Las Positas College

Discipline Program Review Data Packet

Spring 2017 to Spring 2021
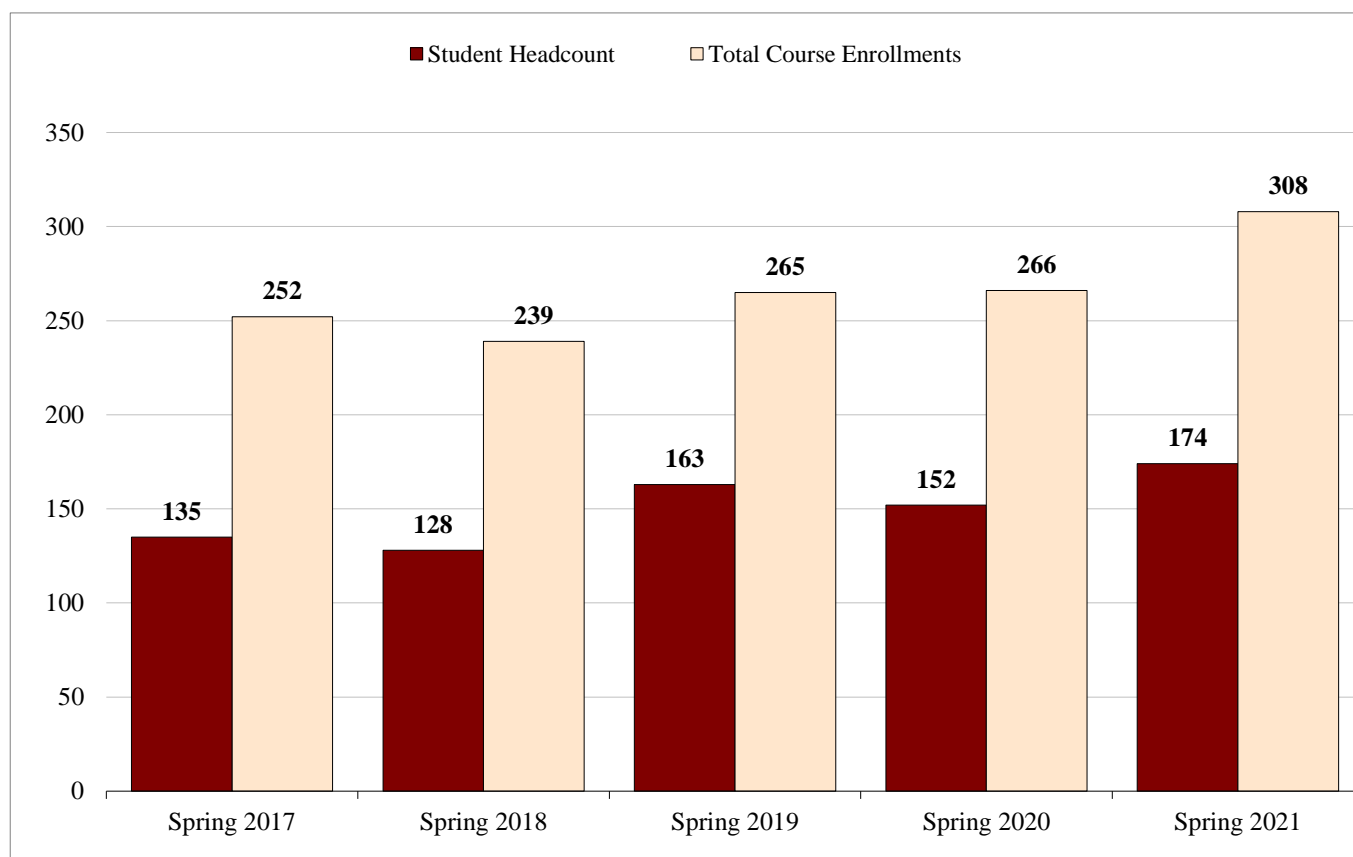
Discipline:

Fire Service Technology (FST)

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Headcount & Enrollment

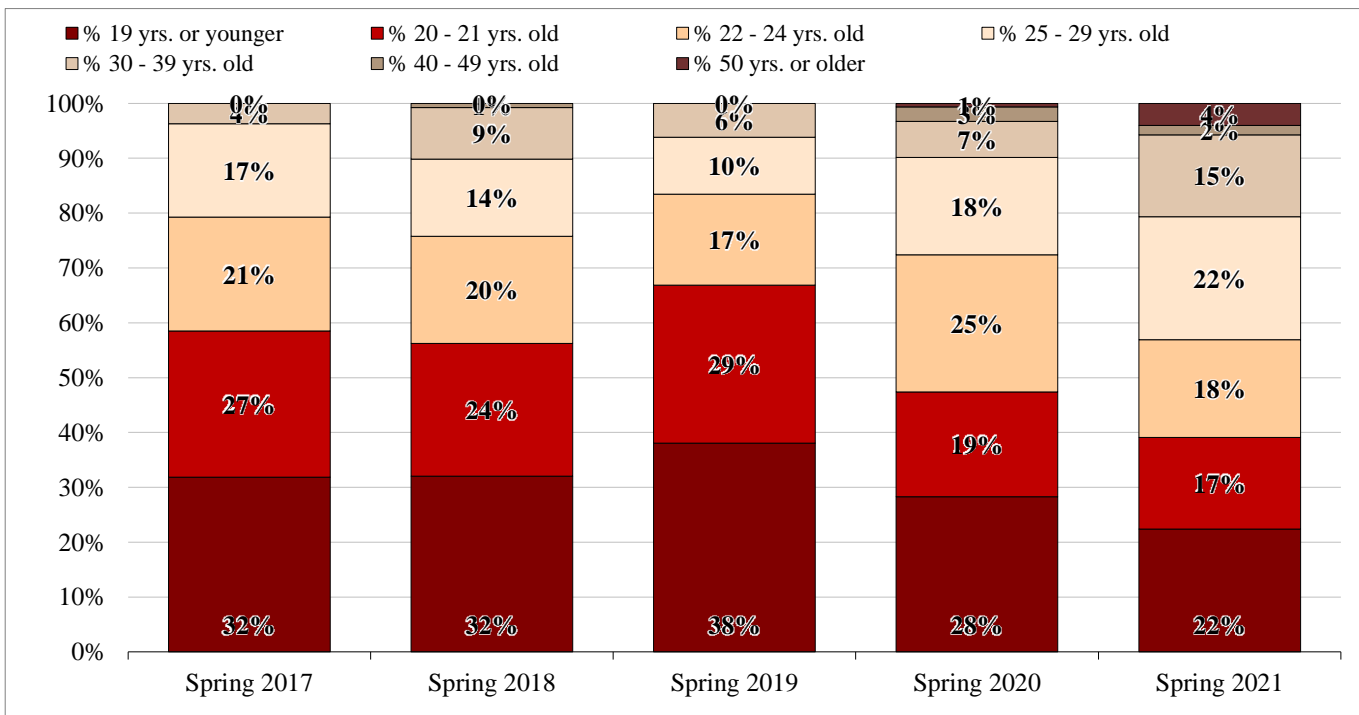| Fire Service Technology (FST)					
	Term				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
Student Headcount	135	128	163	152	174
Total Course Enrollments	252	239	265	266	308

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.
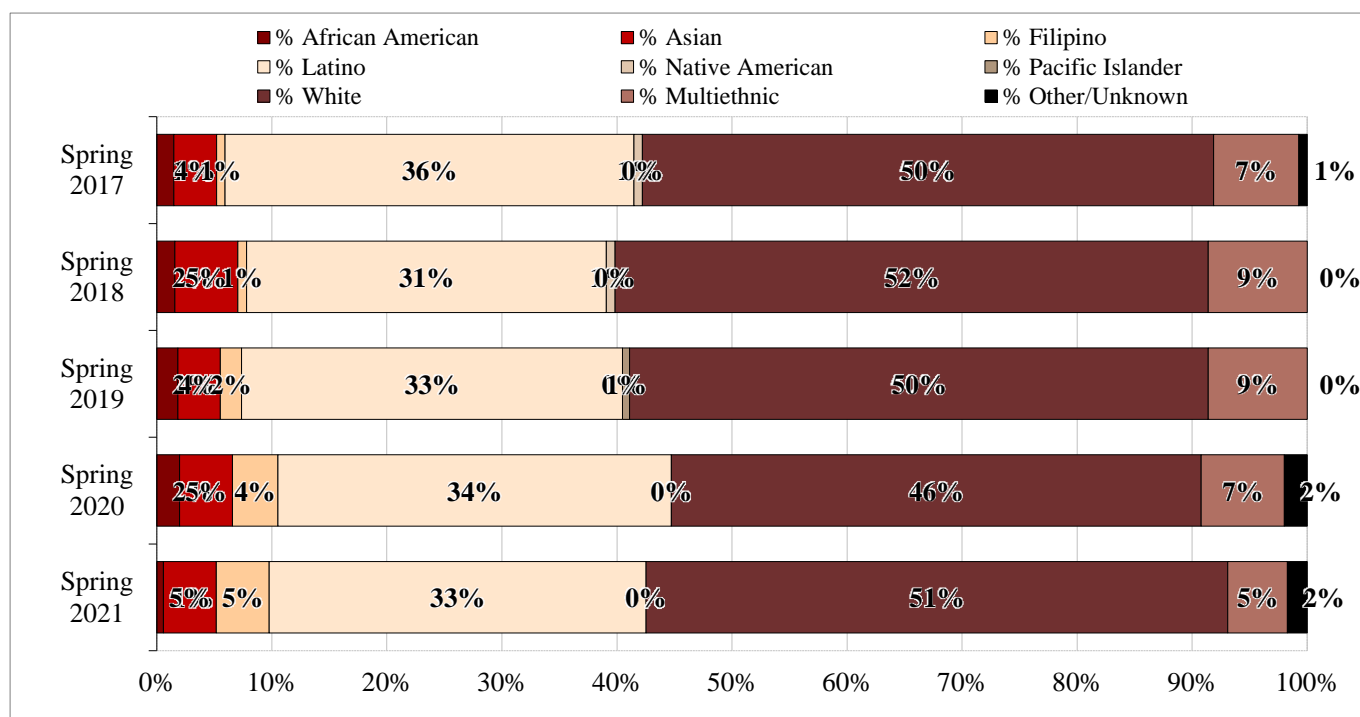
Student Demographics: Gender & Age

Fire Service Technology (FST)					
	Term				
	Spring 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
Female	13	20	24	20	23
Male	121	106	135	130	151
19 yrs. or younger	43	41	62	43	39
20-21 yrs. old	36	31	47	29	29
22-24 yrs. old	28	25	27	38	31
25-29 yrs. old	23	18	17	27	39
30-39 yrs. old	5	12	10	10	26
40-49 yrs. old	0	1	0	4	3
50 yrs. or older	0	0	0	1	7
% Female	10%	16%	15%	13%	13%
% Male	90%	84%	85%	87%	87%
% 19 yrs. or younger	32%	32%	38%	28%	22%
% 20 - 21 yrs. old	27%	24%	29%	19%	17%
% 22 - 24 yrs. old	21%	20%	17%	25%	18%
% 25 - 29 yrs. old	17%	14%	10%	18%	22%
% 30 - 39 yrs. old	4%	9%	6%	7%	15%
% 40 - 49 yrs. old	0%	1%	0%	3%	2%
% 50 yrs. or older	0%	0%	0%	1%	4%

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Student Demographic: Race-Ethnicity

Fire Service Technology (FST)					
	Term				
	Spring 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
African American	2	2	3	3	1
Asian	5	7	6	7	8
Filipino	1	1	3	6	8
Latino	48	40	54	52	57
Native American	1	1	0	0	0
Pacific Islander	0	0	1	0	0
White	67	66	82	70	88
Multiethnic	10	11	14	11	9
Other/Unknown	1	0	0	3	3
% African American	1%	2%	2%	2%	1%
% Asian	4%	5%	4%	5%	5%
% Filipino	1%	1%	2%	4%	5%
% Latino	36%	31%	33%	34%	33%
% Native American	1%	1%	0%	0%	0%
% Pacific Islander	0%	0%	1%	0%	0%
% White	50%	52%	50%	46%	51%
% Multiethnic	7%	9%	9%	7%	5%
% Other/Unknown	1%	0%	0%	2%	2%

Student Enrollment Status

Fire Service Technology (FST)					
	Term				
	Spring 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
First-Time Any College	6	4	8	9	19
First-Time Transfer	15	7	7	17	27
Continuing	112	109	136	116	115
Returning	2	4	7	7	10
Concurrent Enrollment	0	4	5	3	3
% First-Time Any College	4%	3%	5%	6%	11%
% First-Time Transfer	11%	5%	4%	11%	16%
% Continuing	83%	85%	83%	76%	66%
% Returning	1%	3%	4%	5%	6%
% Concurrent Enrollment	0%	3%	3%	2%	2%
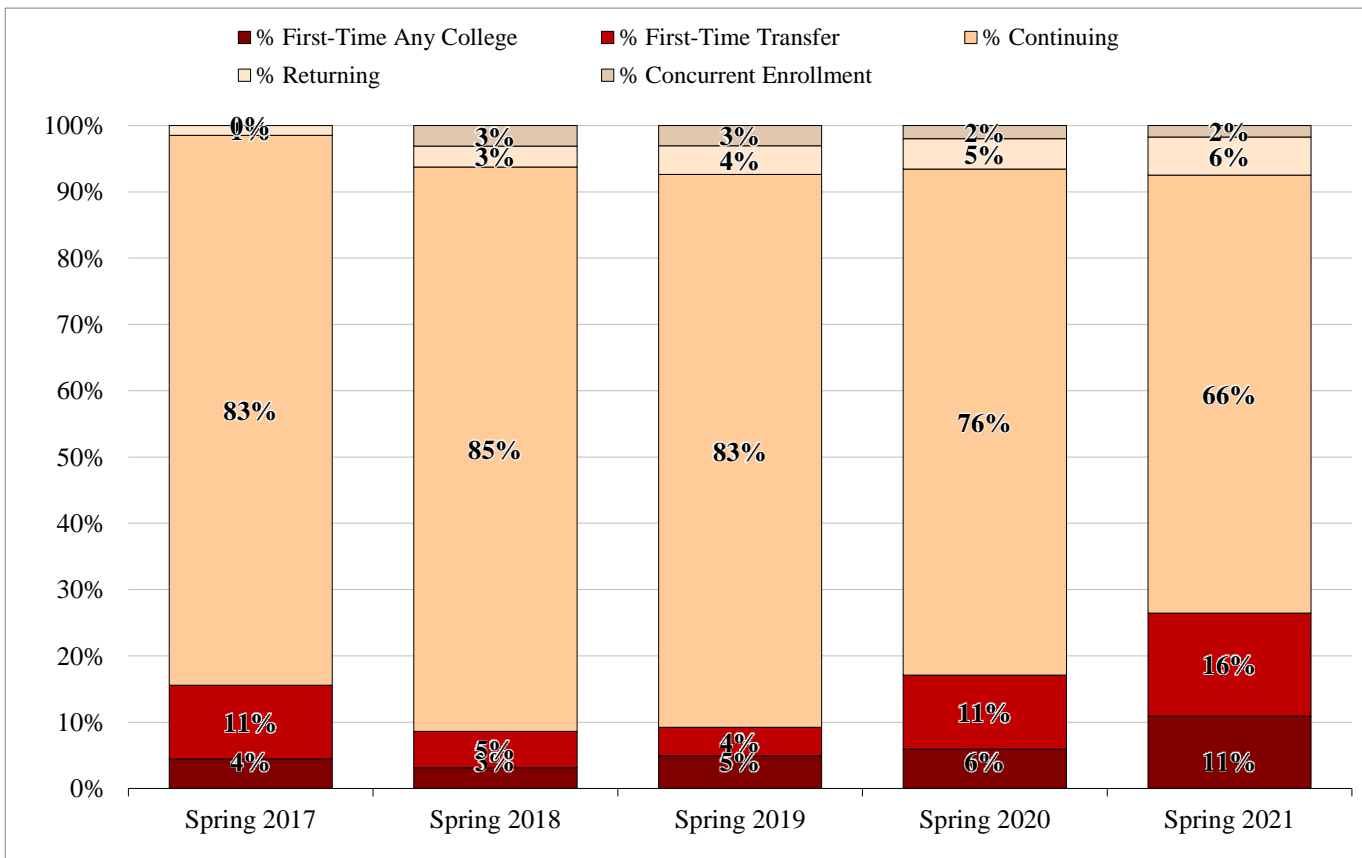
Definitions:

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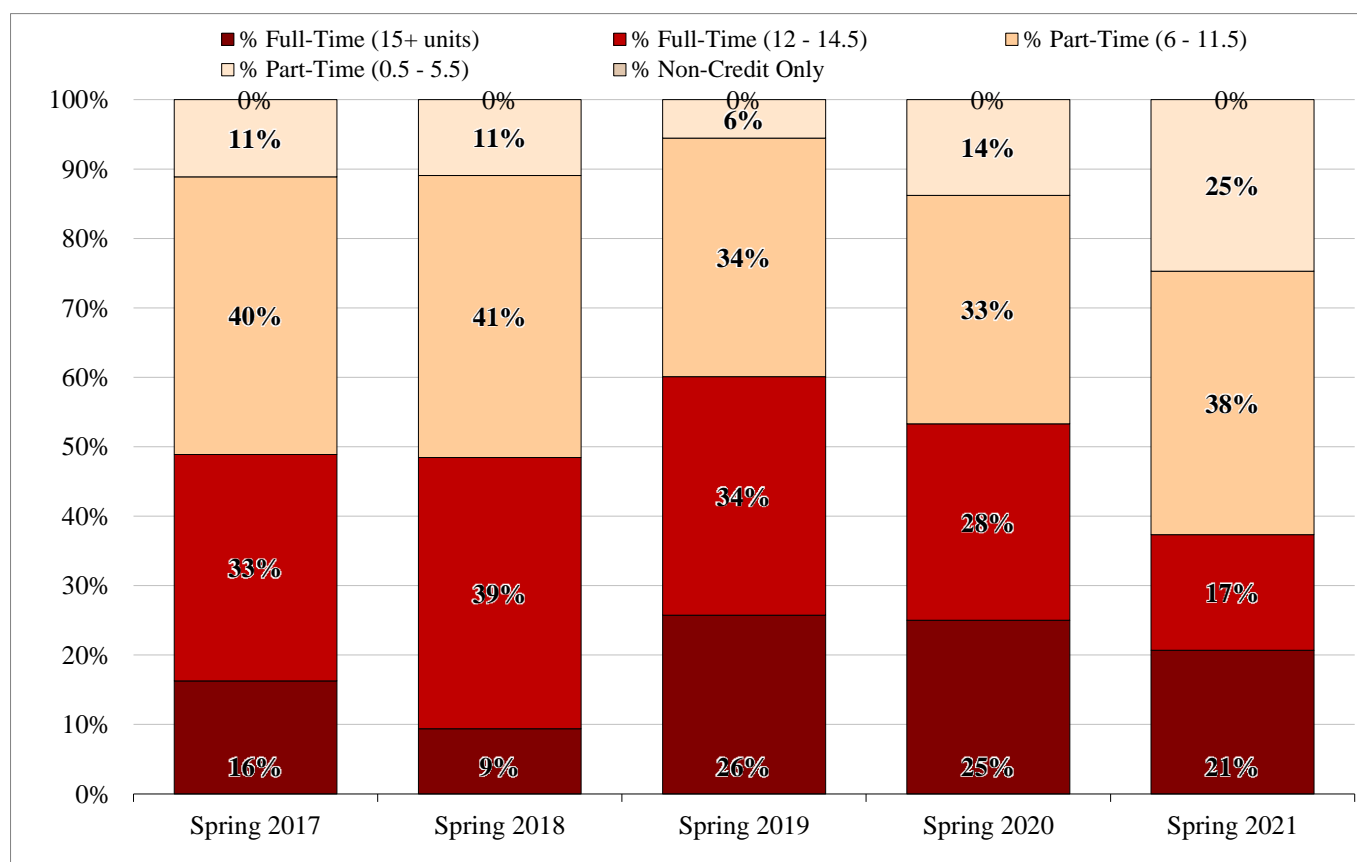
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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

Fire Service Technology (FST)					
	Term				
	Spring 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
Full-Time (15+ units)	22	12	42	38	36
Full-Time (12 - 14.5)	44	50	56	43	29
Part-Time (6 - 11.5)	54	52	56	50	66
Part-Time (0.5 - 5.5)	15	14	9	21	43
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	16%	9%	26%	25%	21%
% Full-Time (12 - 14.5)	33%	39%	34%	28%	17%
% Part-Time (6 - 11.5)	40%	41%	34%	33%	38%
% Part-Time (0.5 - 5.5)	11%	11%	6%	14%	25%
% Non-Credit Only	0%	0%	0%	0%	0%

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Students Using Distance Education

Fire Service Technology (FST)					
	Term				
(Categories reflect college-wide coursework)	**Spring 2017**	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
Face-to-Face (F2F) Only	123	115	138	133	48
Both F2F and DE	12	13	25	19	27
Distance Education (DE) Only	0	0	0	0	99
% Face-to-Face (F2F) Only	91%	90%	85%	88%	28%
% Both F2F and DE	9%	10%	15%	13%	16%
% Distance Education (DE) Only	0%	0%	0%	0%	57%
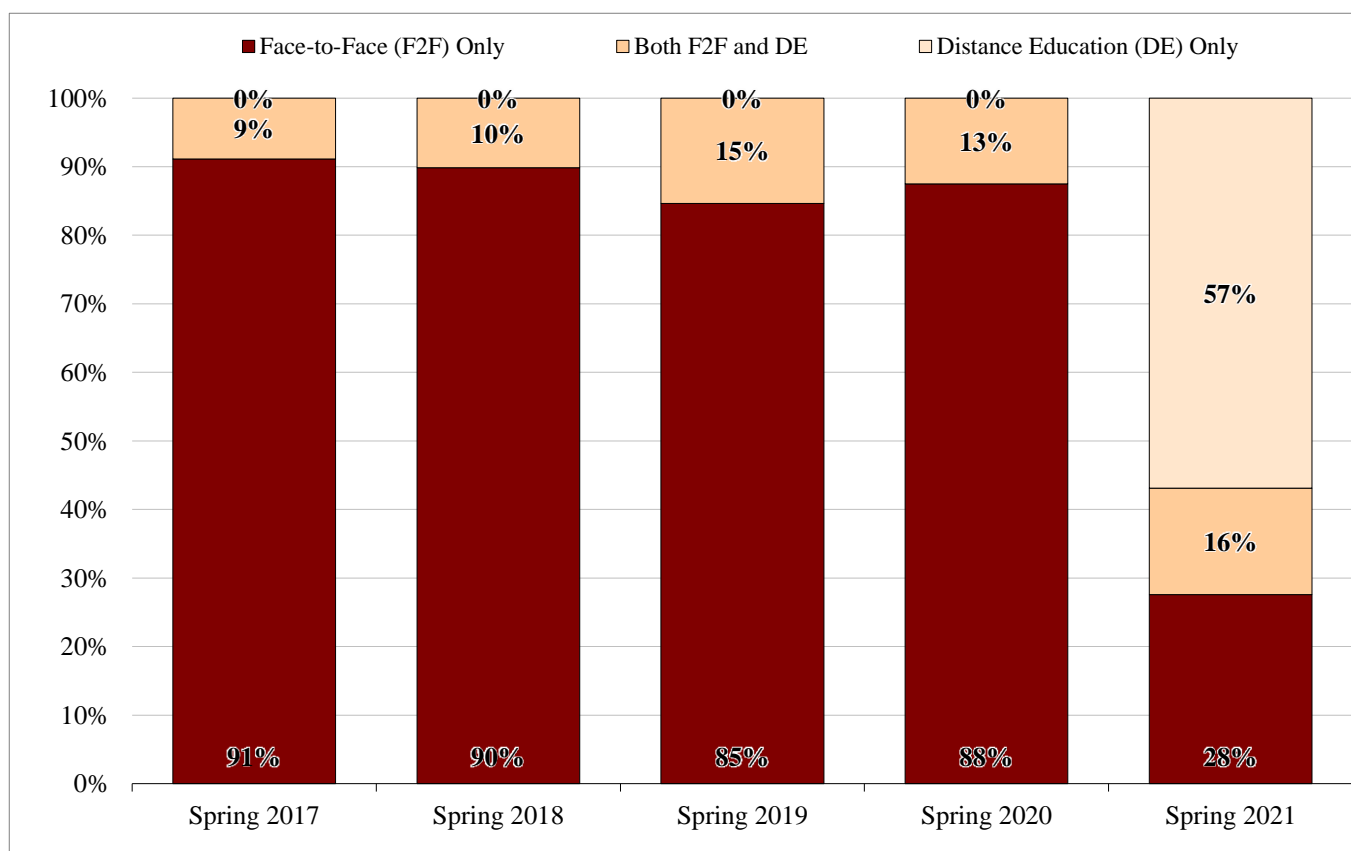
Distance Education (DE) includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'. In 2020-21, due to the COVID-19 pandemic, DE sections were distinguished through provisional designations.

Student Educational Goal

Fire Service Technology (FST)					
	Term				
	Spring 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
Transfer (w/ or w/o AA/AS degree)	64	64	81	66	50
Associate Degree Only (AA/AS)	31	17	26	30	41
Occupational Certificate or Job Training	26	37	38	39	64
Improve English/Math Basic Skills	1	0	0	0	2
Personal Development (intellectual/cultural)	0	1	1	2	5
Other	0	0	0	1	0
Undecided	11	8	17	12	12
Unknown	2	1	0	2	0
% Transfer (w/ or w/o AA/AS degree)	47%	50%	50%	43%	29%
% Associate Degree Only (AA/AS)	23%	13%	16%	20%	24%
% Occupational Certificate or Job Training	19%	29%	23%	26%	37%
% Improve English/Math Basic Skills	1%	0%	0%	0%	1%
% Personal Development (intellectual/cultural)	0%	1%	1%	1%	3%
% Other	0%	0%	0%	1%	0%
% Undecided	8%	6%	10%	8%	7%
% Unknown	1%	1%	0%	1%	0%
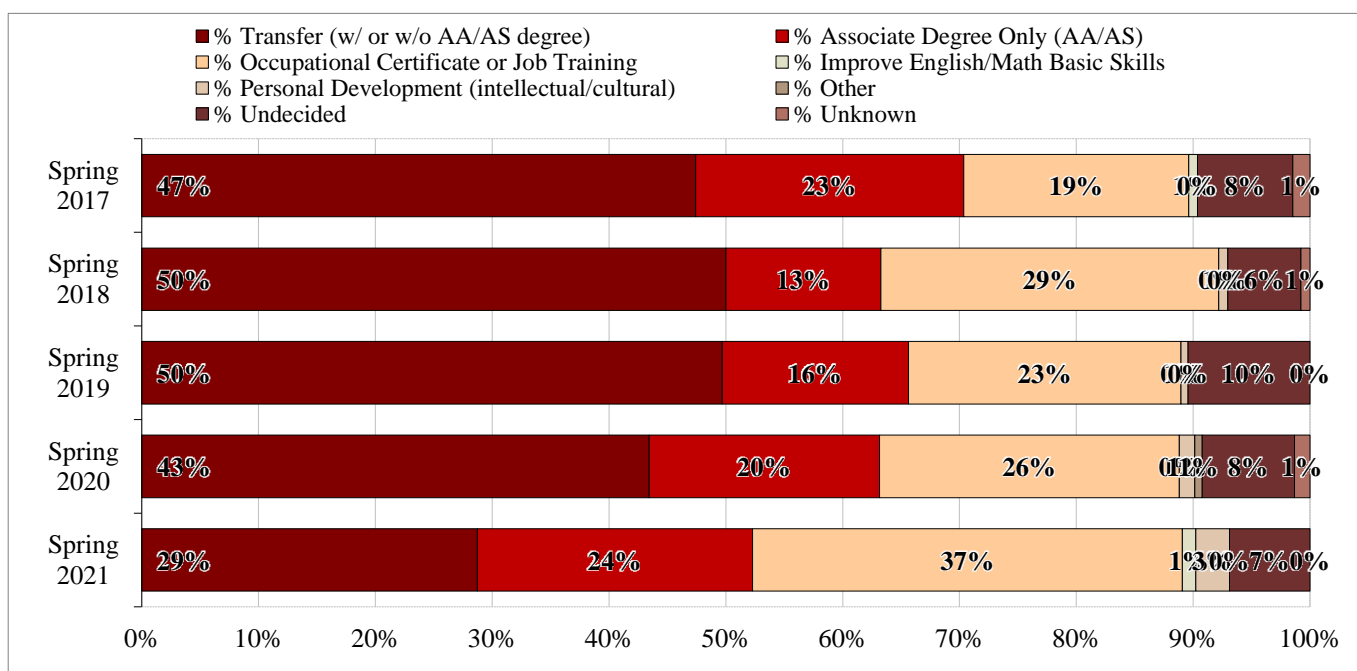
Definitions:

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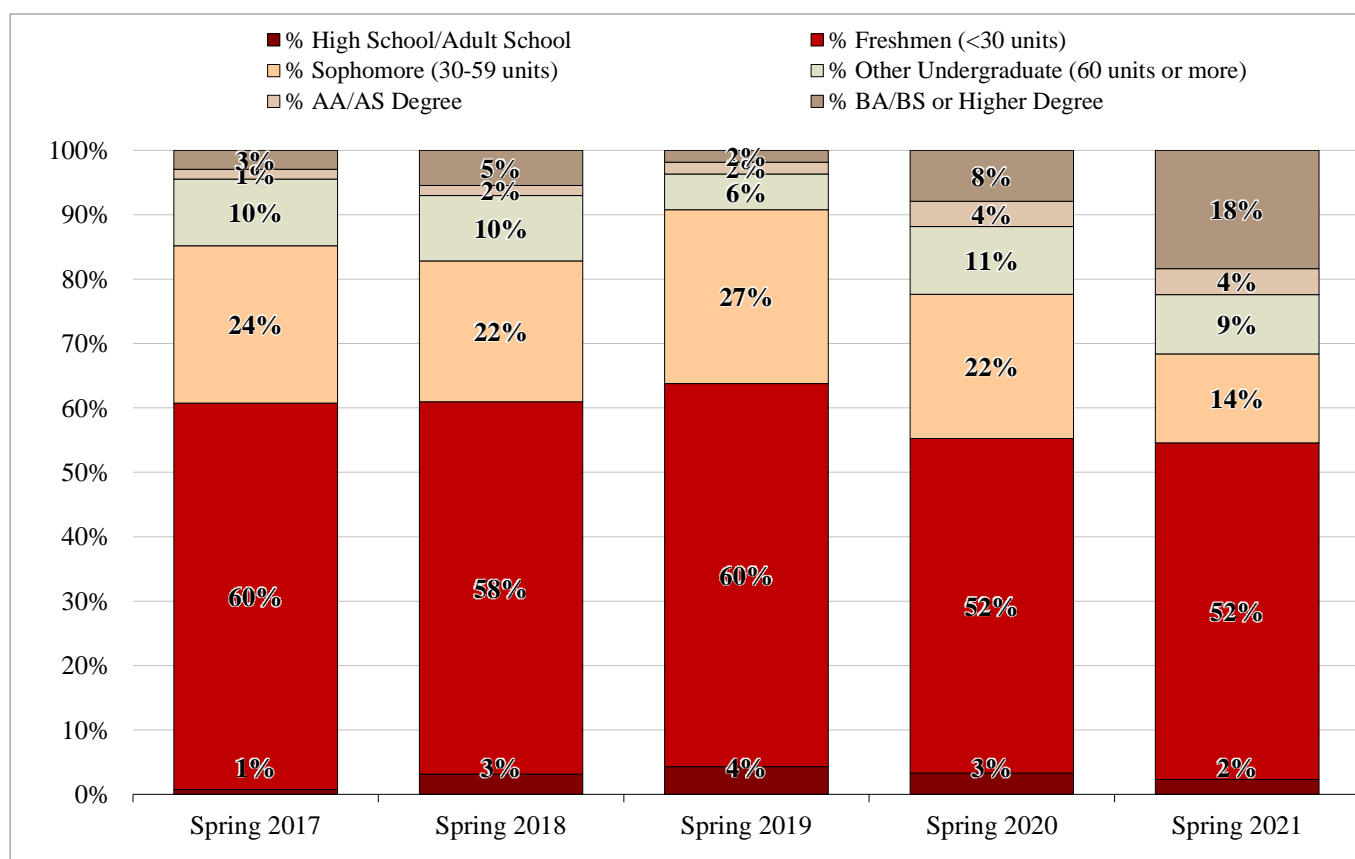
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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

Fire Service Technology (FST)					
	Term				
	Spring 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
High School/Adult School	1	4	7	5	4
Freshmen (<30 units)	81	74	97	79	91
Sophomore (30-59 units)	33	28	44	34	24
Other Undergraduate (60 units or more)	14	13	9	16	16
AA/AS Degree	2	2	3	6	7
BA/BS or Higher Degree	4	7	3	12	32
% High School/Adult School	1%	3%	4%	3%	2%
% Freshmen (<30 units)	60%	58%	60%	52%	52%
% Sophomore (30-59 units)	24%	22%	27%	22%	14%
% Other Undergraduate (60 units or more)	10%	10%	6%	11%	9%
% AA/AS Degree	1%	2%	2%	4%	4%
% BA/BS or Higher Degree	3%	5%	2%	8%	18%

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Student Performance: Grade Distribution

| Fire Service Technology (FST)					
Term					
	Spring 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
Total Course Enrollments	**252**	**239**	**265**	**266**	**308**
Course Success Rates	**80%**	**82%**	**79%**	**69%**	**72%**
A	49%	39%	46%	39%	48%
B	22%	31%	23%	22%	18%
C	9%	12%	10%	6%	6%
P	0%	0%	0%	2%	<1%
Course Non-Success Rate	**13%**	**7%**	**9%**	**6%**	**9%**
D	2%	2%	3%	1%	1%
F*	11%	5%	6%	5%	9%
Withdrawals (See Note)	**7%**	**12%**	**12%**	**25%**	**19%**
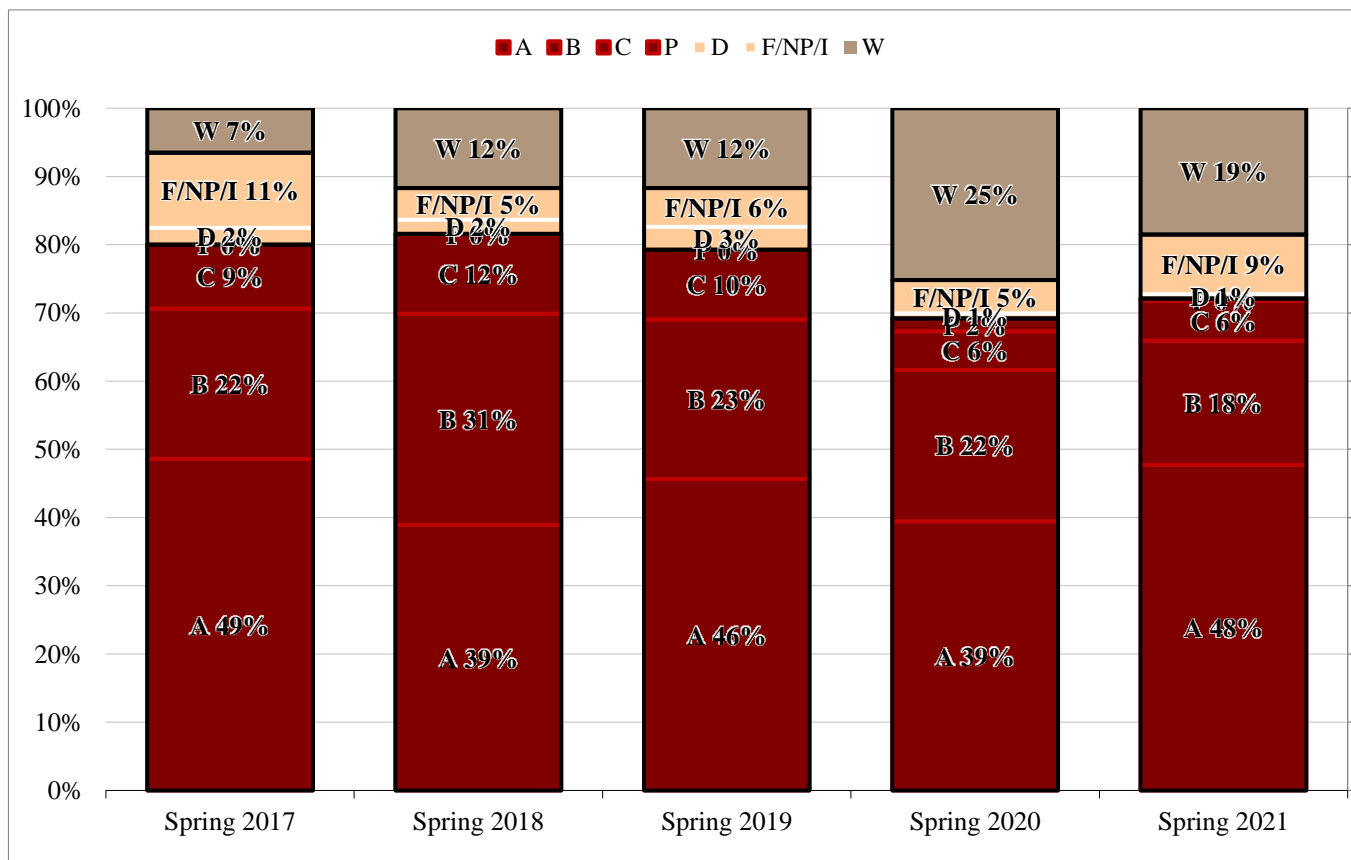
Definitions:

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' 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 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
Total Course Enrollments	**252**	**239**	**265**	**266**	**308**
Face-to-Face (F2F) Sections	**252**	**239**	**265**	**266**	**116**
Success Rates	80%	82%	79%	69%	84%
Non-Success Rates	13%	7%	9%	6%	2%
Withdrawals	7%	12%	12%	25%	14%
Distance Education (DE) Sections	**0**	**0**	**0**	**0**	**192**
Success Rates	—	—	—	—	65%
Non-Success Rates	—	—	—	—	14%
Withdrawals	—	—	—	—	21%
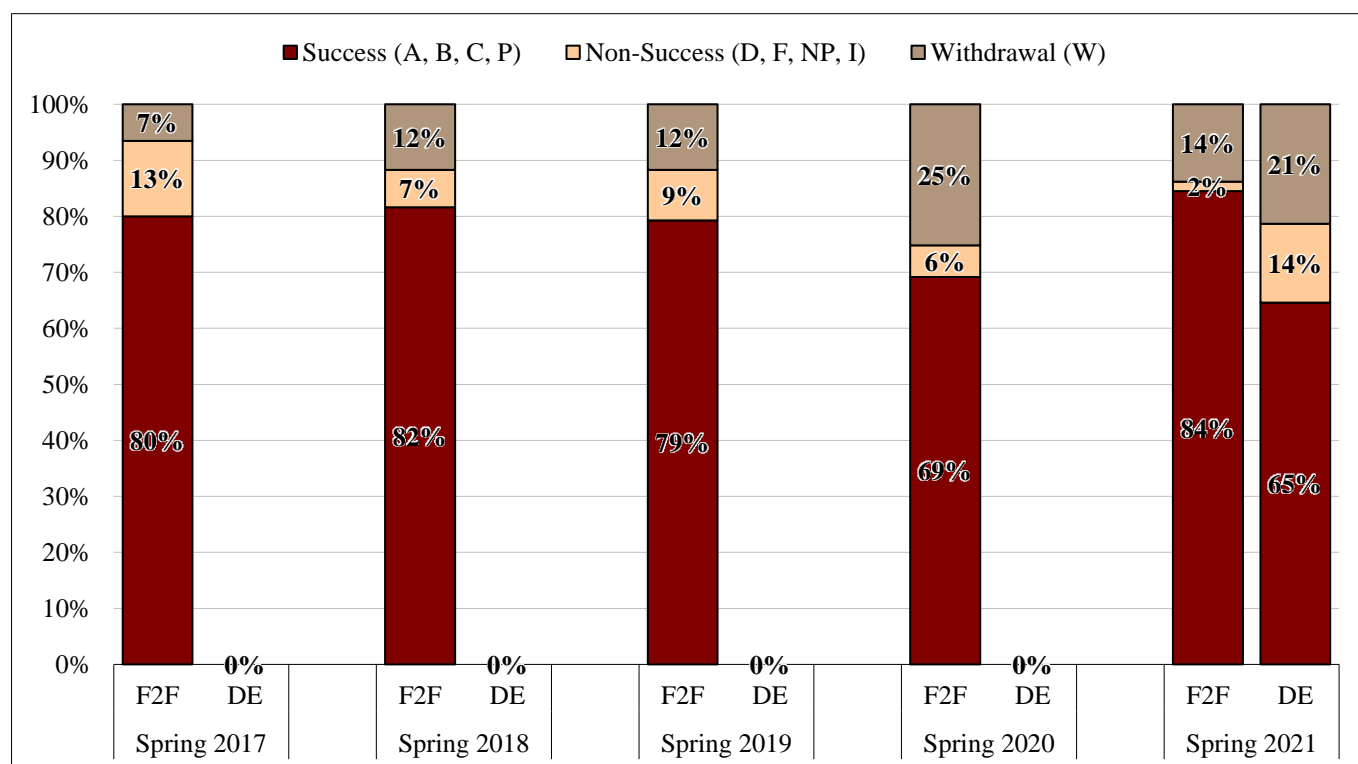
Definitions:

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 2017	**Spring 2018**	**Spring 2019**	**Spring 2020**	**Spring 2021**
WSCH	955	812	1,729	1,638	1,171
FTES	31.5	26.5	57.6	54.4	37.8
FTEF	2.2	1.5	1.9	1.4	1.7
Productivity (WSCH/FTEF)	434.9	535.6	917.7	1,213.3	682.0
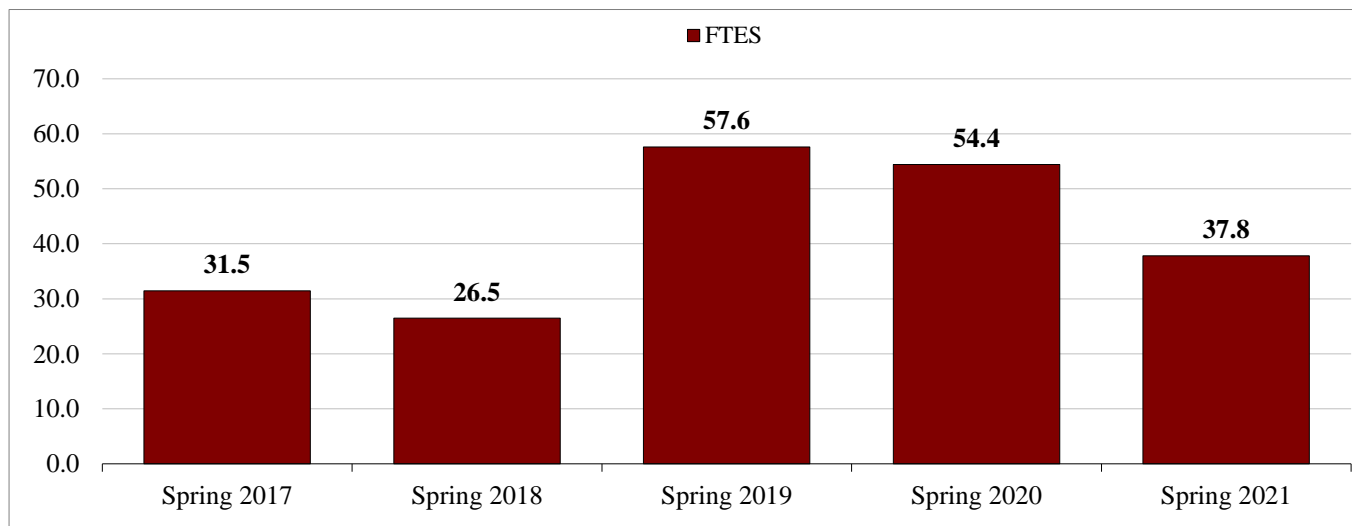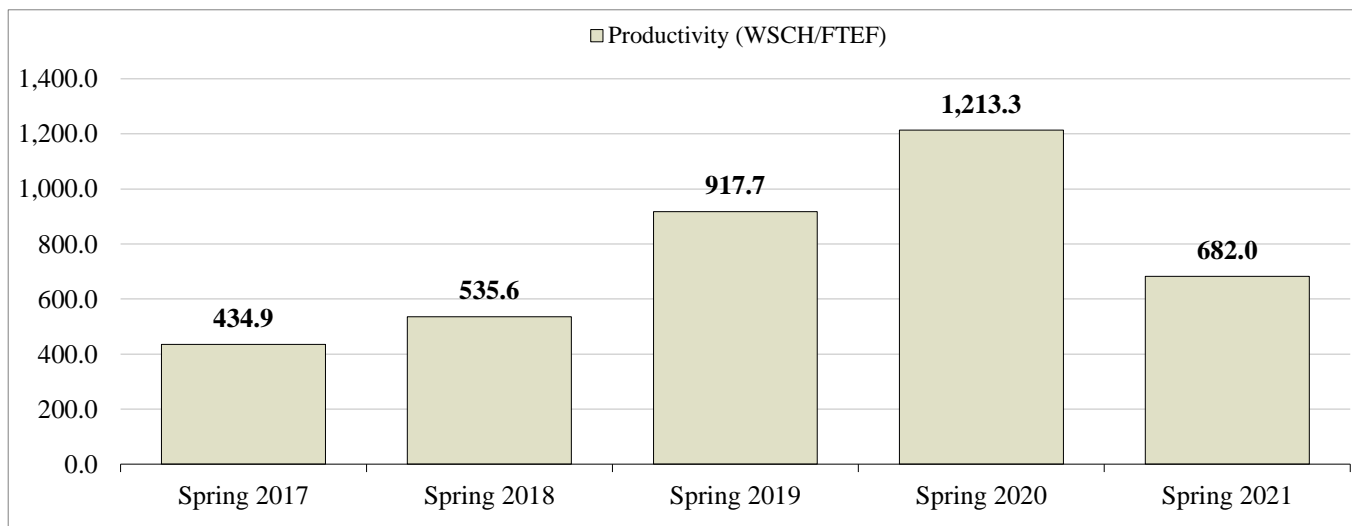
Definitions:

    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 2017	Spring 2018	Spring 2019	Spring 2020	Spring 2021
FTEF from Full-Time Faculty	1.3	1.1	1.2	0.6	0.6
% FTEF from Full-Time Faculty	58%	71%	63%	44%	35%
Enrollments	252	239	265	266	308
Capacity (seats available)	396	308	383	324	438
Fill Rate	64%	78%	69%	82%	70%
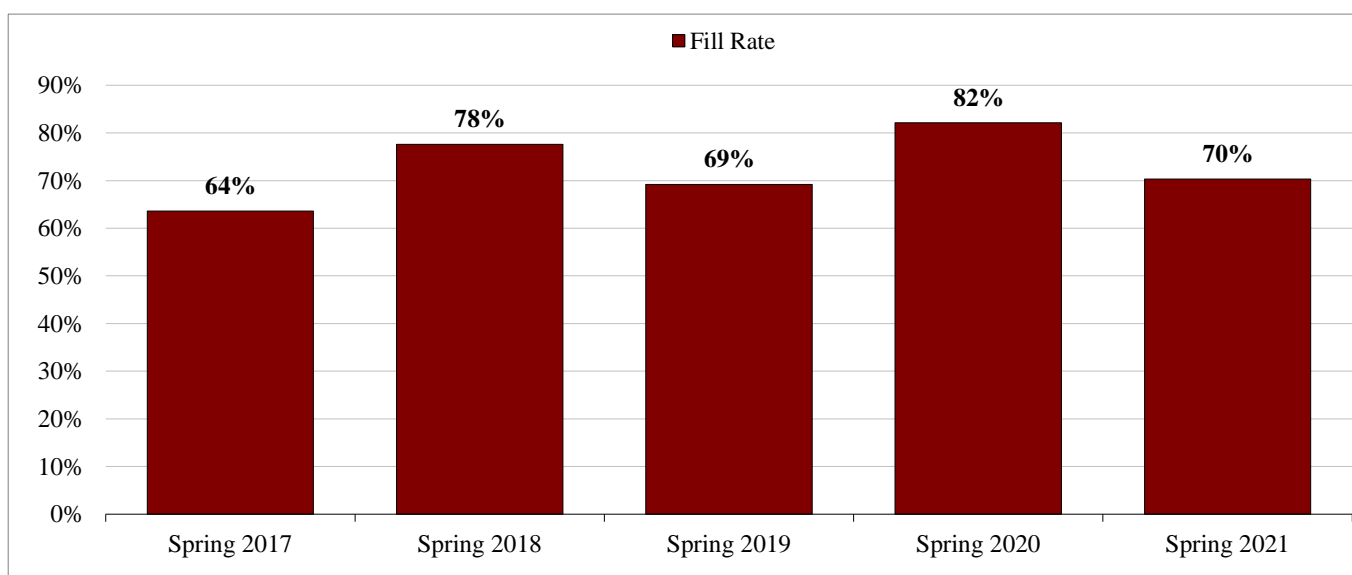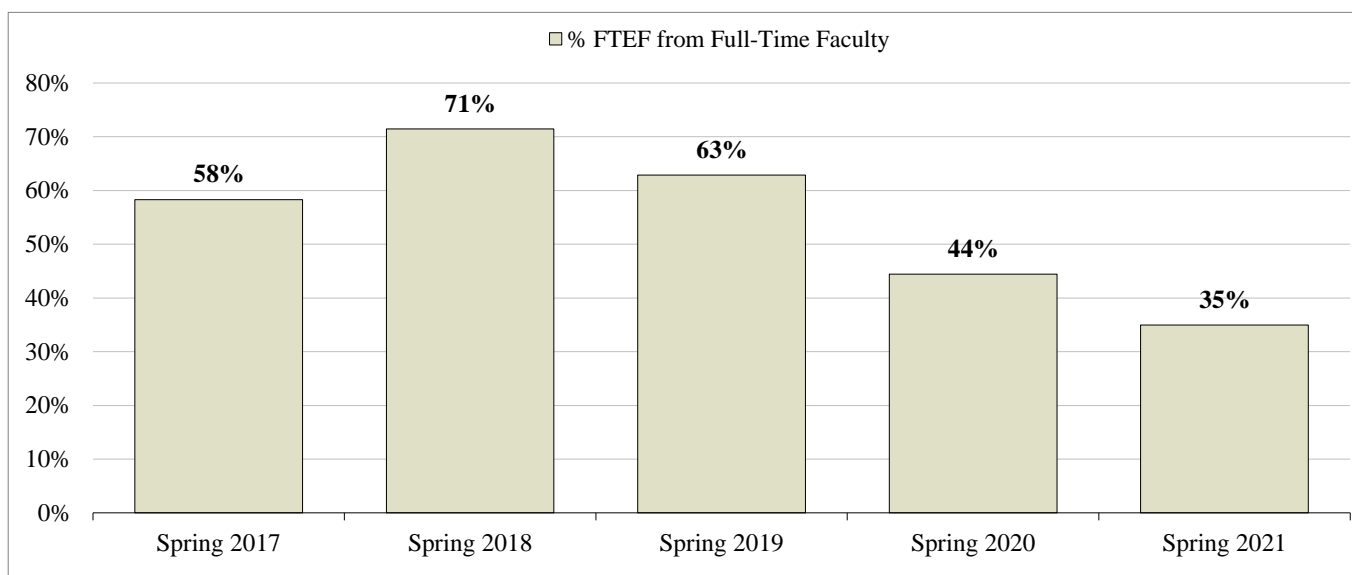
Definitions:

    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 7/14/20.

Prior Experience in English & Math

Spring 2021	FST		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	83	48%	4,882	61%
Attempted College-level	8	5%	547	7%
Attempted Below College-level	5	3%	65	1%
No Prior Attempt (has placement)	34	20%	1,066	13%
No Prior Attempt (no placement)	44	25%	1,485	18%
College Math				
Completed College-level	58	43%	5,173	64%
Attempted College-level	2	1%	186	2%
Attempted Below College-level	3	2%	217	3%
No Prior Attempt (has placement)	65	48%	1,126	14%
No Prior Attempt (no placement)	8	6%	1,343	17%
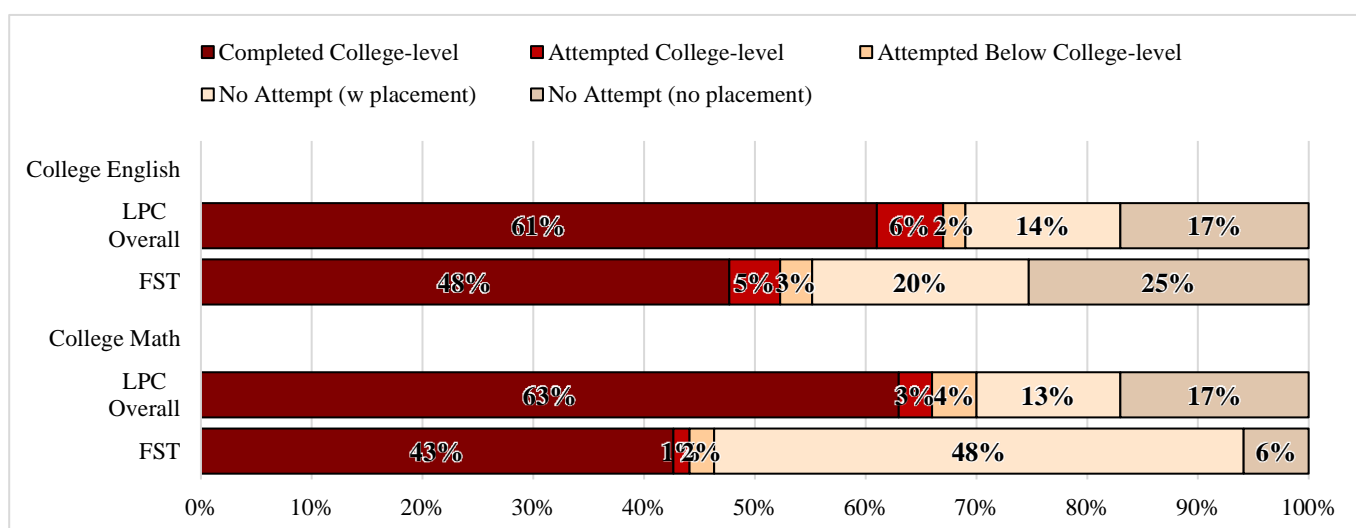
Definitions:

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