Las Positas College

Discipline Program Review Data Packet

Spring 2018 to Spring 2022

Discipline:

Emergency Medical Services (EMS)

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

Headcount & Enrollment

Emergency Medical Services (EMS)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Student Headcount	170	232	190	198	108
Total Course Enrollments	199	302	231	229	141
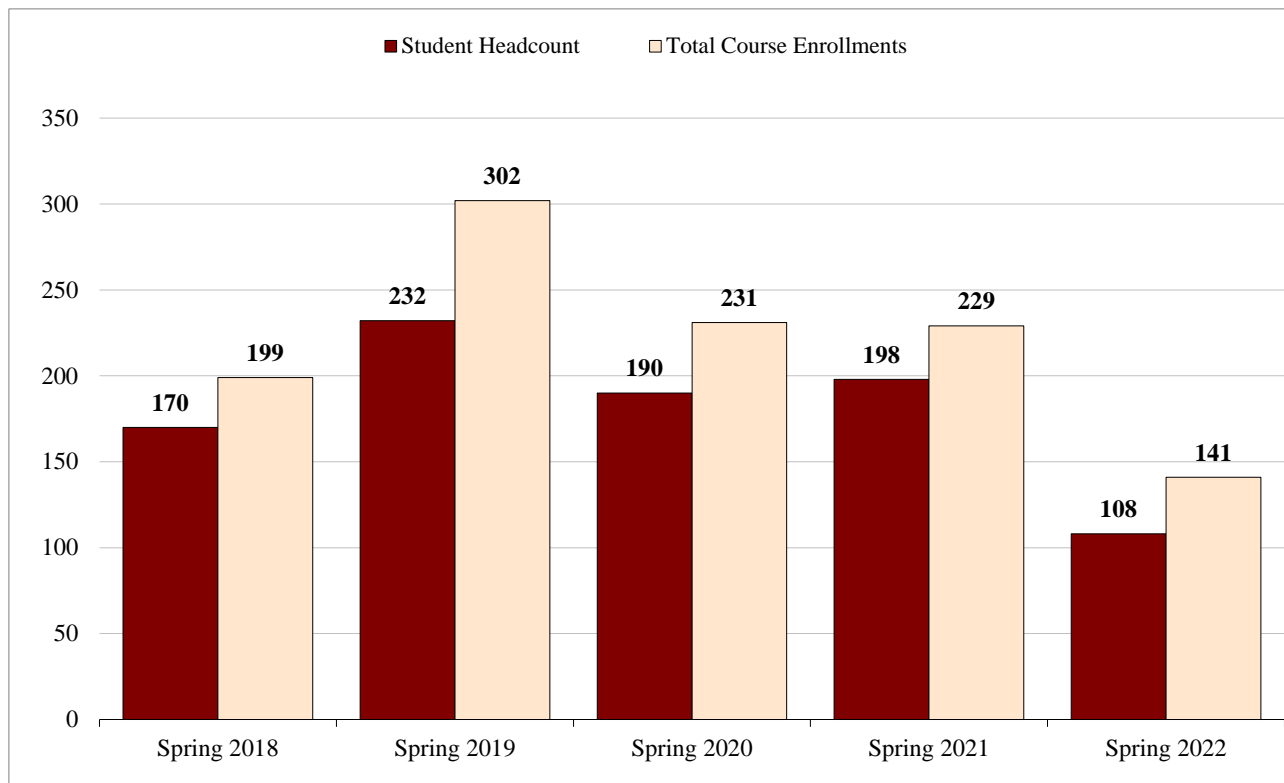
Student Demographics: Gender & Age

Emergency Medical Services (EMS)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
Female	42	84	58	69	32
Male	123	147	129	127	76
19 yrs. or younger	44	55	51	45	28
20-21 yrs. old	37	50	39	40	25
22-24 yrs. old	33	51	29	43	14
25-29 yrs. old	36	35	43	43	21
30-39 yrs. old	15	29	15	18	15
40-49 yrs. old	5	7	10	6	4
50 yrs. or older	0	5	3	3	1
% Female	25%	36%	31%	35%	30%
% Male	75%	64%	69%	65%	70%
% 19 yrs. or younger	26%	24%	27%	23%	26%
% 20 - 21 yrs. old	22%	22%	21%	20%	23%
% 22 - 24 yrs. old	19%	22%	15%	22%	13%
% 25 - 29 yrs. old	21%	15%	23%	22%	19%
% 30 - 39 yrs. old	9%	13%	8%	9%	14%
% 40 - 49 yrs. old	3%	3%	5%	3%	4%
% 50 yrs. or older	0%	2%	2%	2%	1%
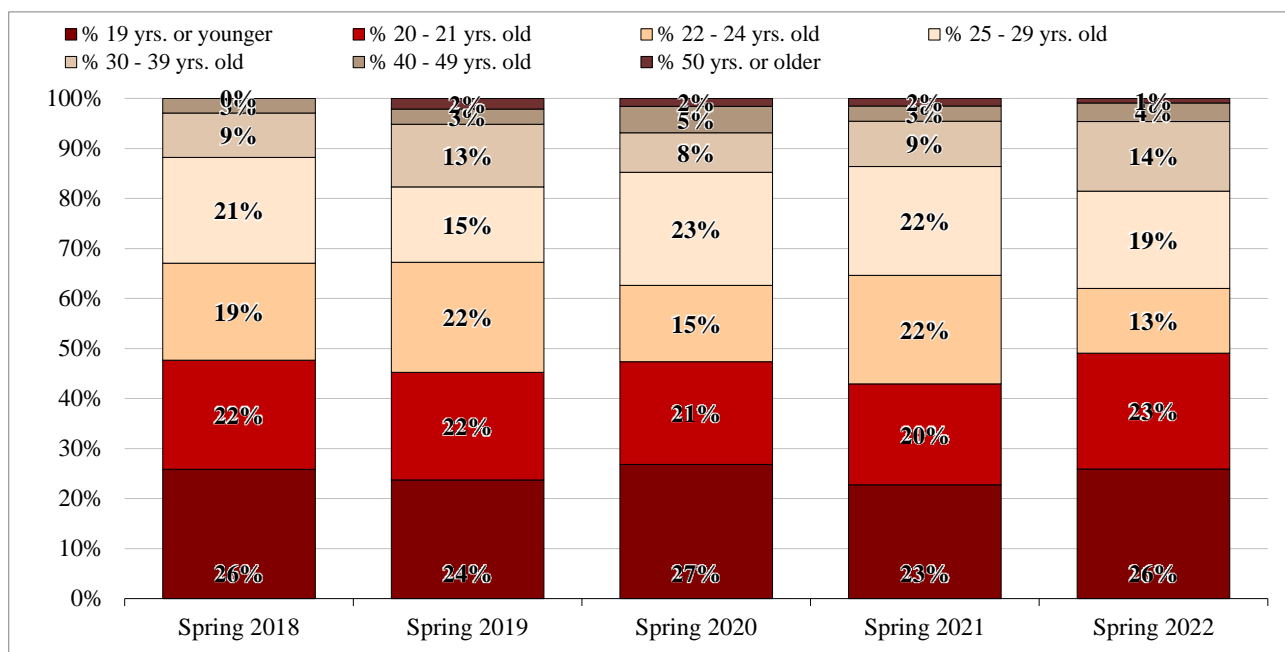
Student Demographic: Race-Ethnicity

Emergency Medical Services (EMS)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
African American	5	6	7	11	3
Asian	9	21	18	18	9
Filipino	3	10	2	9	2
Latino	58	77	67	67	40
Native American	1	1	0	2	0
Pacific Islander	1	1	1	0	0
White	74	95	75	76	41
Multiethnic	16	19	13	11	12
Other/Unknown	3	2	7	4	1
% African American	3%	3%	4%	6%	3%
% Asian	5%	9%	9%	9%	8%
% Filipino	2%	4%	1%	5%	2%
% Latino	34%	33%	35%	34%	37%
% Native American	1%	<1%	0%	1%	0%
% Pacific Islander	1%	<1%	1%	0%	0%
% White	44%	41%	39%	38%	38%
% Multiethnic	9%	8%	7%	6%	11%
% Other/Unknown	2%	1%	4%	2%	1%

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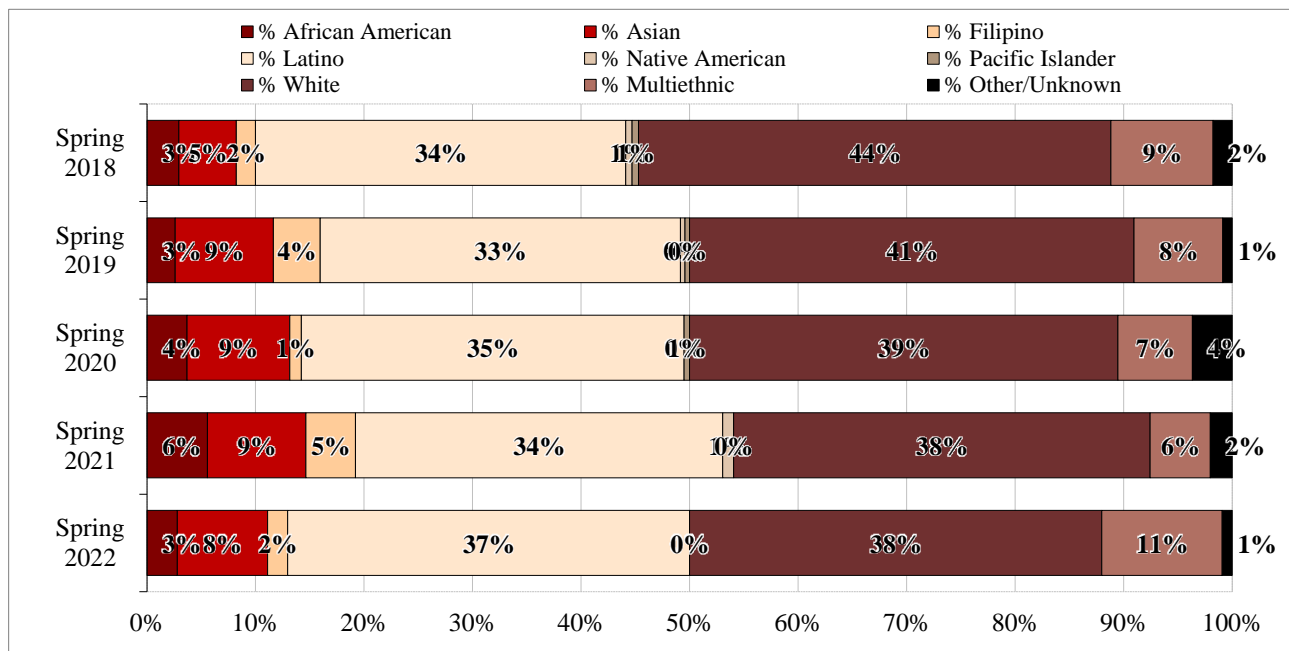
Student Enrollment Status

Emergency Medical Services (EMS)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
First-Time Any College	5	14	6	7	1
First-Time Transfer	13	13	24	20	12
Continuing	141	188	143	154	85
Returning	10	14	13	13	8
Concurrent Enrollment	1	3	4	4	2
% First-Time Any College	3%	6%	3%	4%	1%
% First-Time Transfer	8%	6%	13%	10%	11%
% Continuing	83%	81%	75%	78%	79%
% Returning	6%	6%	7%	7%	7%
% Concurrent Enrollment	1%	1%	2%	2%	2%
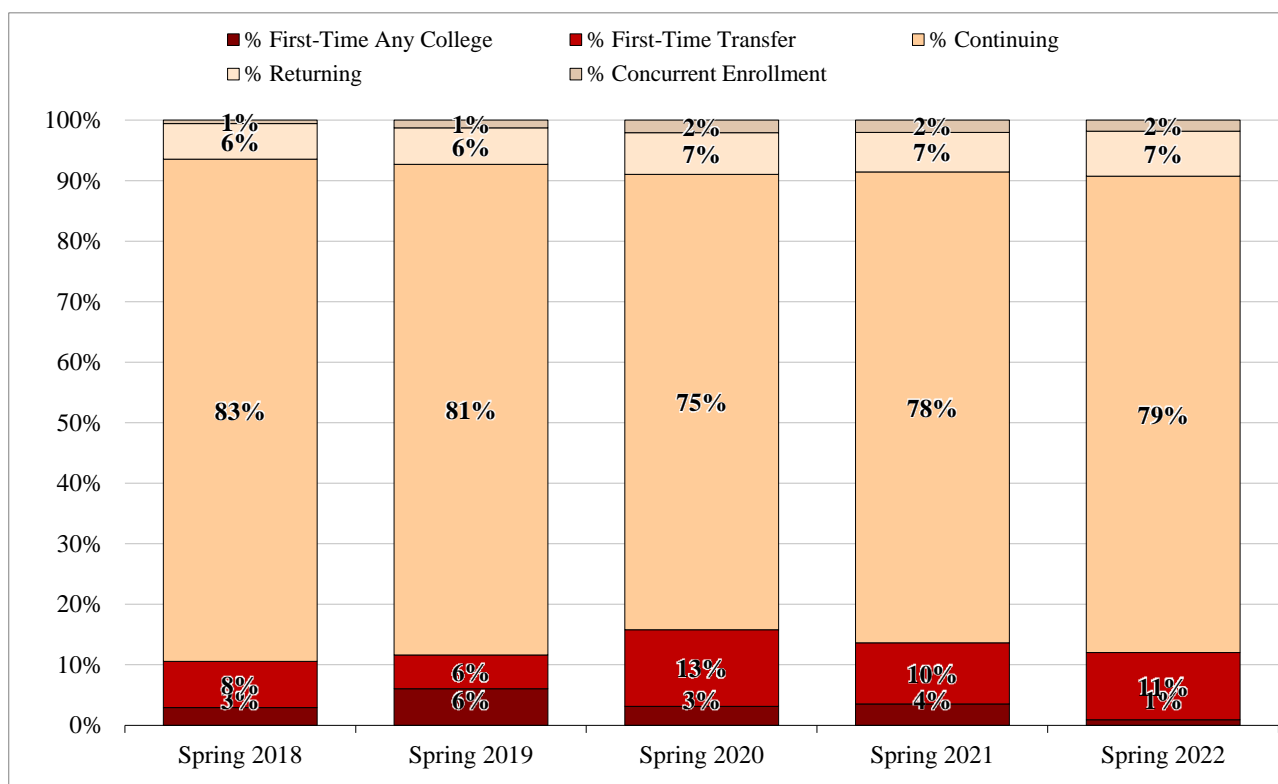
Definitions:

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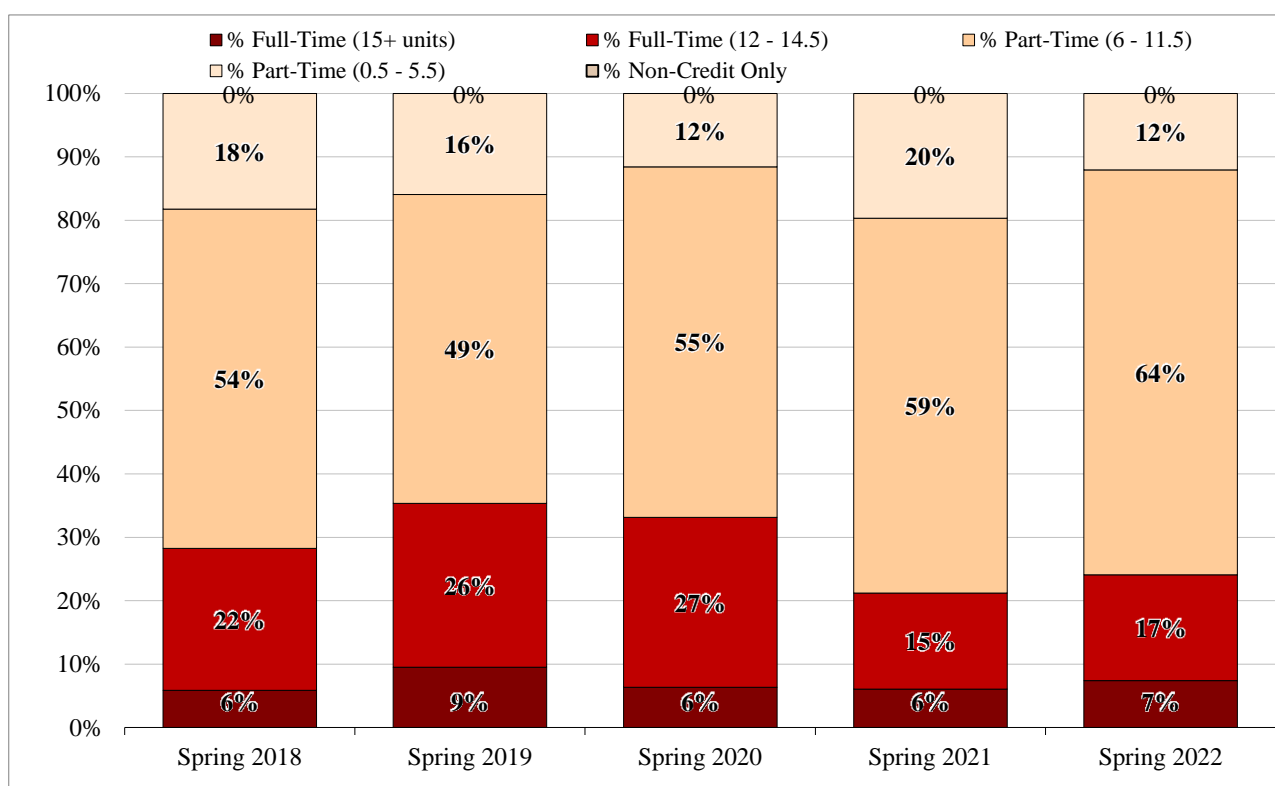
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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

Emergency Medical Services (EMS)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Full-Time (15+ units)	10	22	12	12	8
Full-Time (12 - 14.5)	38	60	51	30	18
Part-Time (6 - 11.5)	91	113	105	117	69
Part-Time (0.5 - 5.5)	31	37	22	39	13
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	6%	9%	6%	6%	7%
% Full-Time (12 - 14.5)	22%	26%	27%	15%	17%
% Part-Time (6 - 11.5)	54%	49%	55%	59%	64%
% Part-Time (0.5 - 5.5)	18%	16%	12%	20%	12%
% Non-Credit Only	0%	0%	0%	0%	0%

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Students Using Distance Education

| Emergency Medical Services (EMS)					
	Term				
(Categories reflect college-wide coursework)	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Face-to-Face (F2F) Only	155	203	151	0	83
Both F2F and DE	15	29	39	48	25
Distance Education (DE) Only	0	0	0	150	0
% Face-to-Face (F2F) Only	91%	88%	79%	0%	77%
% Both F2F and DE	9%	13%	21%	24%	23%
% Distance Education (DE) Only	0%	0%	0%	76%	0%
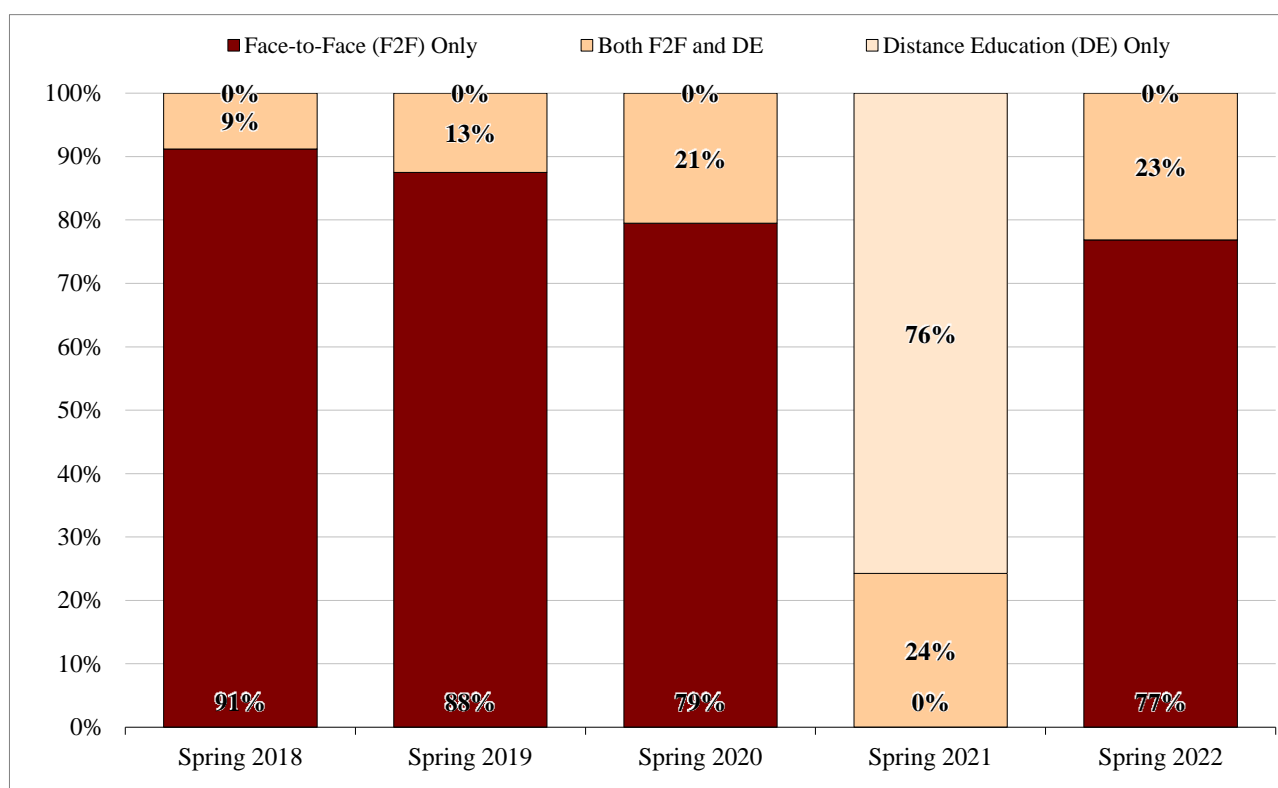
Definitions:

Distance Education (DE) includes enrollments in courses with section numbers designated as courses with 51% or more of instruction delivered online.

Due to the COVID-19 pandemic, 2020-21 DE courses were distinguished through provisional designations.

Student Educational Goal

Emergency Medical Services (EMS)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
Transfer (w/ or w/o AA/AS degree)	70	100	75	75	42
Associate Degree Only (AA/AS)	14	24	36	27	15
Occupational Certificate or Job Training	57	78	56	69	38
Improve English/Math Basic Skills	2	1	0	1	2
Personal Development (intellectual/cultural)	3	4	2	14	6
Other	0	0	1	0	1
Undecided	23	24	20	11	4
Unknown	1	1	0	1	0
% Transfer (w/ or w/o AA/AS degree)	41%	43%	39%	38%	39%
% Associate Degree Only (AA/AS)	8%	10%	19%	14%	14%
% Occupational Certificate or Job Training	34%	34%	29%	35%	35%
% Improve English/Math Basic Skills	1%	<1%	0%	1%	2%
% Personal Development (intellectual/cultural	2%	2%	1%	7%	6%
% Other	0%	0%	1%	0%	1%
% Undecided	14%	10%	11%	6%	4%
% Unknown	1%	<1%	0%	1%	0%
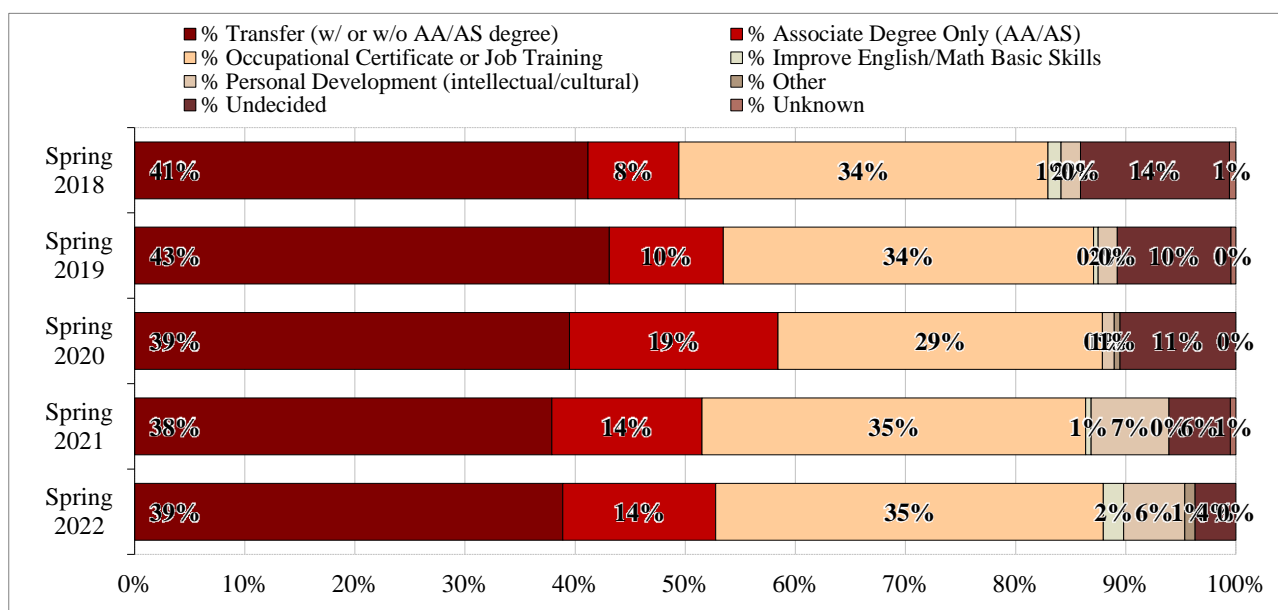
Definitions:

Transfer: Students who want to transfer to a 4-year university. Includes students enrolled in 4-year institutions completing requirements at LPC.
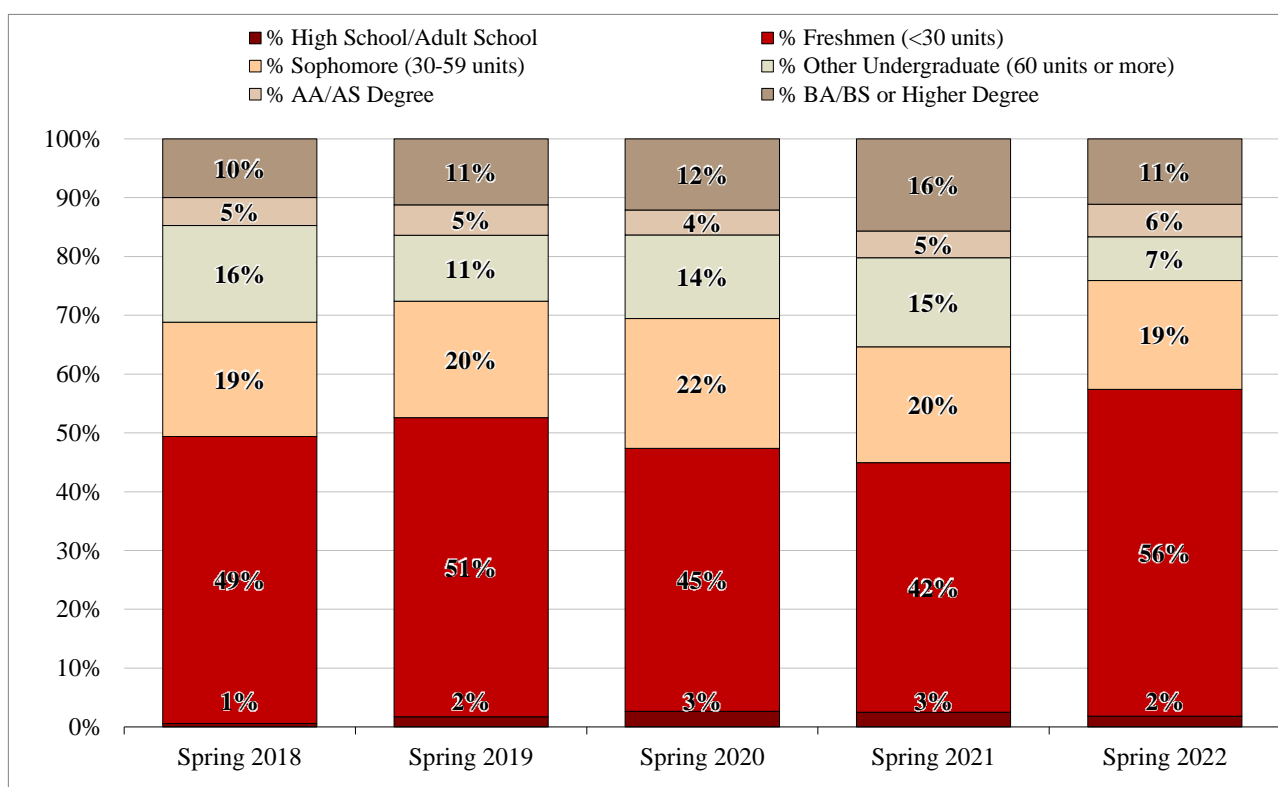
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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

Emergency Medical Services (EMS)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
High School/Adult School	1	4	5	5	2
Freshmen (<30 units)	83	118	85	84	60
Sophomore (30-59 units)	33	46	42	39	20
Other Undergraduate (60 units or more)	28	26	27	30	8
AA/AS Degree	8	12	8	9	6
BA/BS or Higher Degree	17	26	23	31	12
% High School/Adult School	1%	2%	3%	3%	2%
% Freshmen (<30 units)	49%	51%	45%	42%	56%
% Sophomore (30-59 units)	19%	20%	22%	20%	19%
% Other Undergraduate (60 units or more)	16%	11%	14%	15%	7%
% AA/AS Degree	5%	5%	4%	5%	6%
% BA/BS or Higher Degree	10%	11%	12%	16%	11%

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Student Performance: Grade Distribution

| Emergency Medical Services (EMS)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
Total Course Enrollments	**199**	**302**	**231**	**229**	**141**
Course Success Rates	**79%**	**81%**	**64%**	**78%**	**85%**
A	32%	31%	36%	44%	39%
B	25%	24%	13%	20%	19%
C	7%	6%	4%	5%	6%
P	16%	20%	11%	10%	21%
Course Non-Success Rate	**7%**	**11%**	**13%**	**5%**	**8%**
D	3%	3%	1%	1%	1%
F*	4%	8%	12%	4%	6%
Withdrawals (See Note)	**14%**	**8%**	**23%**	**17%**	**7%**
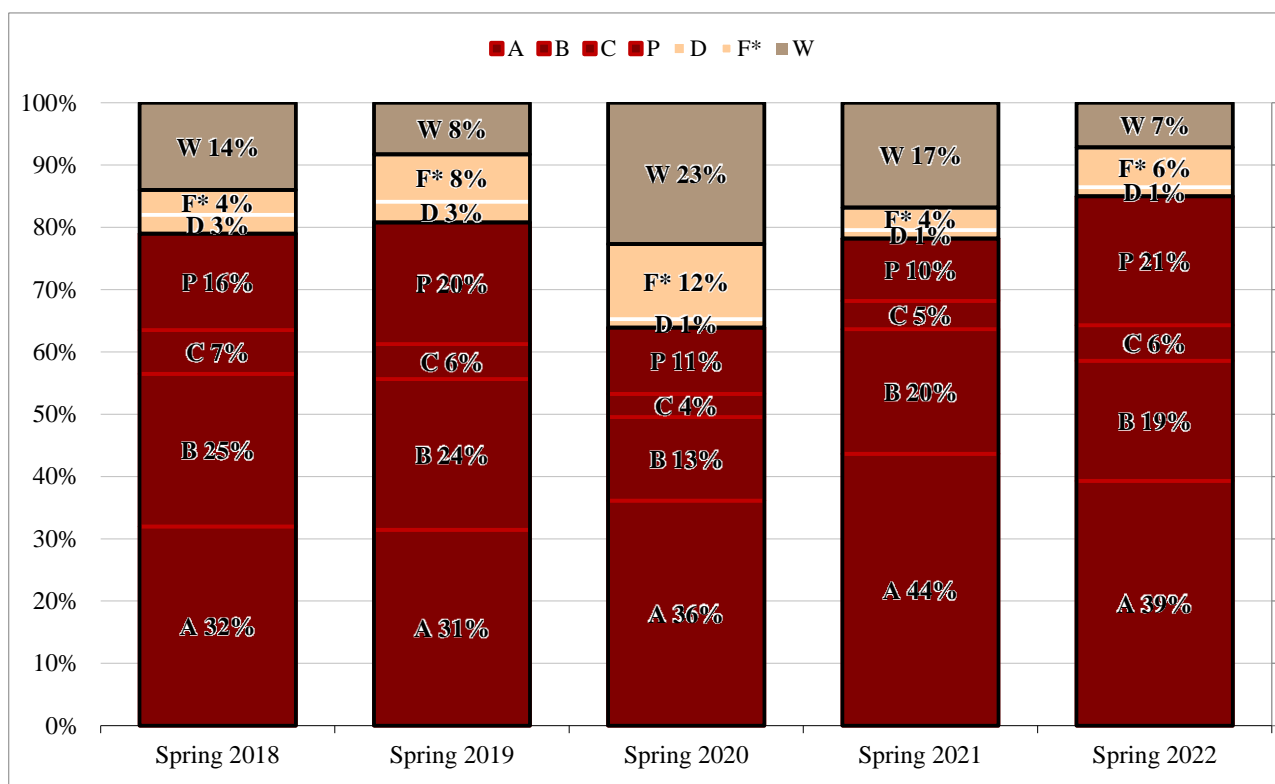
Definitions:

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)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Total Course Enrollments	**199**	**302**	**231**	**229**	**141**
Face-to-Face (F2F) Sections	**199**	**302**	**231**	**24**	**141**
Success Rates	79%	81%	64%	92%	85%
Non-Success Rates	7%	11%	13%	0%	8%
Withdrawals	14%	8%	23%	8%	7%
Distance Education (DE) Sections	**0**	**0**	**0**	**205**	**0**
Success Rates	—	—	—	77%	—
Non-Success Rates	—	—	—	6%	—
Withdrawals	—	—	—	18%	—
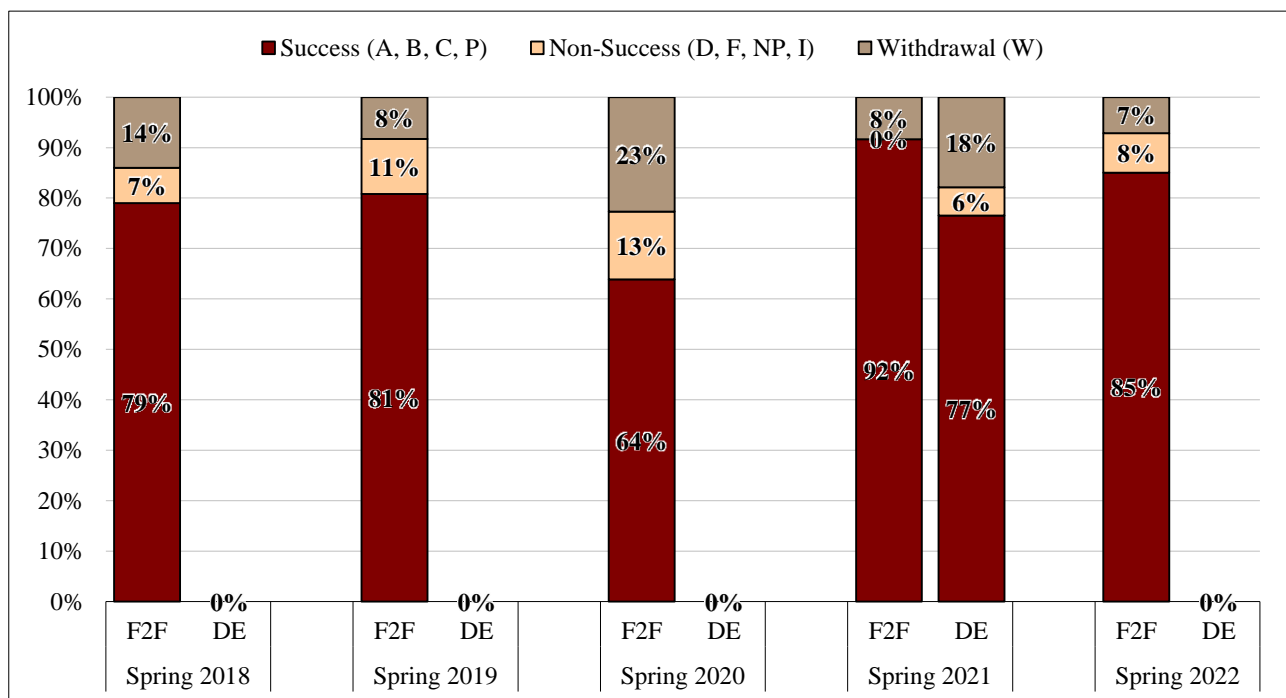
Definitions:

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 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

Emergency Medical Services (EMS)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
WSCH	1,254	1,509	1,234	1,351	830
FTES	41.6	50.0	40.7	43.9	26.9
FTEF	2.6	2.7	2.8	2.7	2.7
Productivity (WSCH/FTEF)	477.9	565.8	446.9	509.4	302.9
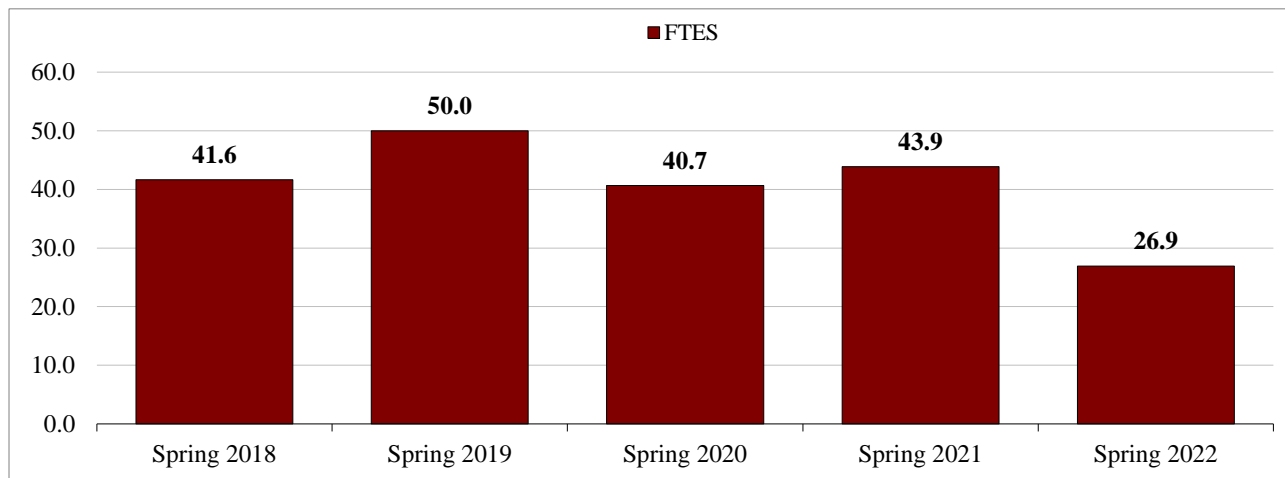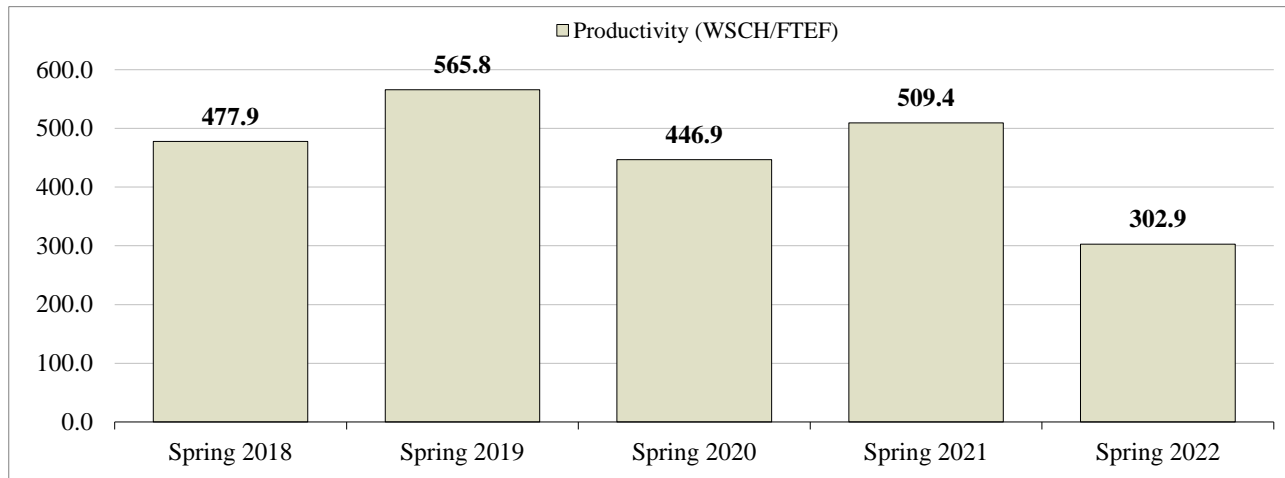
Definitions:

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 7/20/21.

Enrollment Management: Part 2

| Emergency Medical Services (EMS)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
FTEF from Full-Time Faculty	1.0	1.1	1.0	1.0	0.0
% FTEF from Full-Time Faculty	38%	40%	36%	38%	0%
Enrollments	199	302	231	229	141
Capacity (seats available)	164	341	252	286	252
Fill Rate	121%	89%	92%	80%	56%
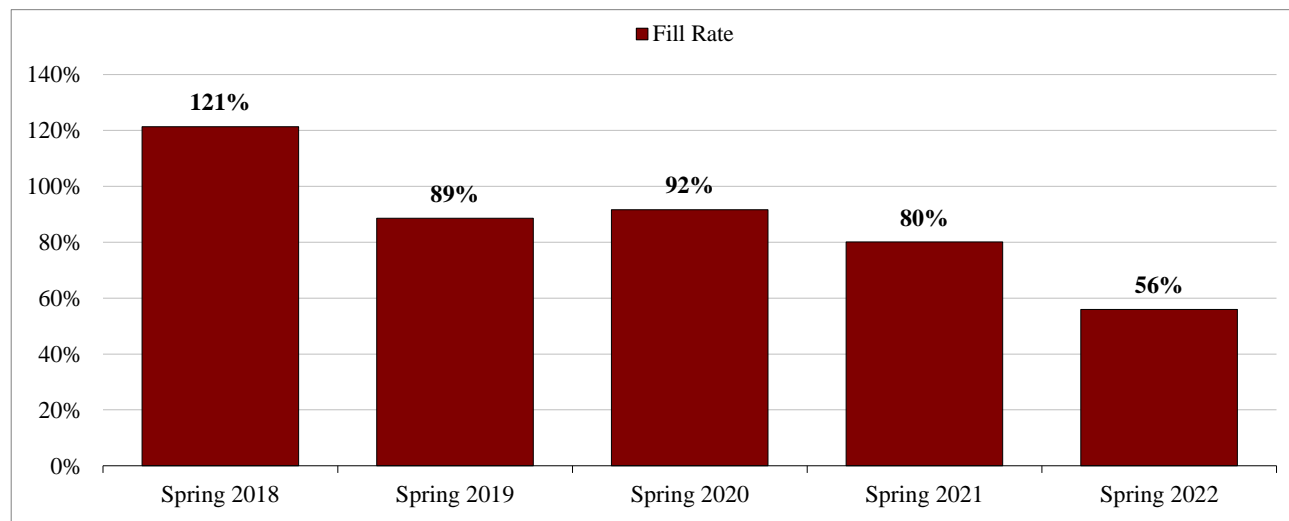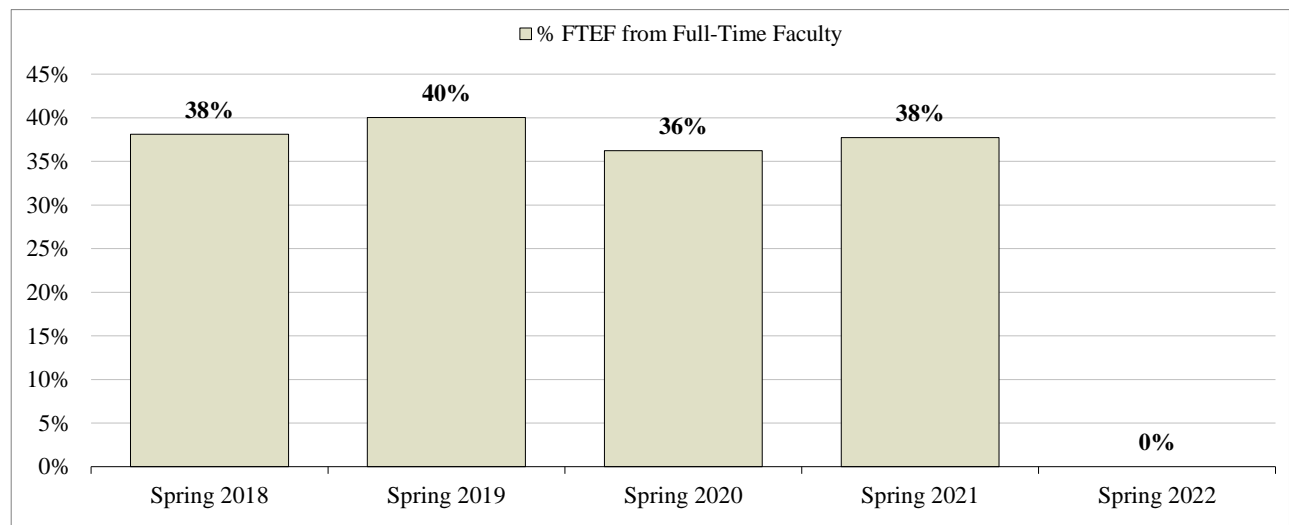
Definitions:

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 7/20/21.

Prior Experience in English & Math

Spring 2022					
	EMS			LPC Overall	
	Num	Pct		Num	Pct
College English					
Completed College-level	53	49%		4,022	61%
Attempted College-level	6	6%		490	7%
Attempted Below College-level	1	1%		30	0%
No Prior Attempt (has placement)	18	17%		934	14%
No Prior Attempt (no placement)	30	28%		1,089	17%
College Math					
Completed College-level	44	41%		4,345	66%
Attempted College-level	3	3%		103	2%
Attempted Below College-level	1	1%		160	2%
No Prior Attempt (has placement)	25	23%		914	14%
No Prior Attempt (no placement)	35	32%		1,043	16%
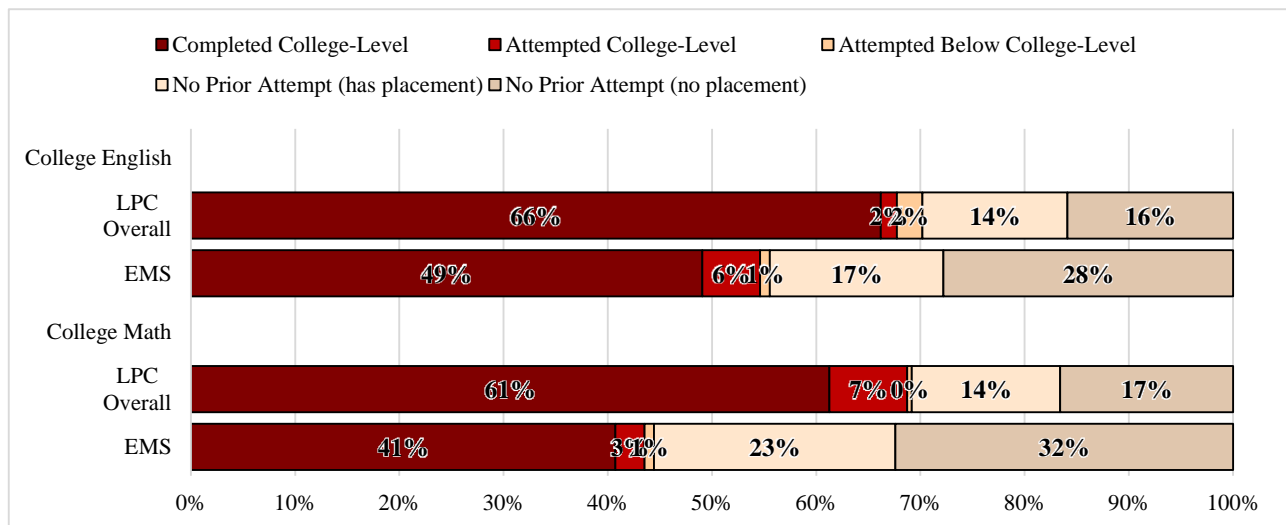
Definitions:

College English: **Completed College-level** = successfully completed ENG 1A, 1AEX, or attempted transfer level, or has earned at least an Associates degree.

Attempted College-level = attempted ENG 1A or 1AEX but has not successfully completed prior to indicated term.

Attempted Below College-level = attempted ENG 102, 104, 105, 100A , 100B, NENG 204, or ESL 25 prior to indicated term.

No Prior Attempt (has placement) = no previous English enrollments within the sequence but has used a placement tool.

No Prior Atempt (no placement) = no previous English enrollments within the sequence and did not utilize a placement tool.

College Math:

Completed College-level = succesfully completed MATH 55, 50, NMAT 255 or 250, or attempted transfer level, or has earned at least an Associates degree.

Attempted College-level = attempted MATH 55, 50, NMAT 255 or 250 but has not successfully completed prior to indicated term.

Attempted Below College-level = attempted MATH 110, 107, NMAT 210 or 207 prior to indicated term.

No Prior Attempt (has placement) = no previous Math enrollments within the sequence but has used a placement tool.

No Prior Atempt (no placement) = no previous Math enrollments within the sequence and did not utilize a placement tool.