Las Positas College

Discipline Program Review Data Packet

Spring 2018 to Spring 2022
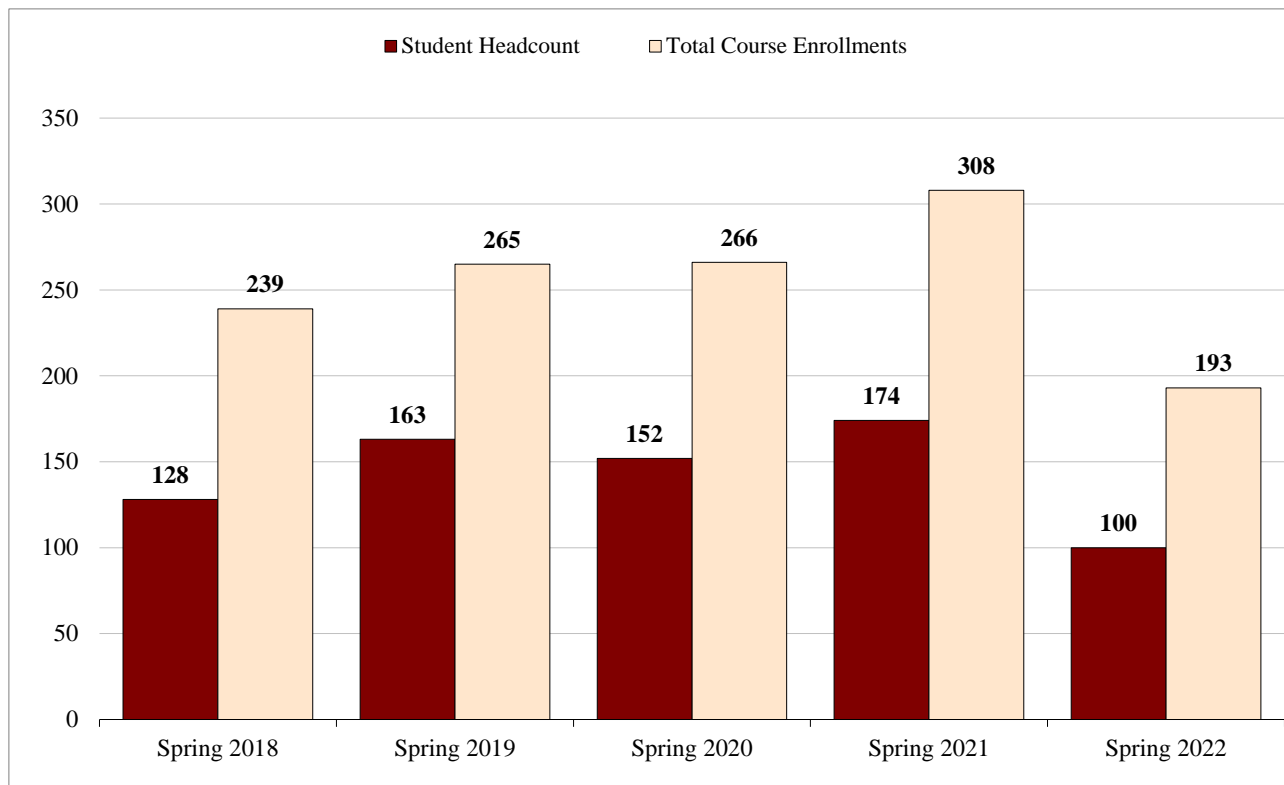
Discipline:

Fire Service Technology (FST)

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Headcount & Enrollment

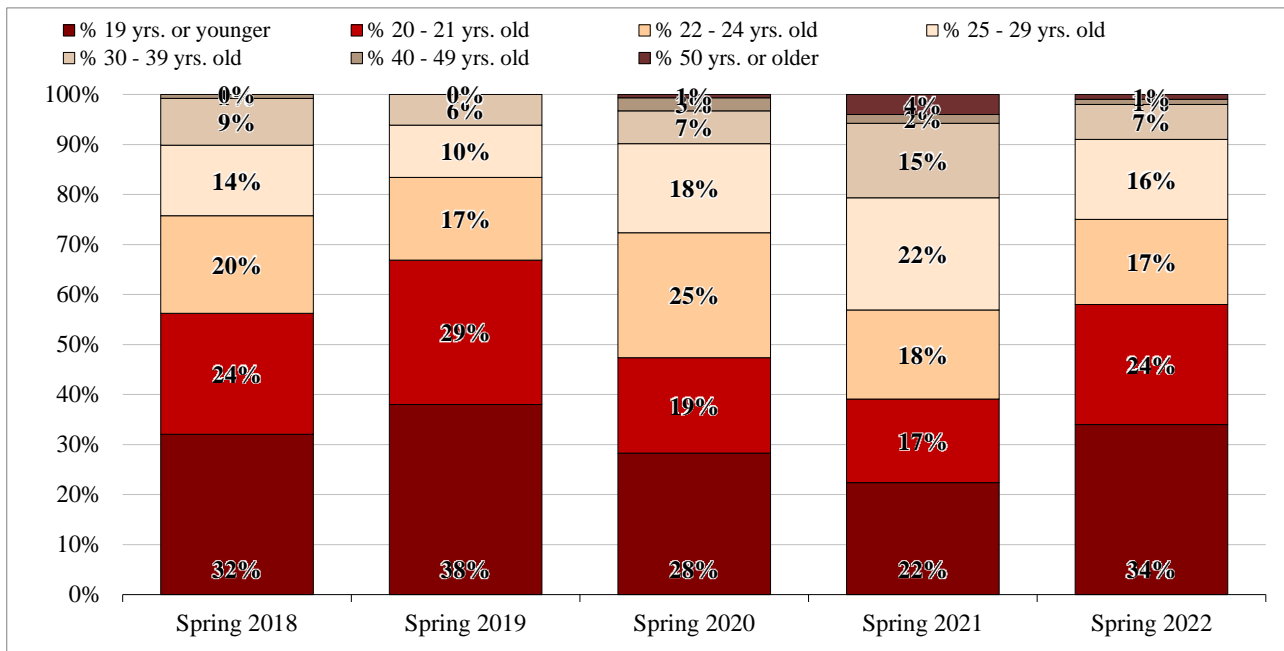| Fire Service Technology (FST)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Student Headcount	128	163	152	174	100
Total Course Enrollments	239	265	266	308	193

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.
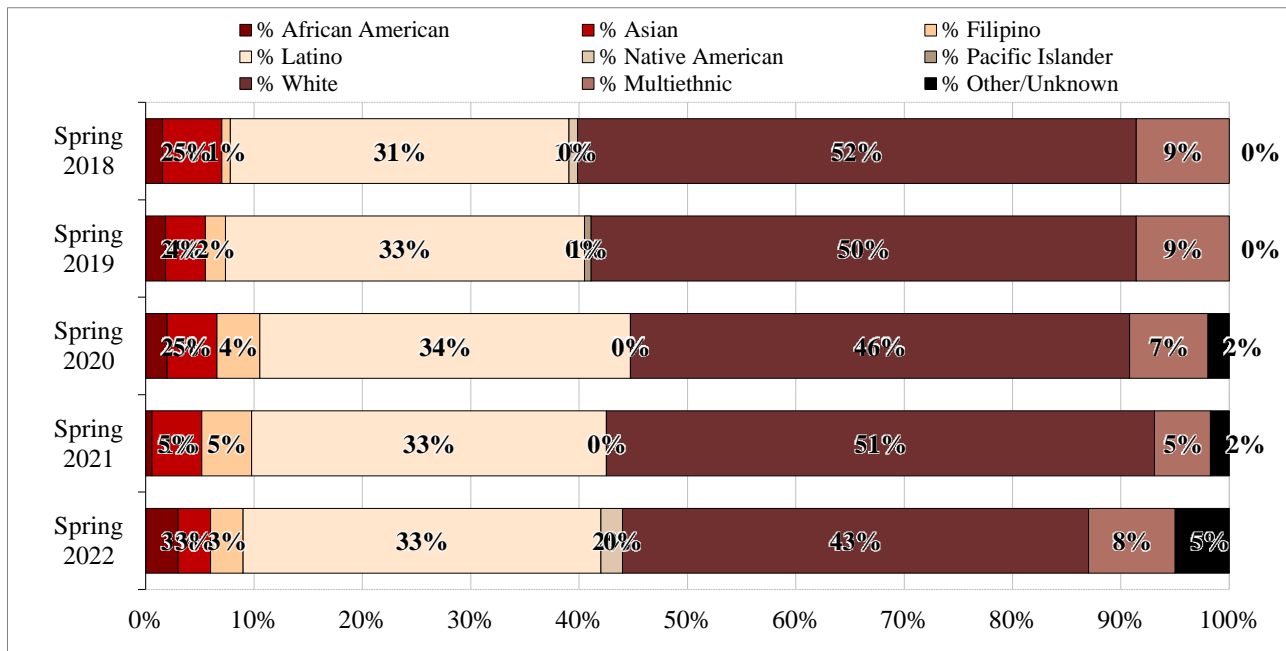
Student Demographics: Gender & Age

Fire Service Technology (FST)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
Female	20	24	20	23	9
Male	106	135	130	151	87
19 yrs. or younger	41	62	43	39	34
20-21 yrs. old	31	47	29	29	24
22-24 yrs. old	25	27	38	31	17
25-29 yrs. old	18	17	27	39	16
30-39 yrs. old	12	10	10	26	7
40-49 yrs. old	1	0	4	3	1
50 yrs. or older	0	0	1	7	1
% Female	16%	15%	13%	13%	9%
% Male	84%	85%	87%	87%	91%
% 19 yrs. or younger	32%	38%	28%	22%	34%
% 20 - 21 yrs. old	24%	29%	19%	17%	24%
% 22 - 24 yrs. old	20%	17%	25%	18%	17%
% 25 - 29 yrs. old	14%	10%	18%	22%	16%
% 30 - 39 yrs. old	9%	6%	7%	15%	7%
% 40 - 49 yrs. old	1%	0%	3%	2%	1%
% 50 yrs. or older	0%	0%	1%	4%	1%

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Student Demographic: Race-Ethnicity

Fire Service Technology (FST)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
African American	2	3	3	1	3
Asian	7	6	7	8	3
Filipino	1	3	6	8	3
Latino	40	54	52	57	33
Native American	1	0	0	0	2
Pacific Islander	0	1	0	0	0
White	66	82	70	88	43
Multiethnic	11	14	11	9	8
Other/Unknown	0	0	3	3	5
% African American	2%	2%	2%	1%	3%
% Asian	5%	4%	5%	5%	3%
% Filipino	1%	2%	4%	5%	3%
% Latino	31%	33%	34%	33%	33%
% Native American	1%	0%	0%	0%	2%
% Pacific Islander	0%	1%	0%	0%	0%
% White	52%	50%	46%	51%	43%
% Multiethnic	9%	9%	7%	5%	8%
% Other/Unknown	0%	0%	2%	2%	5%

Student Enrollment Status

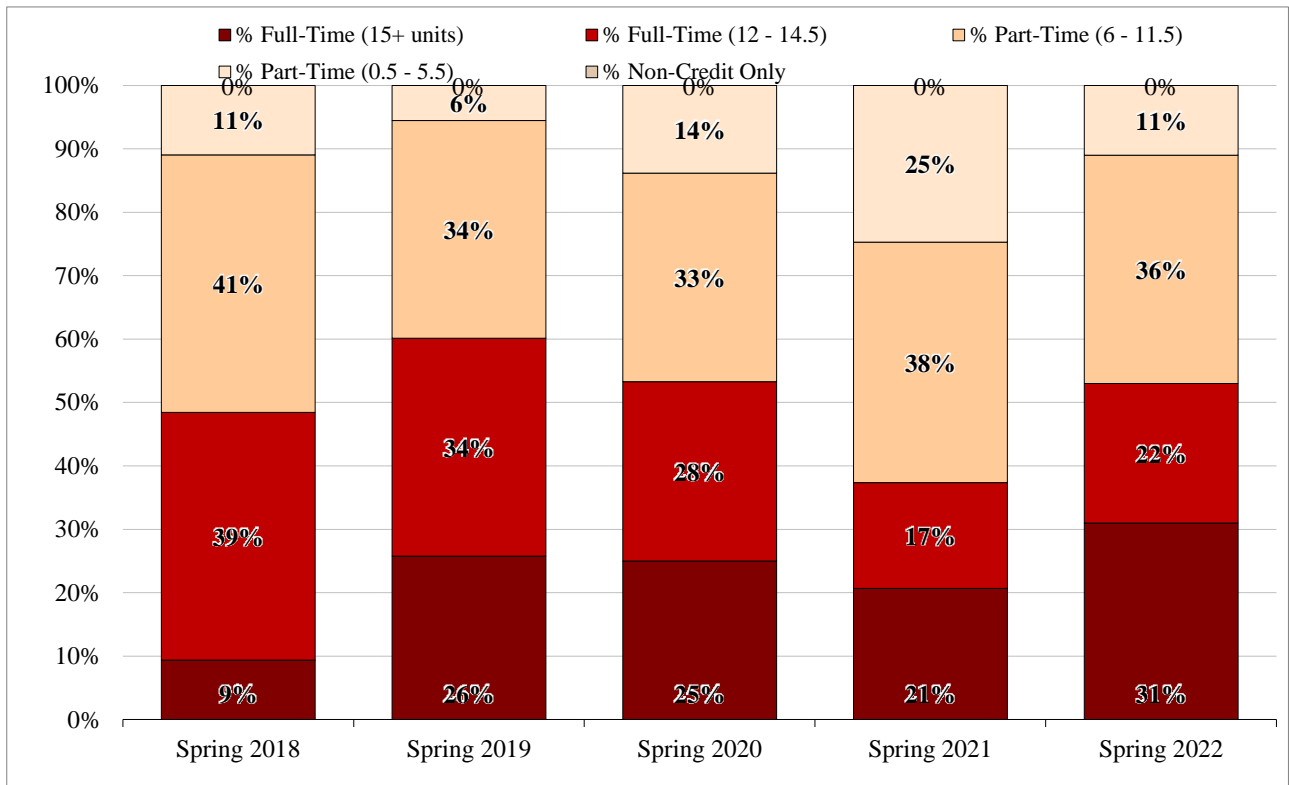| Fire Service Technology (FST)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
First-Time Any College	4	8	9	19	1
First-Time Transfer	7	7	17	27	10
Continuing	109	136	116	115	81
Returning	4	7	7	10	7
Concurrent Enrollment	4	5	3	3	1
% First-Time Any College	3%	5%	6%	11%	1%
% First-Time Transfer	5%	4%	11%	16%	10%
% Continuing	85%	83%	76%	66%	81%
% Returning	3%	4%	5%	6%	7%
% Concurrent Enrollment	3%	3%	2%	2%	1%
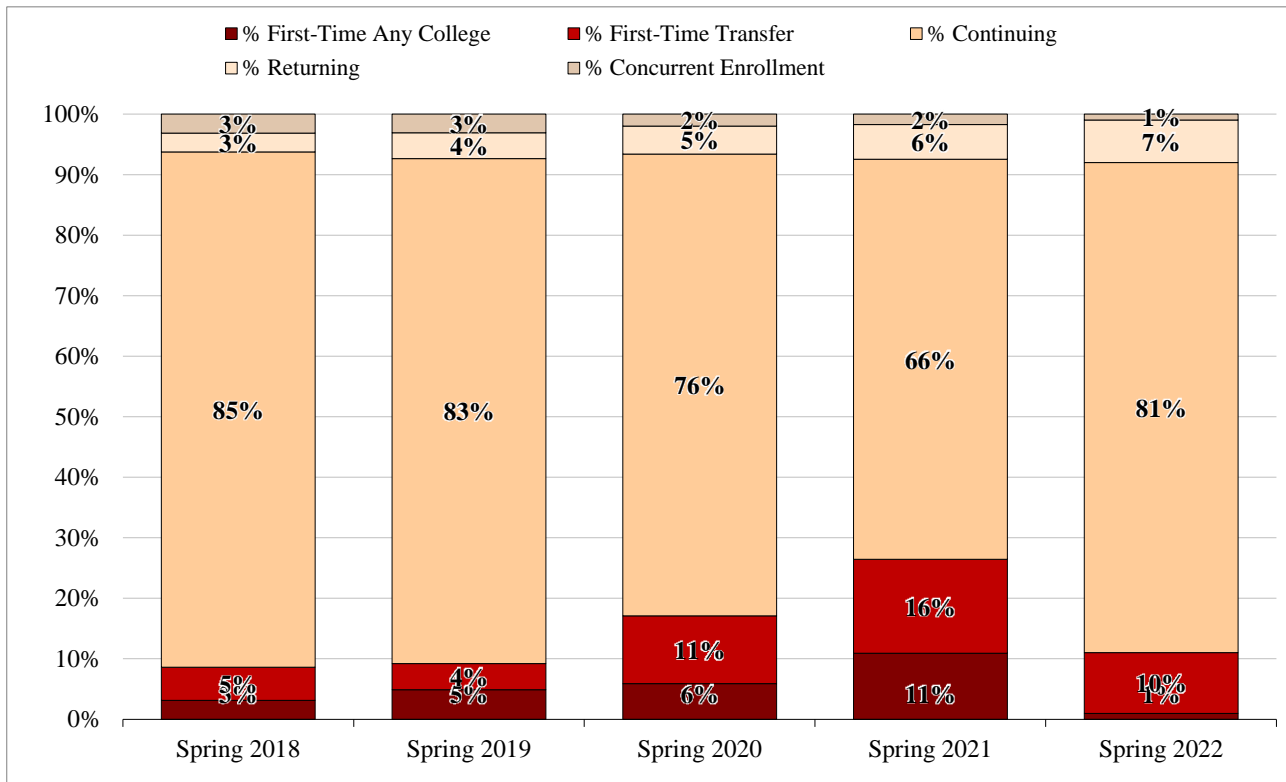
Definitions:

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

Fire Service Technology (FST)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Full-Time (15+ units)	12	42	38	36	31
Full-Time (12 - 14.5)	50	56	43	29	22
Part-Time (6 - 11.5)	52	56	50	66	36
Part-Time (0.5 - 5.5)	14	9	21	43	11
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	9%	26%	25%	21%	31%
% Full-Time (12 - 14.5)	39%	34%	28%	17%	22%
% Part-Time (6 - 11.5)	41%	34%	33%	38%	36%
% Part-Time (0.5 - 5.5)	11%	6%	14%	25%	11%
% Non-Credit Only	0%	0%	0%	0%	0%

Students Using Distance Education

| Fire Service Technology (FST)					
	Term				
(Categories reflect college-wide coursework)	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
Face-to-Face (F2F) Only	115	138	133	48	72
Both F2F and DE	13	25	19	27	28
Distance Education (DE) Only	0	0	0	99	0
% Face-to-Face (F2F) Only	90%	85%	88%	28%	72%
% Both F2F and DE	10%	15%	13%	16%	28%
% Distance Education (DE) Only	0%	0%	0%	57%	0%
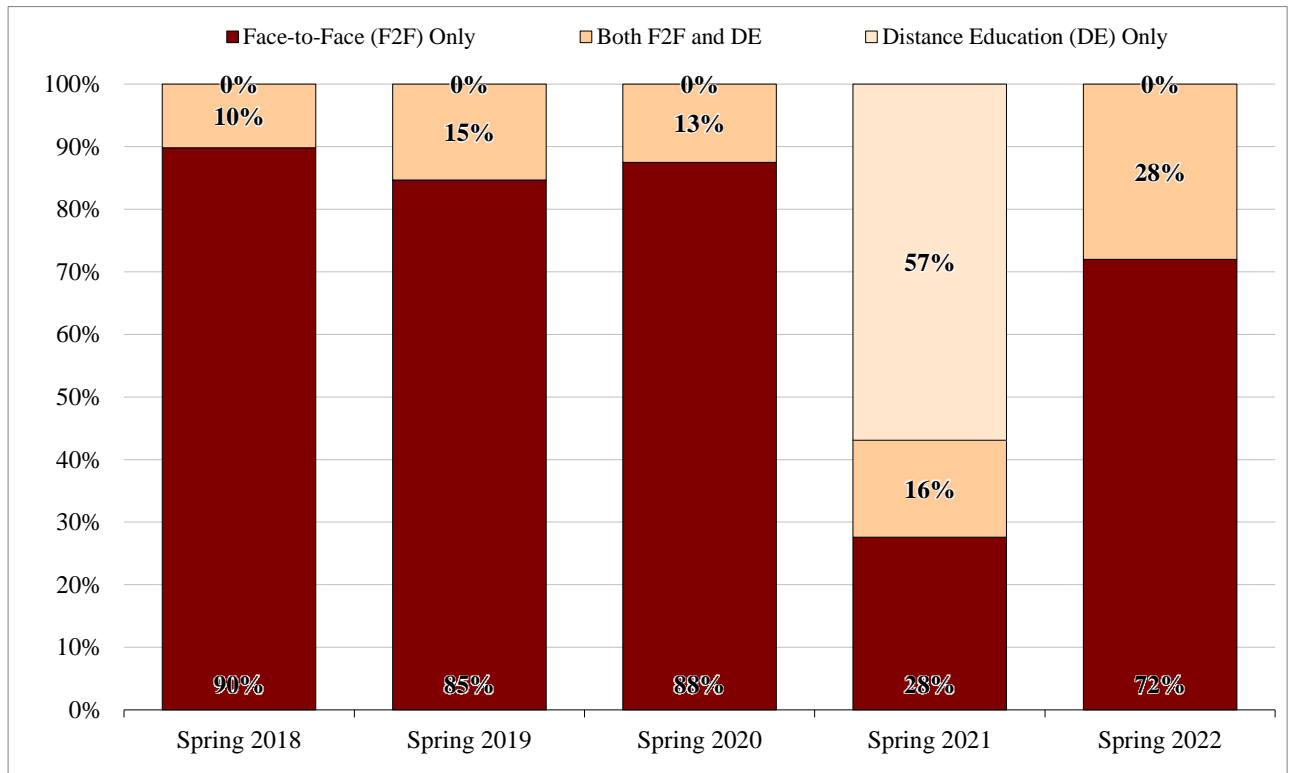
Definitions:

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

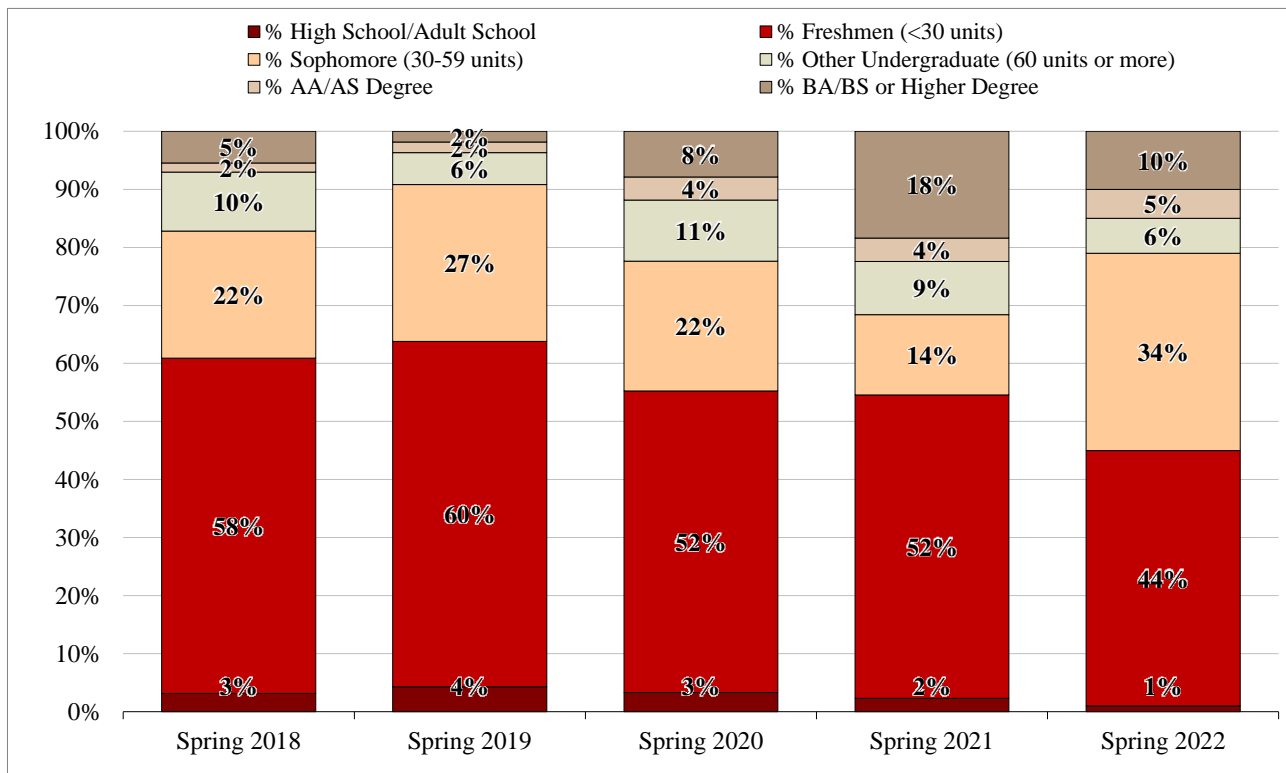| Fire Service Technology (FST)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
Transfer (w/ or w/o AA/AS degree)	64	81	66	50	39
Associate Degree Only (AA/AS)	17	26	30	41	20
Occupational Certificate or Job Training	37	38	39	64	32
Improve English/Math Basic Skills	0	0	0	2	1
Personal Development (intellectual/cultural)	1	1	2	5	0
Other	0	0	1	0	1
Undecided	8	17	12	12	7
Unknown	1	0	2	0	0
% Transfer (w/ or w/o AA/AS degree)	50%	50%	43%	29%	39%
% Associate Degree Only (AA/AS)	13%	16%	20%	24%	20%
% Occupational Certificate or Job Training	29%	23%	26%	37%	32%
% Improve English/Math Basic Skills	0%	0%	0%	1%	1%
% Personal Development (intellectual/cultural)	1%	1%	1%	3%	0%
% Other	0%	0%	1%	0%	1%
% Undecided	6%	10%	8%	7%	7%
% Unknown	1%	0%	1%	0%	0%
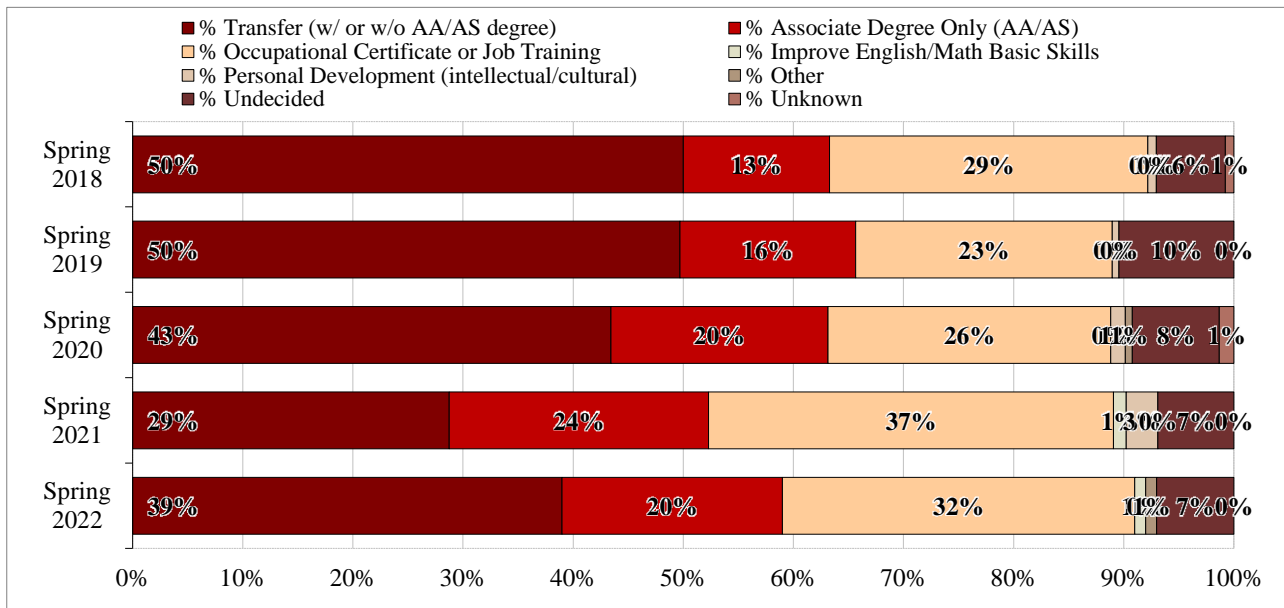
Definitions:

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.

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Highest Educational Level of Students

Fire Service Technology (FST)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
High School/Adult School	4	7	5	4	1
Freshmen (<30 units)	74	97	79	91	44
Sophomore (30-59 units)	28	44	34	24	34
Other Undergraduate (60 units or more)	13	9	16	16	6
AA/AS Degree	2	3	6	7	5
BA/BS or Higher Degree	7	3	12	32	10
% High School/Adult School	3%	4%	3%	2%	1%
% Freshmen (<30 units)	58%	60%	52%	52%	44%
% Sophomore (30-59 units)	22%	27%	22%	14%	34%
% Other Undergraduate (60 units or more)	10%	6%	11%	9%	6%
% AA/AS Degree	2%	2%	4%	4%	5%
% BA/BS or Higher Degree	5%	2%	8%	18%	10%

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Student Performance: Grade Distribution

| Fire Service Technology (FST)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
Total Course Enrollments	**239**	**265**	**266**	**308**	**193**
Course Success Rates	**82%**	**79%**	**69%**	**72%**	**95%**
A	39%	46%	39%	48%	77%
B	31%	23%	22%	18%	14%
C	12%	10%	6%	6%	5%
P	0%	0%	2%	<1%	0%
Course Non-Success Rate	**7%**	**9%**	**6%**	**9%**	**2%**
D	2%	3%	1%	1%	0%
F*	5%	6%	5%	9%	2%
Withdrawals (See Note)	**12%**	**12%**	**25%**	**19%**	**3%**
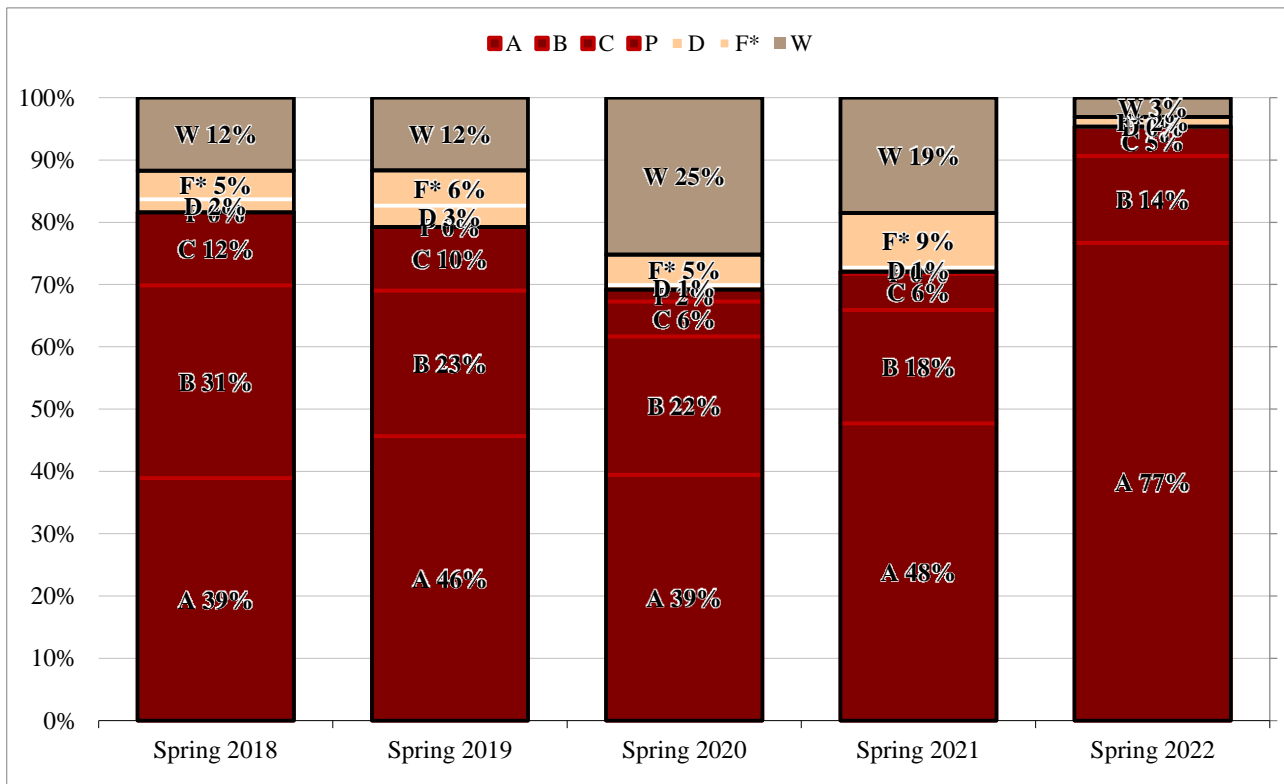
Definitions:

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

Fire Service Technology (FST)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
Total Course Enrollments	**239**	**265**	**266**	**308**	**193**
Face-to-Face (F2F) Sections	**239**	**265**	**266**	**116**	**193**
Success Rates	82%	79%	69%	84%	95%
Non-Success Rates	7%	9%	6%	2%	2%
Withdrawals	12%	12%	25%	14%	3%
Distance Education (DE) Sections	**0**	**0**	**0**	**192**	**0**
Success Rates	—	—	—	65%	—
Non-Success Rates	—	—	—	14%	—
Withdrawals	—	—	—	21%	—
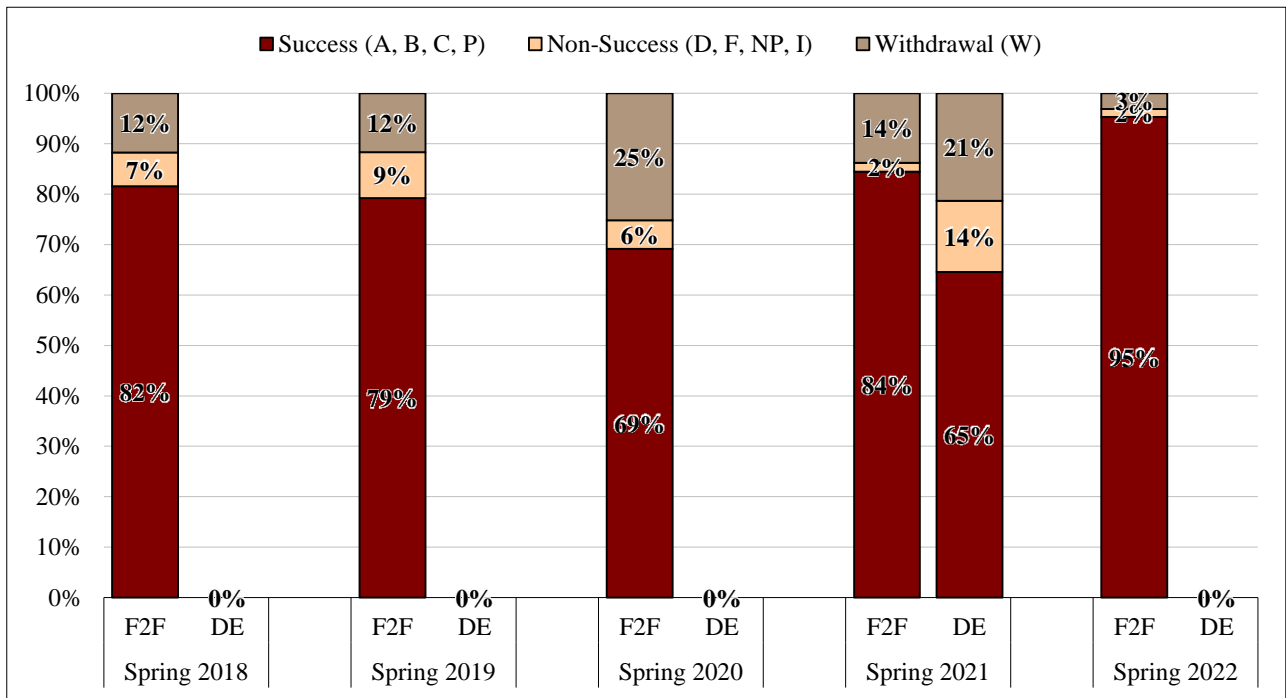
Definitions:

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', '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

Fire Service Technology (FST)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
WSCH	812	1,729	1,638	1,171	1,111
FTES	26.5	57.6	54.4	37.8	36.4
FTEF	1.5	1.9	1.4	1.7	1.4
Productivity (WSCH/FTEF)	535.6	917.7	1,213.3	682.0	823.0
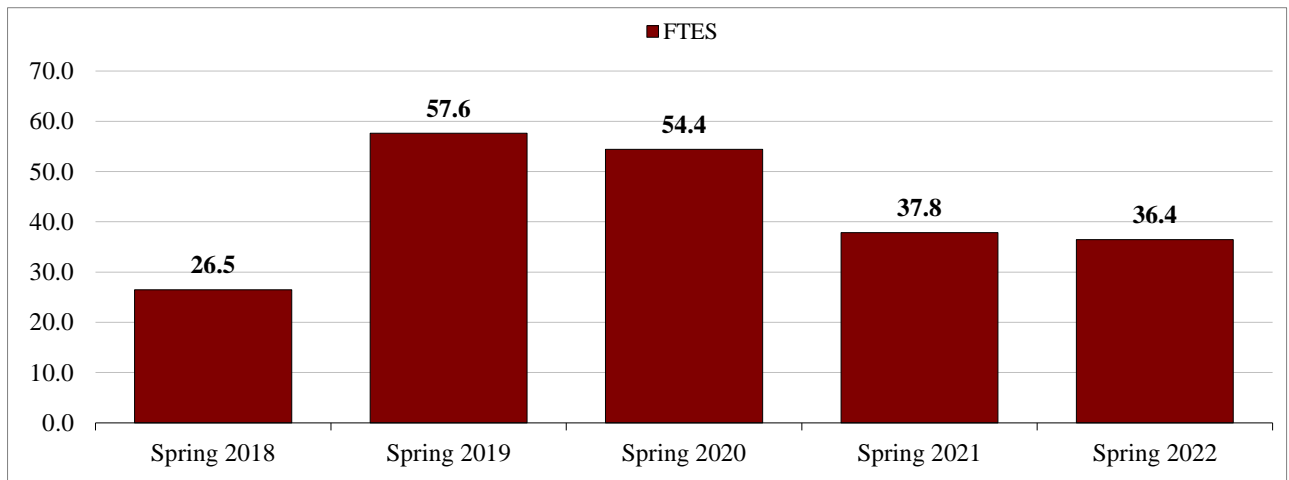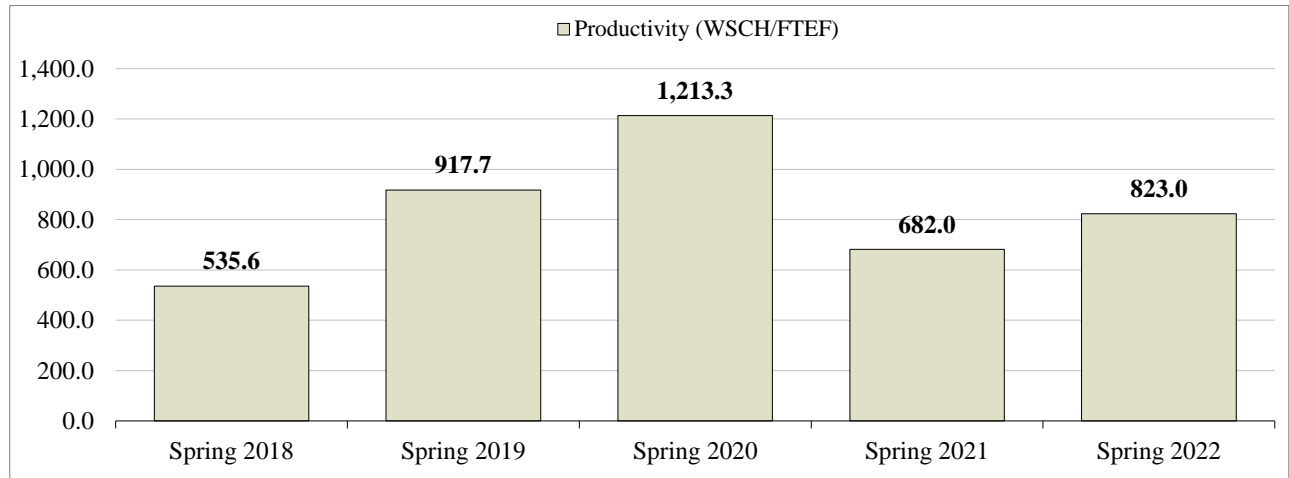
Definitions:

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

| Fire Service Technology (FST)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
FTEF from Full-Time Faculty	1.1	1.2	0.6	0.6	0.8
% FTEF from Full-Time Faculty	71%	63%	44%	35%	59%
Enrollments	239	265	266	308	193
Capacity (seats available)	308	383	324	438	338
Fill Rate	78%	69%	82%	70%	57%
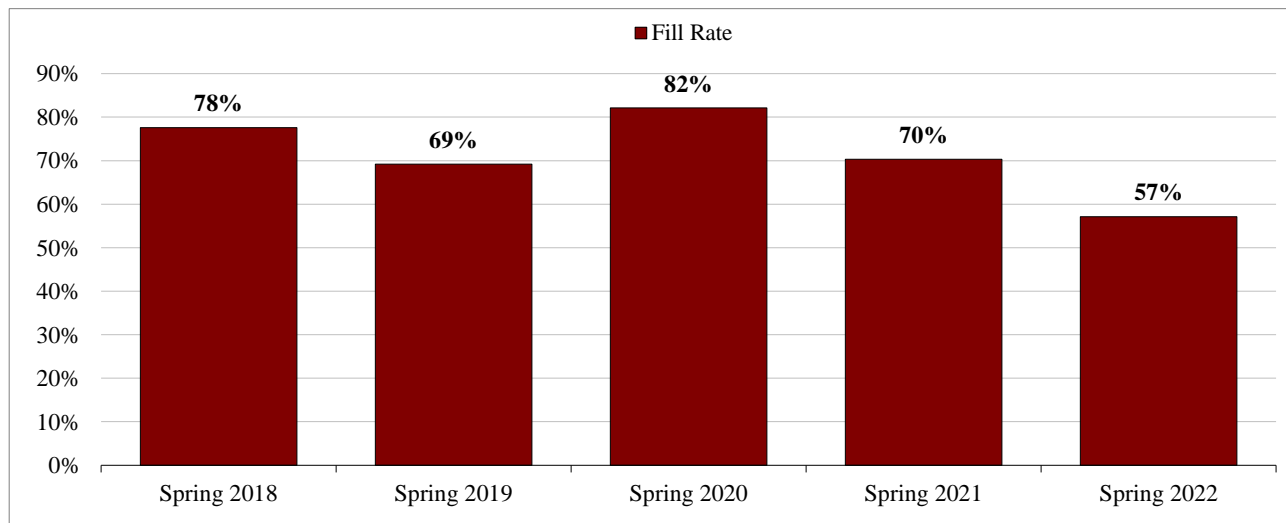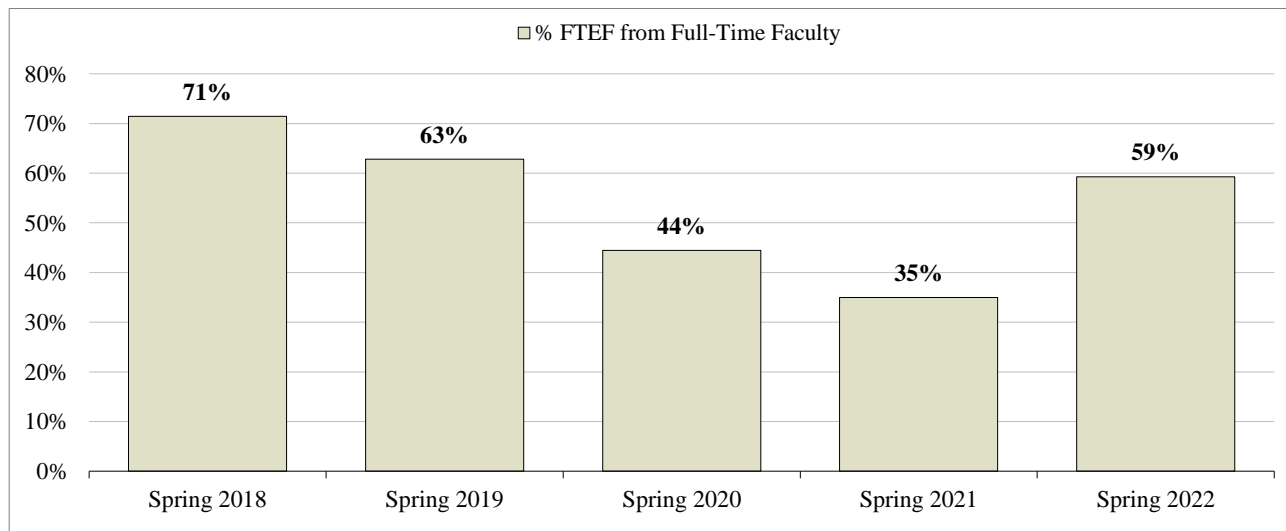
Definitions:

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				
	FST		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	55	55%	4,022	61%
Attempted College-level	10	10%	490	7%
Attempted Below College-level	1	1%	30	0%
No Prior Attempt (has placement)	21	21%	934	14%
No Prior Attempt (no placement)	13	13%	1,089	17%
College Math				
Completed College-level	51	51%	4,345	66%
Attempted College-level	2	2%	103	2%
Attempted Below College-level	3	3%	160	2%
No Prior Attempt (has placement)	33	33%	914	14%
No Prior Attempt (no placement)	11	11%	1,043	16%
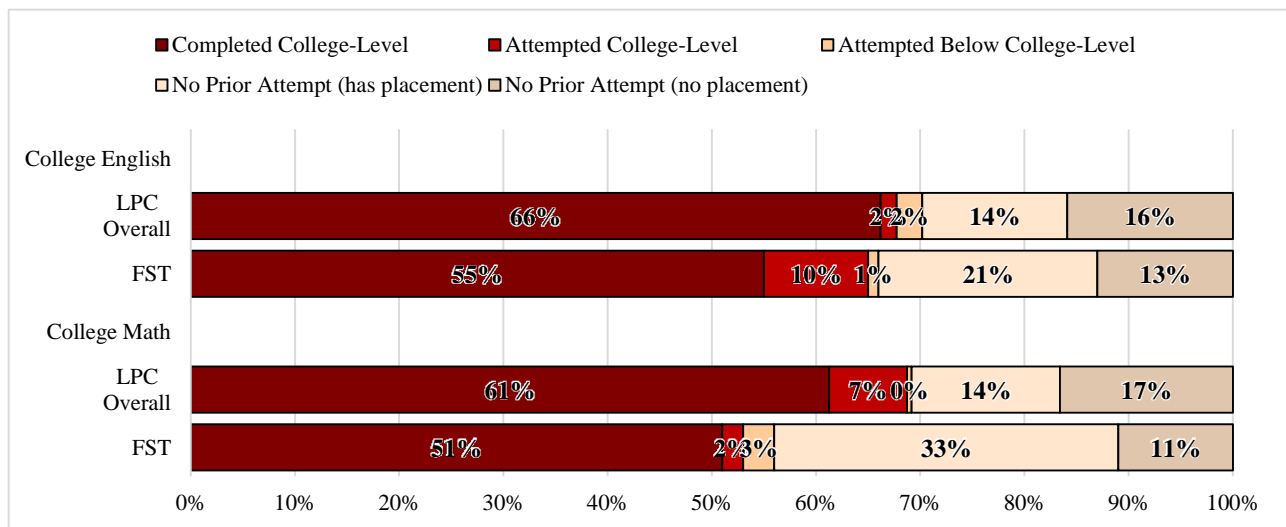
Definitions:

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.