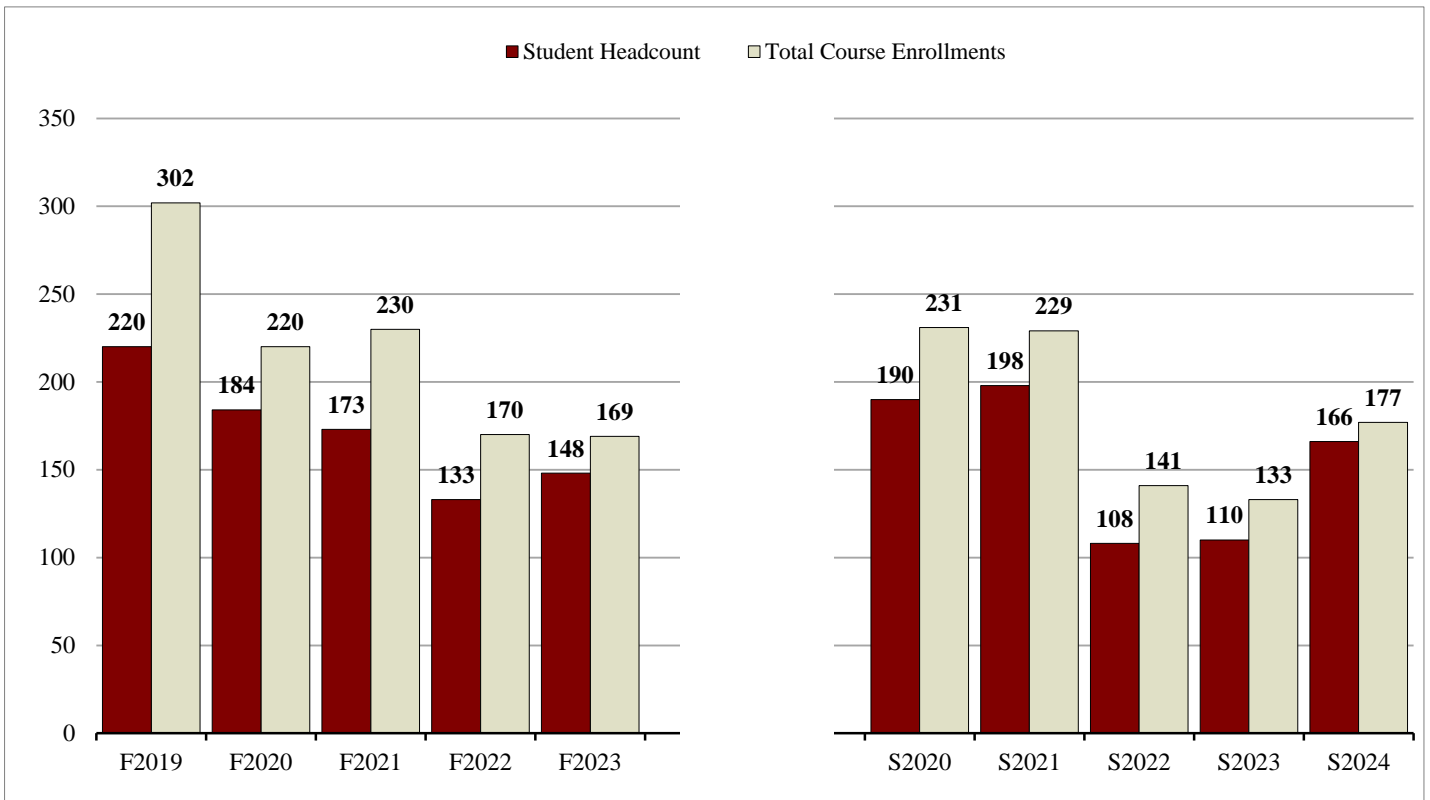
Definitions:

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.
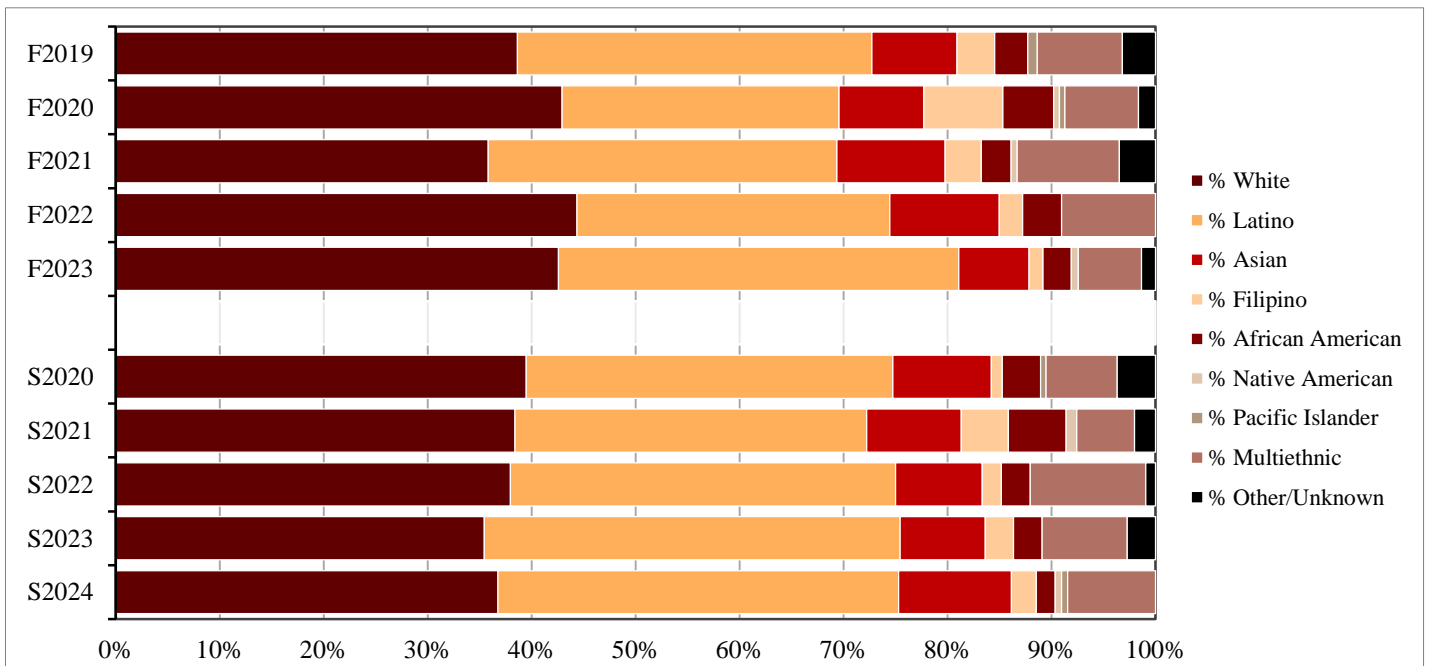
Student Demographics: Gender & Age

Emergency Medical Services (EMS)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Female	79	65	52	40	45	58	69	32	37	56
Male	135	118	119	91	96	129	127	76	71	99
19 yrs. or younger	46	39	48	47	62	51	45	28	34	58
20-21 yrs. old	58	37	33	26	29	39	40	25	28	35
22-24 yrs. old	44	46	36	17	22	29	43	14	20	37
25-29 yrs. old	41	38	34	20	13	43	43	21	14	14
30-39 yrs. old	23	15	16	16	15	15	18	15	9	16
40-49 yrs. old	5	6	5	5	5	10	6	4	5	5
50 yrs. or older	3	3	1	2	2	3	3	1	0	1
% Female	37%	36%	30%	31%	32%	31%	35%	30%	34%	36%
% Male	63%	64%	70%	69%	68%	69%	65%	70%	66%	64%
% 19 yrs. or younger	21%	21%	28%	35%	42%	27%	23%	26%	31%	35%
% 20 - 21 yrs. old	26%	20%	19%	20%	20%	21%	20%	23%	25%	21%
% 22 - 24 yrs. old	20%	25%	21%	13%	15%	15%	22%	13%	18%	22%
% 25 - 29 yrs. old	19%	21%	20%	15%	9%	23%	22%	19%	13%	8%
% 30 - 39 yrs. old	10%	8%	9%	12%	10%	8%	9%	14%	8%	10%
% 40 - 49 yrs. old	2%	3%	3%	4%	3%	5%	3%	4%	5%	3%
% 50 yrs. or older	1%	2%	1%	2%	1%	2%	2%	1%	0%	1%

Student Demographic: Race-Ethnicity

Emergency Medical Services (EMS)										
	Fall Terms					**Spring Terms**				
	F2019	**F2020**	**F2021**	**F2022**	**F2023**	**S2020**	**S2021**	**S2022**	**S2023**	**S2024**
African American	7	9	5	5	4	7	11	3	3	3
Asian	18	15	18	14	10	18	18	9	9	18
Filipino	8	14	6	3	2	2	9	2	3	4
Latino	75	49	58	40	57	67	67	40	44	64
Native American	0	1	1	0	1	0	2	0	0	1
Pacific Islander	2	1	0	0	0	1	0	0	0	1
White	85	79	62	59	63	75	76	41	39	61
Multiethnic	18	13	17	12	9	13	11	12	9	14
Other/Unknown	7	3	6	0	2	7	4	1	3	0
% African American	3%	5%	3%	4%	3%	4%	6%	3%	3%	2%
% Asian	8%	8%	10%	11%	7%	9%	9%	8%	8%	11%
% Filipino	4%	8%	3%	2%	1%	1%	5%	2%	3%	2%
% Latino	34%	27%	34%	30%	39%	35%	34%	37%	40%	39%
% Native American	0%	1%	1%	0%	1%	0%	1%	0%	0%	1%
% Pacific Islander	1%	1%	0%	0%	0%	1%	0%	0%	0%	1%
% White	39%	43%	36%	44%	43%	39%	38%	38%	35%	37%
% Multiethnic	8%	7%	10%	9%	6%	7%	6%	11%	8%	8%
% Other/Unknown	3%	2%	3%	0%	1%	4%	2%	1%	3%	0%

Student Enrollment Status

Emergency Medical Services (EMS)										
	Fall Terms					**Spring Terms**				
	F2019	**F2020**	**F2021**	**F2022**	**F2023**	**S2020**	**S2021**	**S2022**	**S2023**	**S2024**
First-Time Any College	22	28	28	27	45	5	3	1	8	9
First-Time Transfer	24	34	23	14	29	25	23	12	11	24
Continuing	150	94	92	67	51	127	134	78	68	103
Returning	24	26	30	24	21	29	34	15	22	25
Concurrent Enrollment	0	2	0	1	2	4	4	2	1	5
% First-Time Any College	10%	15%	16%	20%	30%	3%	2%	1%	7%	5%
% First-Time Transfer	11%	18%	13%	11%	20%	13%	12%	11%	10%	14%
% Continuing	68%	51%	53%	50%	34%	67%	68%	72%	62%	62%
% Returning	11%	14%	17%	18%	14%	15%	17%	14%	20%	15%
% Concurrent Enrollment	0%	1%	0%	1%	1%	2%	2%	2%	1%	3%
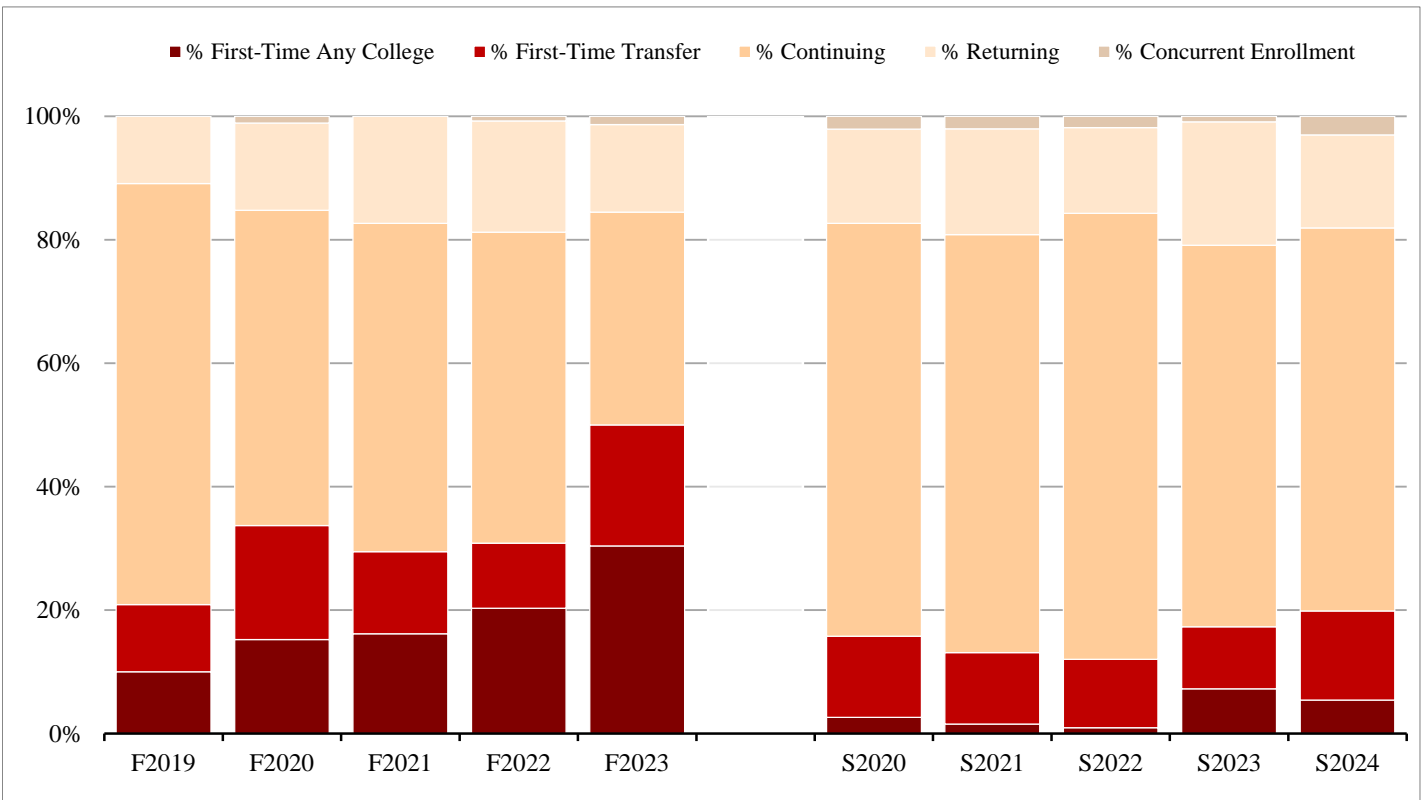
Definitions:

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

Emergency Medical Services (EMS)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Full-Time (15+ units)	16	12	15	9	20	12	12	8	7	15
Full-Time (12 - 14.5 units)	44	44	28	23	38	51	30	18	16	42
Part-Time (6 - 11.5 units)	125	94	106	74	67	105	117	69	62	79
Part-Time (0.5 - 5.5 units)	35	34	24	27	23	22	39	13	25	30
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	7%	7%	9%	7%	14%	6%	6%	7%	6%	9%
% Full-Time (12 - 14.5)	20%	24%	16%	17%	26%	27%	15%	17%	15%	25%
% Part-Time (6 - 11.5)	57%	51%	61%	56%	45%	55%	59%	64%	56%	48%
% Part-Time (0.5 - 5.5)	16%	18%	14%	20%	16%	12%	20%	12%	23%	18%
% Non-Credit Only	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Students Using Distance Education
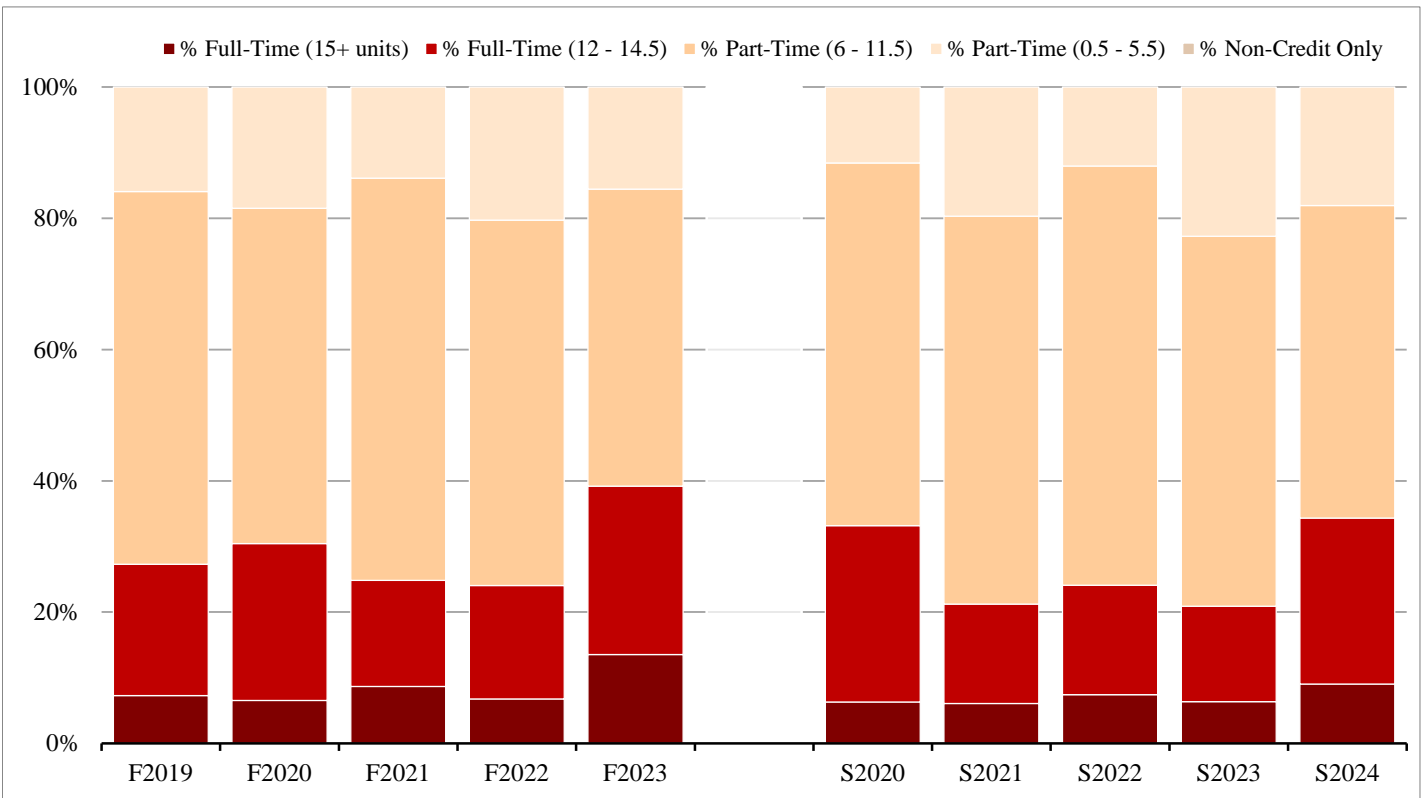
| Emergency Medical Services (EMS)										
	Fall Terms					**Spring Terms**				
(Categories reflect college-wide coursework)	**F2019**	**F2020**	**F2021**	**F2022**	**F2023**	**S2020**	**S2021**	**S2022**	**S2023**	**S2024**
Face-to-Face (F2F) Only	202	0	70	72	75	151	0	72	62	70
Both F2F and DE	18	4	98	61	73	39	45	36	48	96
Distance Education (DE) Only	0	180	5	0	0	0	153	0	0	0
% Face-to-Face (F2F) Only	92%	0%	40%	54%	51%	79%	0%	67%	56%	42%
% Both F2F and DE	8%	2%	57%	46%	49%	21%	23%	33%	44%	58%
% Distance Education (DE) Only	0%	98%	3%	0%	0%	0%	77%	0%	0%	0%
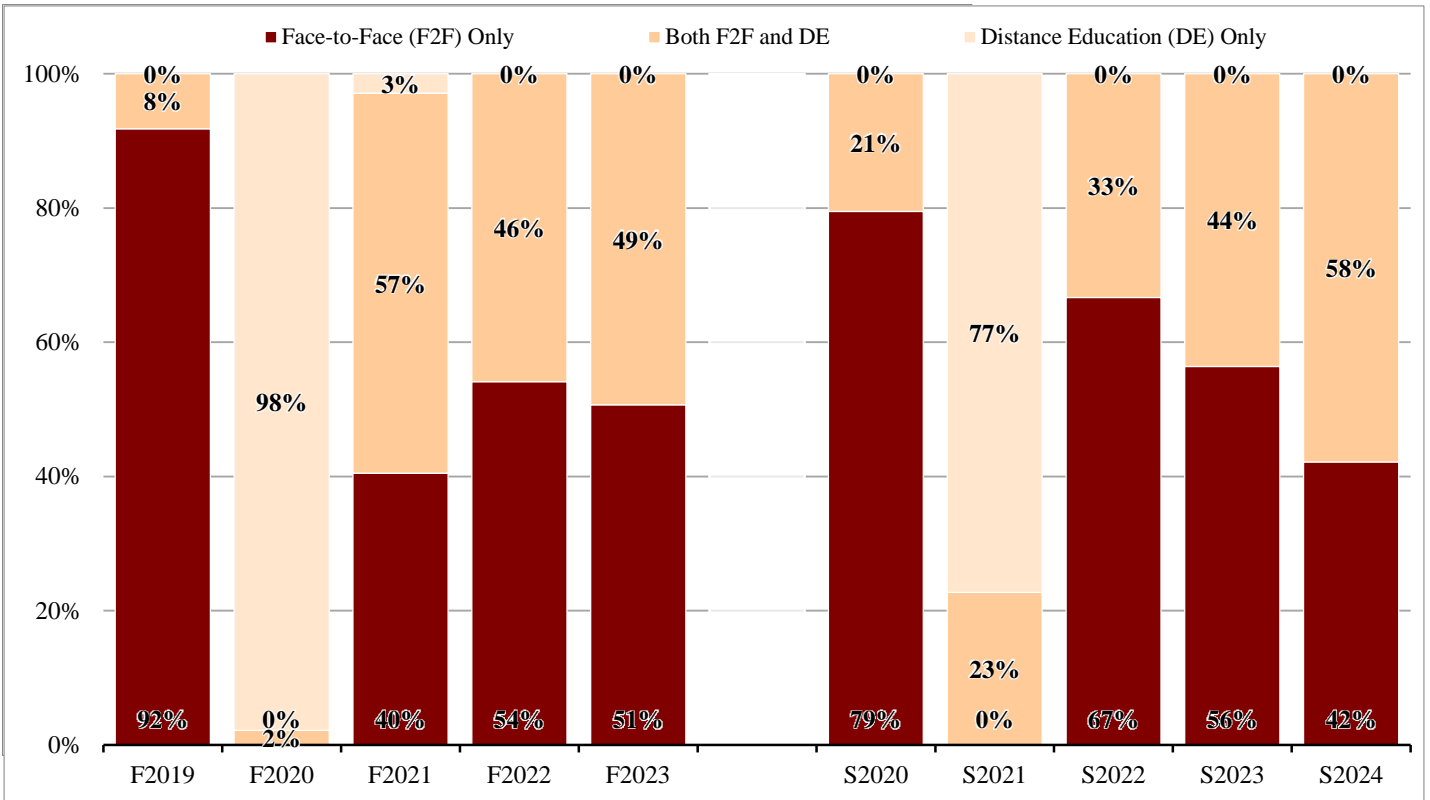
Definitions:

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 preset, via course attributes identifying course modality, or, when no attributes are provided, via section numbers (as previously indicated).

Student Educational Goal

Emergency Medical Services (EMS)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Transfer (w/ or w/o AA/AS degree)	99	66	69	59	57	75	75	42	53	64
Associate Degree Only (AA/AS)	30	24	30	18	24	36	27	15	5	21
Occupational Certificate / Job Training	70	76	54	40	53	56	69	38	42	57
Improve English/Math Basic Skills	0	4	1	2	1	0	1	2	0	3
Personal Development (intellectual/cultural)	3	1	7	8	5	2	14	6	5	7
Other	0	0	1	0	0	1	0	1	1	1
Undecided	18	13	11	6	8	20	11	4	4	13
Unknown	0	0	0	0	0	0	1	0	0	0
% Transfer (w/ or w/o AA/AS degree)	45%	36%	40%	44%	39%	39%	38%	39%	48%	39%
% Associate Degree Only (AA/AS)	14%	13%	17%	14%	16%	19%	14%	14%	5%	13%
% Occupational Certificate / Job Training	32%	41%	31%	30%	36%	29%	35%	35%	38%	34%
% Improve English/Math Basic Skills	0%	2%	1%	2%	1%	0%	1%	2%	0%	2%
% Personal Dev. (intellectual/cultural)	1%	1%	4%	6%	3%	1%	7%	6%	5%	4%
% Other	0%	0%	1%	0%	0%	1%	0%	1%	1%	1%
% Undecided	8%	7%	6%	5%	5%	11%	6%	4%	4%	8%
% Unknown	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
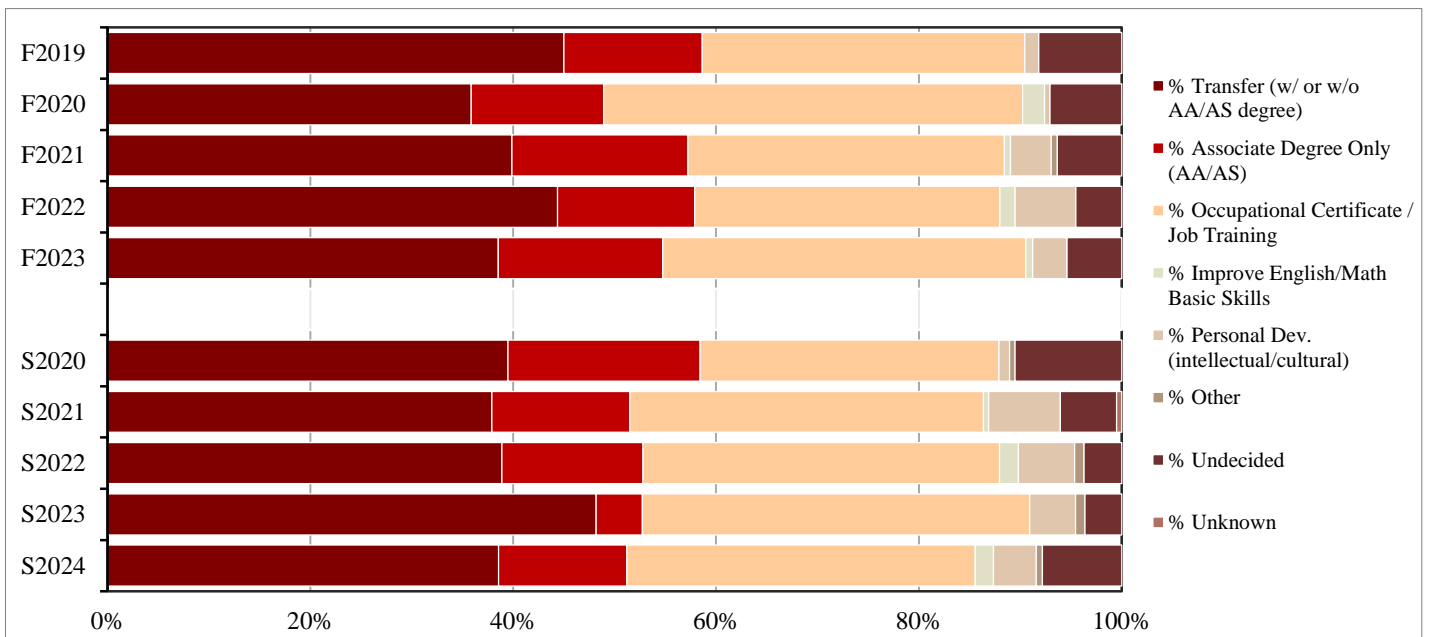
Definitions:

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

Emergency Medical Services (EMS)										
	Fall Terms					**Spring Terms**				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
High School/Adult School	0	2	2	1	2	5	5	2	1	6
Freshmen (<30 units)	107	82	89	63	94	85	84	60	58	102
Sophomore (30-59 units)	50	29	34	27	14	42	39	20	23	20
Other Undergraduate (60 units or more)	28	30	19	19	13	27	30	8	14	11
AA/AS Degree	8	7	10	12	8	8	9	6	6	10
BA/BS or Higher Degree	27	34	19	11	17	23	31	12	8	17
% High School/Adult School	0%	1%	1%	1%	1%	3%	3%	2%	1%	4%
% Freshmen (<30 units)	49%	45%	51%	47%	64%	45%	42%	56%	53%	61%
% Sophomore (30-59 units)	23%	16%	20%	20%	9%	22%	20%	19%	21%	12%
% Other Undergraduate (60 units or more)	13%	16%	11%	14%	9%	14%	15%	7%	13%	7%
% AA/AS Degree	4%	4%	6%	9%	5%	4%	5%	6%	5%	6%
% BA/BS or Higher Degree	12%	18%	11%	8%	11%	12%	16%	11%	7%	10%
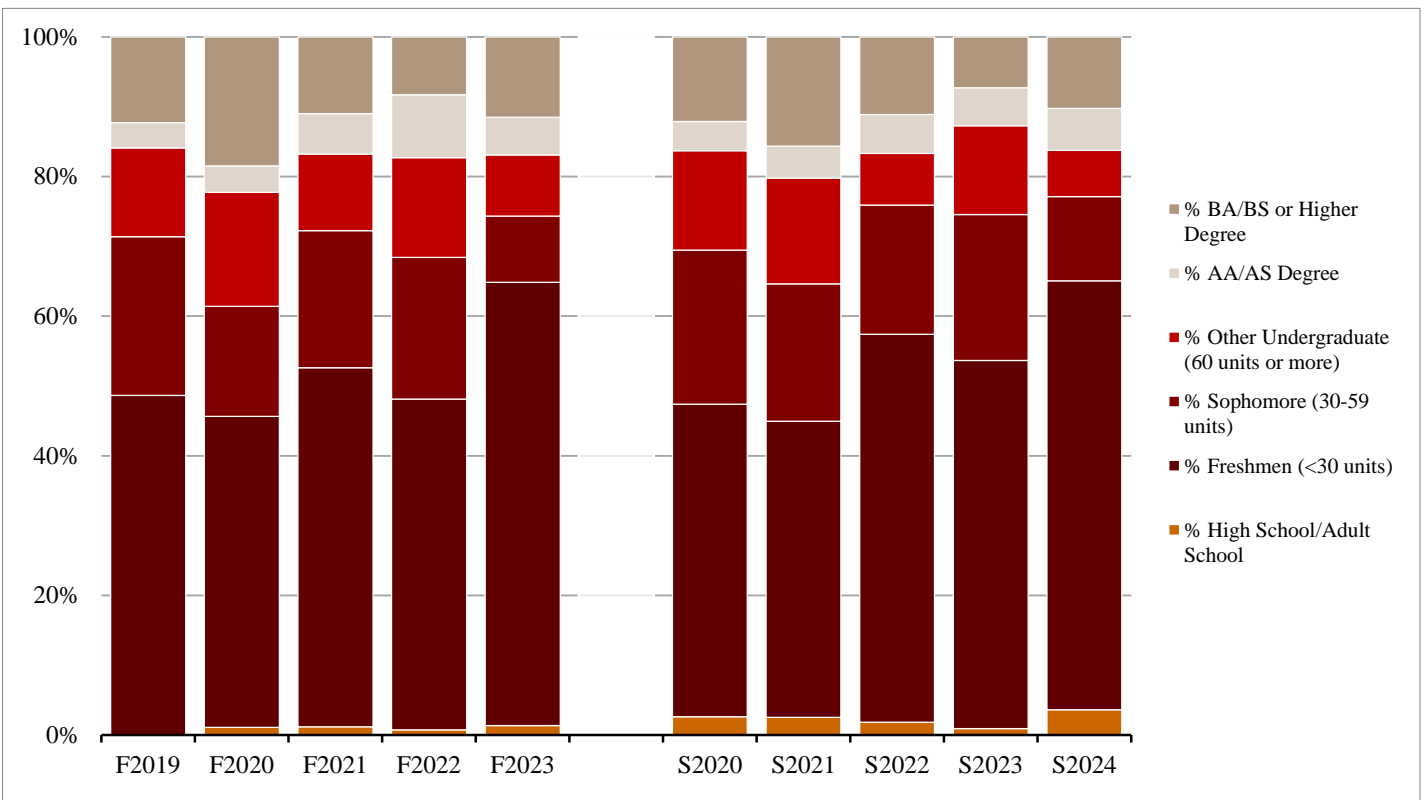
Student Performance: Grade Distribution

| Emergency Medical Services (EMS)										
	Fall Terms					**Spring Terms**				
	F2019	**F2020**	**F2021**	**F2022**	**F2023**	**S2020**	**S2021**	**S2022**	**S2023**	**S2024**
Total Course Enrollments	302	220	230	170	169	231	229	141	133	177
Course Success Rates	**80%**	**87%**	**77%**	**76%**	**79%**	**64%**	**78%**	**85%**	**78%**	**79%**
A	32%	54%	23%	46%	35%	36%	44%	39%	24%	38%
B	25%	15%	26%	10%	28%	13%	20%	19%	28%	27%
C	7%	3%	7%	3%	5%	4%	5%	6%	10%	5%
P	16%	16%	22%	17%	11%	11%	10%	21%	16%	9%
Course Non-Success Rate	**8%**	**5%**	**9%**	**9%**	**13%**	**13%**	**5%**	**8%**	**12%**	**12%**
D	2%	<1%	2%	2%	4%	1%	1%	1%	1%	2%
F*	6%	4%	7%	7%	8%	12%	4%	6%	12%	11%
Withdrawals (See Note)	**12%**	**9%**	**14%**	**15%**	**8%**	**23%**	**17%**	**7%**	**9%**	**9%**
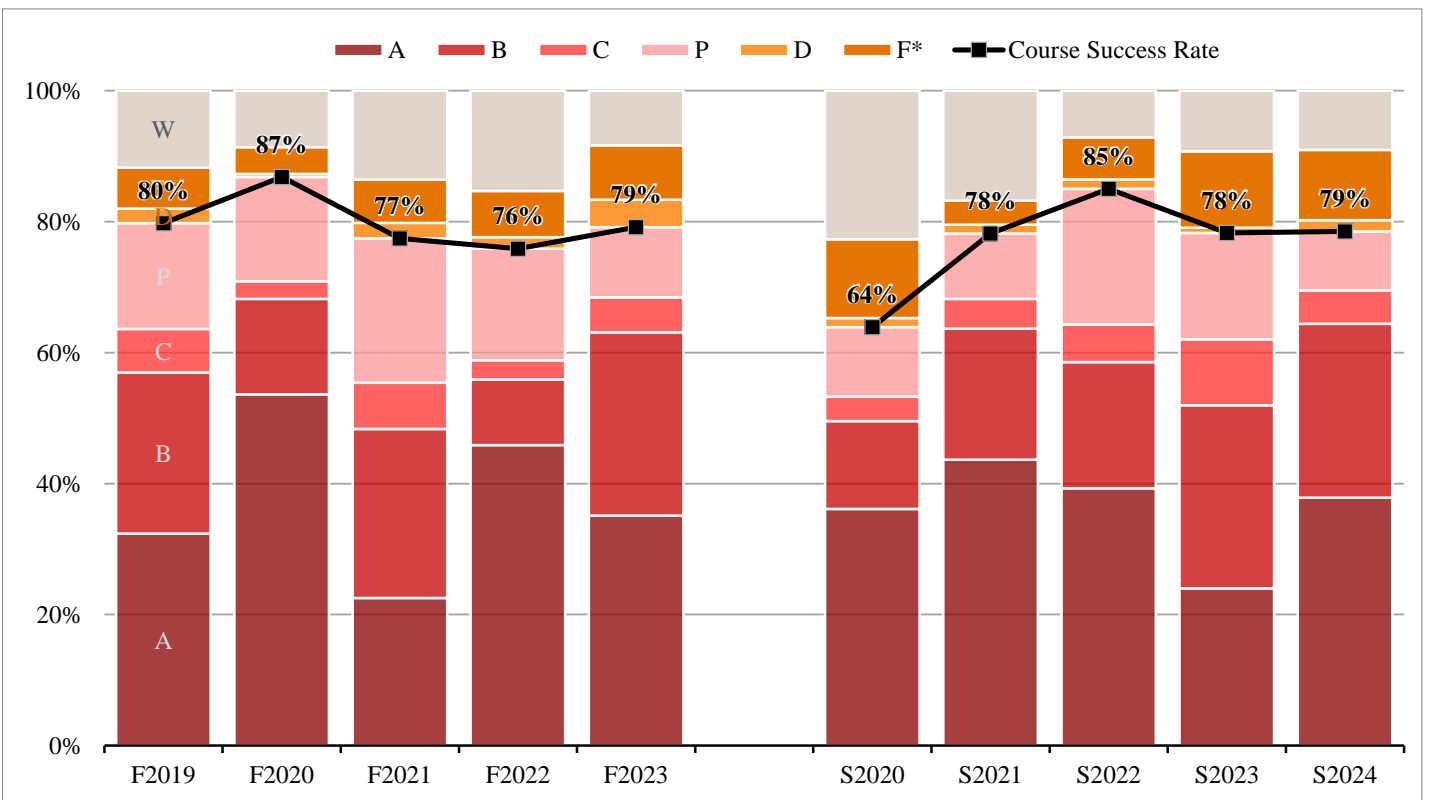
Definitions:

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

Emergency Medical Services (EMS)										
	Fall Terms					**Spring Terms**				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Total Course Enrollments	302	220	230	170	169	231	229	141	133	177
Face-to-Face (F2F) Sections	302	0	230	170	169	231	24	141	133	177
Success Rates	80%	—	77%	76%	79%	64%	92%	85%	78%	79%
Non-Success Rates	8%	—	9%	9%	13%	13%	0%	8%	12%	12%
Withdrawals	12%	—	14%	15%	8%	23%	8%	7%	9%	9%
Distance Education (DE) Sections	0	220	0	0	0	0	205	0	0	0
Success Rates	—	87%	—	—	—	—	77%	—	—	—
Non-Success Rates	—	5%	—	—	—	—	6%	—	—	—
Withdrawals	—	9%	—	—	—	—	18%	—	—	—
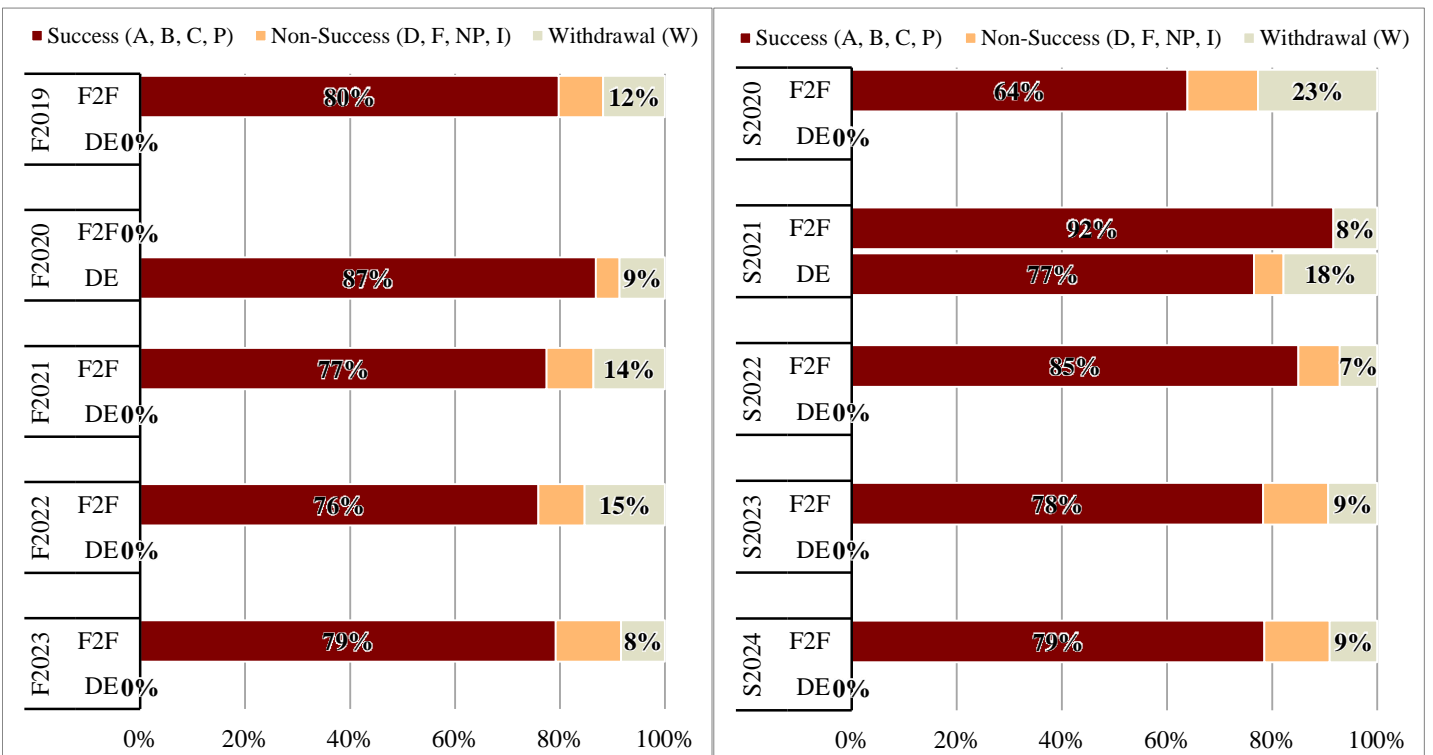
Definitions:

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

Enrollment Management: Part 1

Emergency Medical Services (EMS)										
	Fall Terms					**Spring Terms**				
	F2019	**F2020**	**F2021**	**F2022**	**F2023**	**S2020**	**S2021**	**S2022**	**S2023**	**S2024**
WSCH	1,663	1,263	1,319	784	799	1,234	1,351	830	661	845
FTES	55.1	41.1	42.8	25.8	25.9	40.7	43.9	26.9	21.9	27.7
FTEF	3.1	2.8	2.7	1.8	2.4	2.8	2.7	2.7	1.3	1.7
Productivity (WSCH/FTEF)	528.1	449.1	486.4	435.6	331.0	446.9	509.4	302.9	490.0	507.5
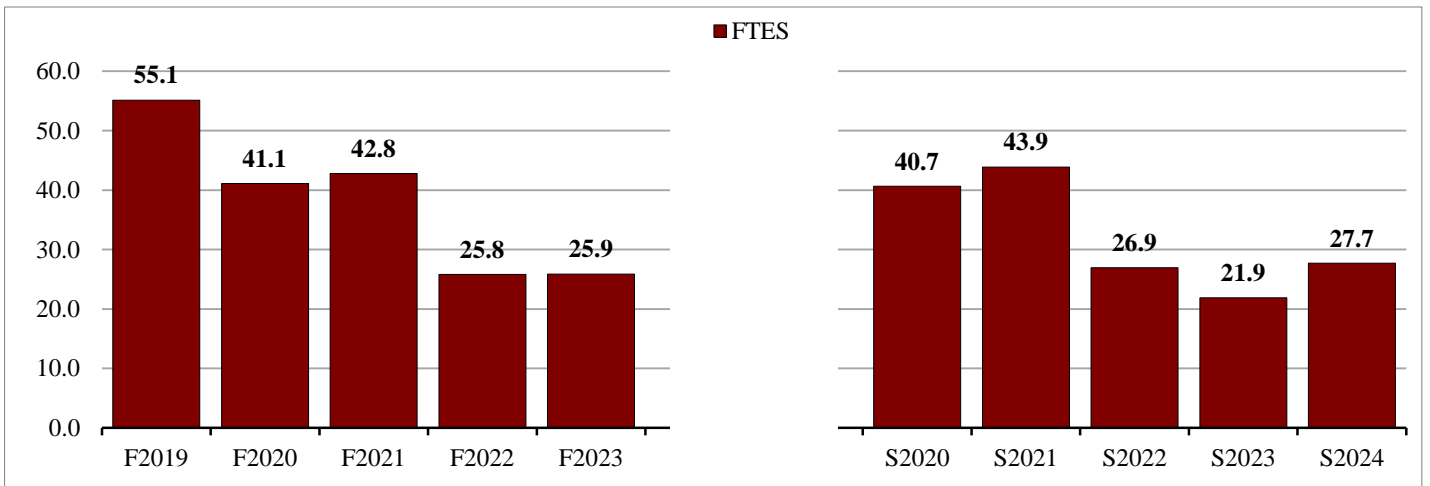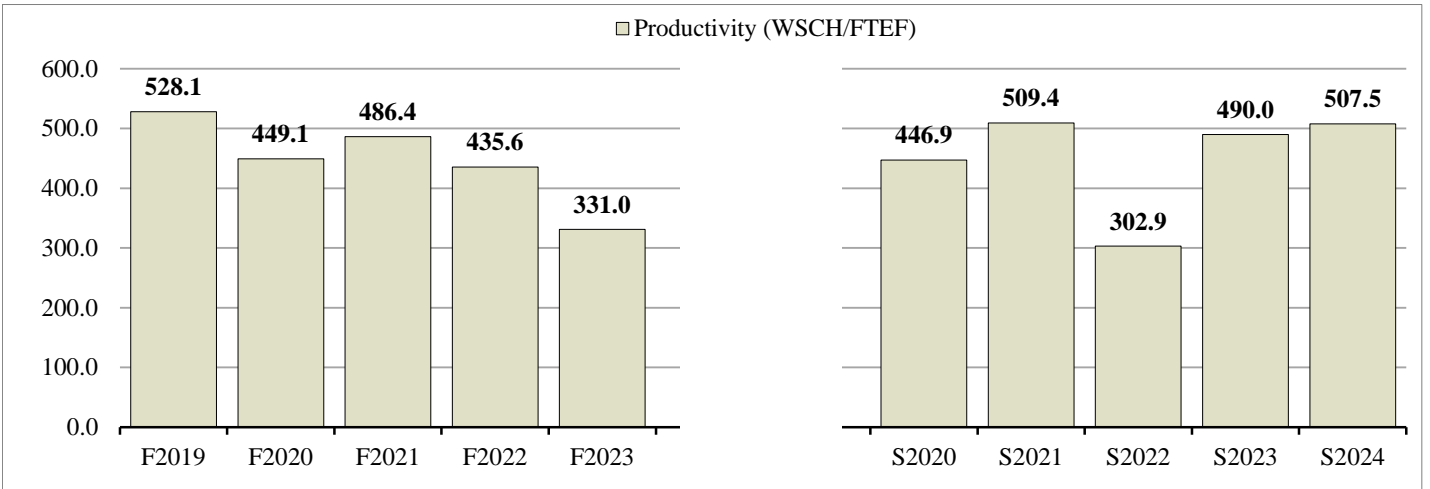
Definitions:

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

| Emergency Medical Services (EMS)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
FTEF from Full-Time Faculty	1.2	1.2	0.0	1.0	0.7	1.0	1.0	0.0	0.0	0.7
% FTEF from Full-Time Faculty	38%	43%	0%	56%	29%	36%	38%	0%	0%	42%
Enrollments	302	220	230	170	169	231	229	141	133	177
Capacity (seats available)	382	178	272	472	404	252	286	252	294	268
Fill Rate	79%	124%	85%	36%	42%	92%	80%	56%	45%	66%
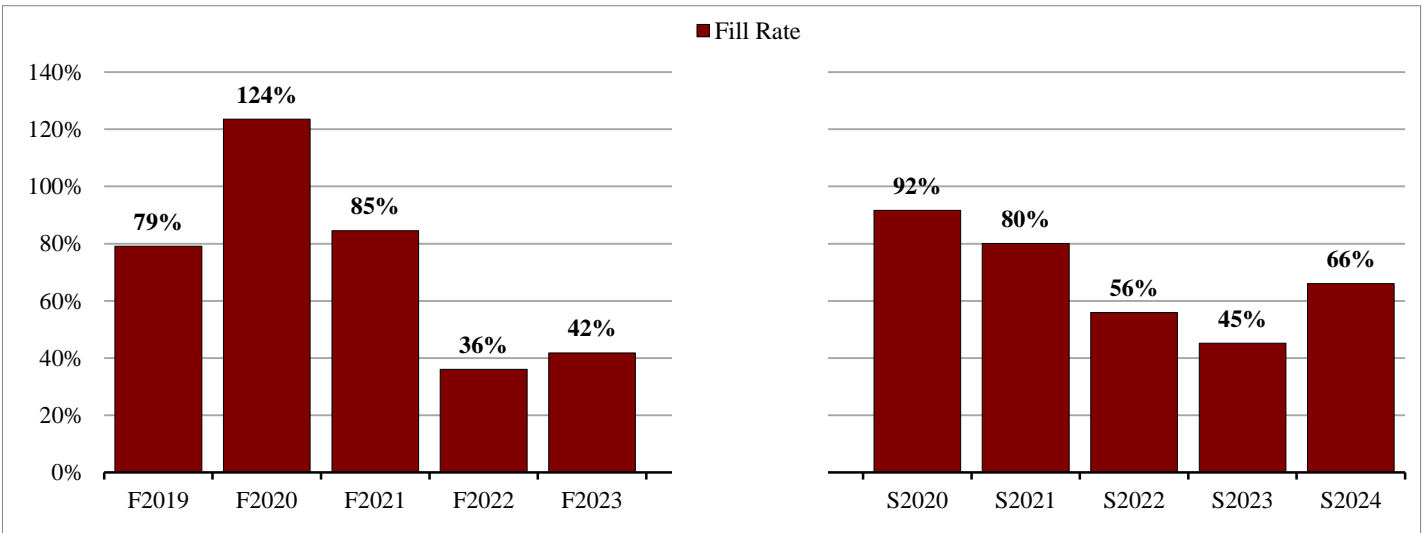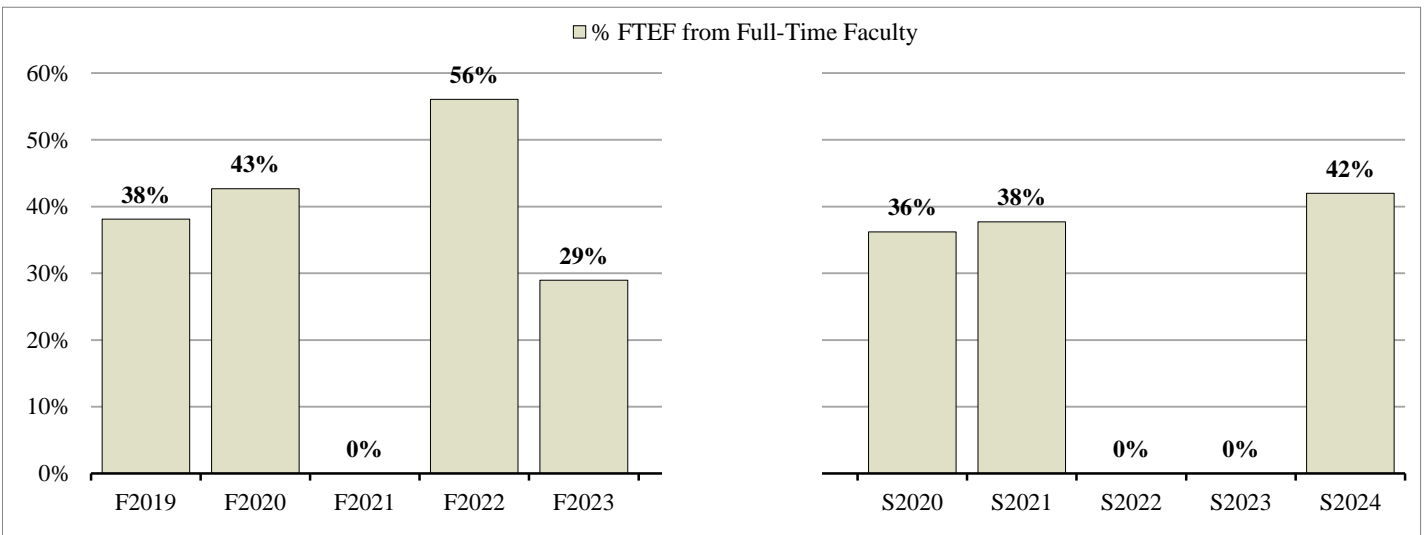
Definitions:

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 2023				Spring 2024			
	EMS		**LPC Overall**		**EMS**		**LPC Overall**	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
Transfer-level English								
Successful Completion*	33	22%	2,796	37%	57	34%	3,393	45%
Attempted *(not successful)*	8	5%	454	6%	17	10%	600	8%
No Attempt	46	31%	1,652	22%	54	33%	2,036	27%
New-to-LPC Student	61	41%	2,703	36%	38	23%	1,472	20%
Transfer-level Math								
Successful Completion*	25	17%	1,971	26%	33	20%	2,498	33%
Attempted *(not successful)*	12	8%	752	10%	21	13%	986	13%
No Attempt	50	34%	2,179	29%	74	45%	2,545	34%
New-to-LPC Student	61	41%	2,703	36%	38	23%	1,472	20%

Fall Semester / **Spring Semester**
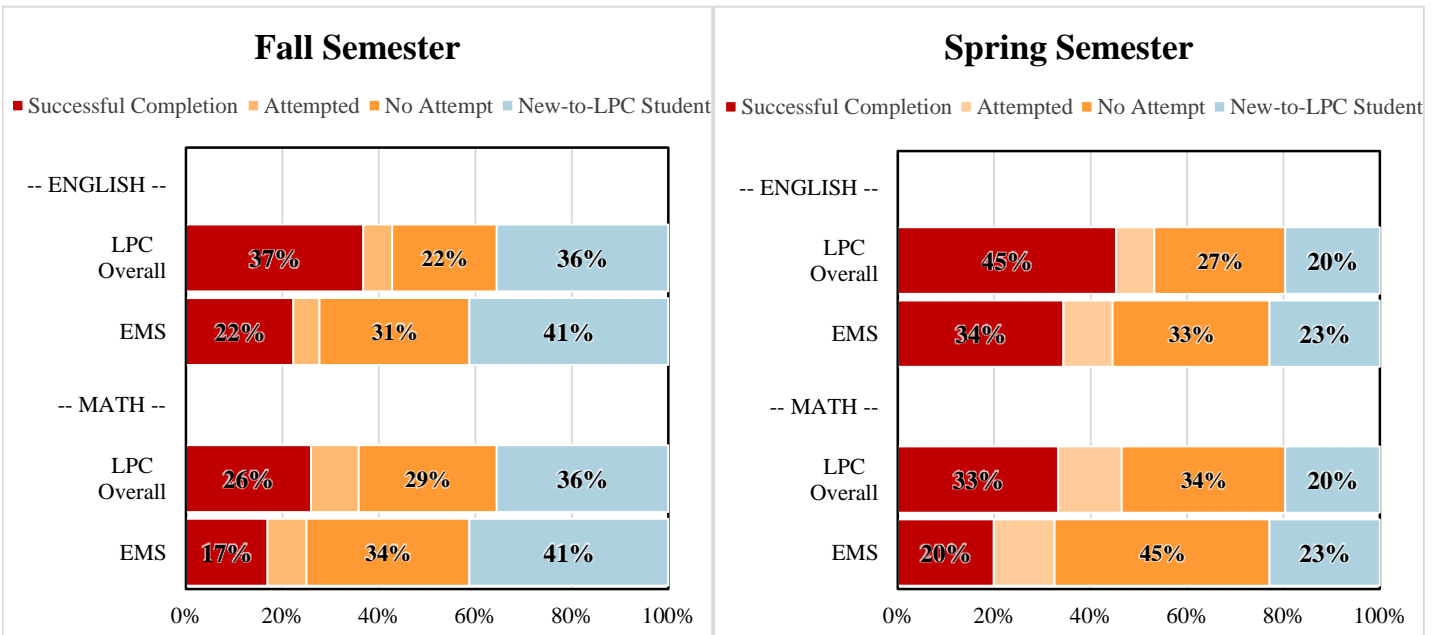
Definitions:

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.