



Las Positas College

Discipline Program Review Data Packet

Fall 2018 to Spring 2023

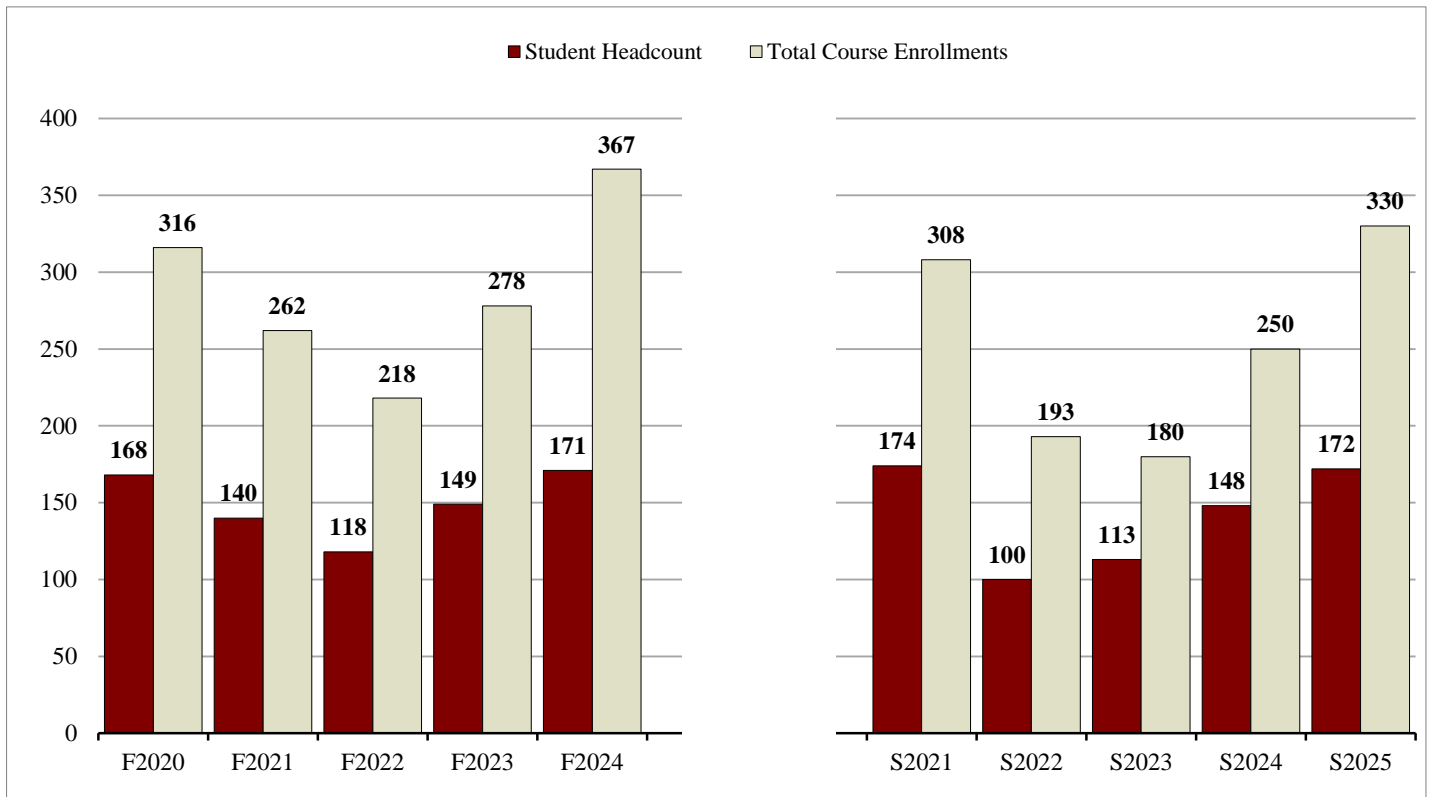
Discipline:

Fire Service Technology (FST)

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Headcount & Enrollment

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Student Headcount	168	140	118	149	171	174	100	113	148	172
Total Course Enrollments	316	262	218	278	367	308	193	180	250	330



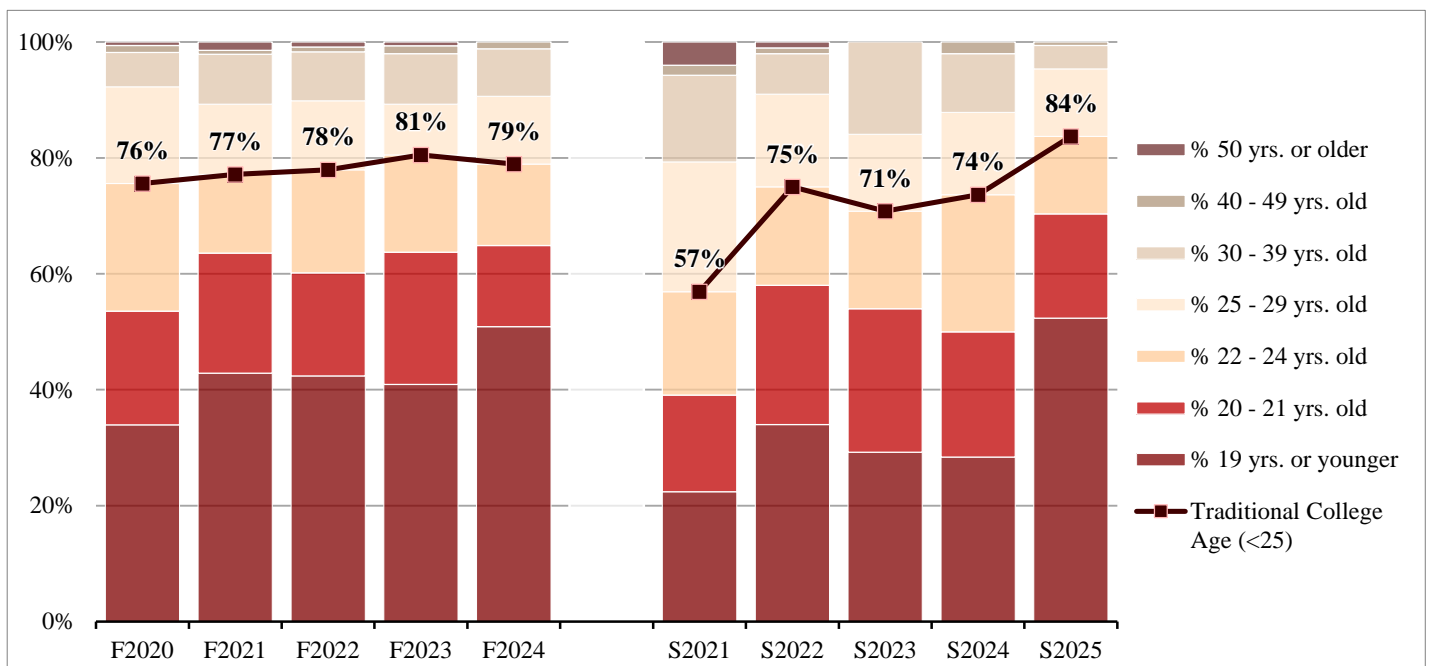
Definitions:

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.

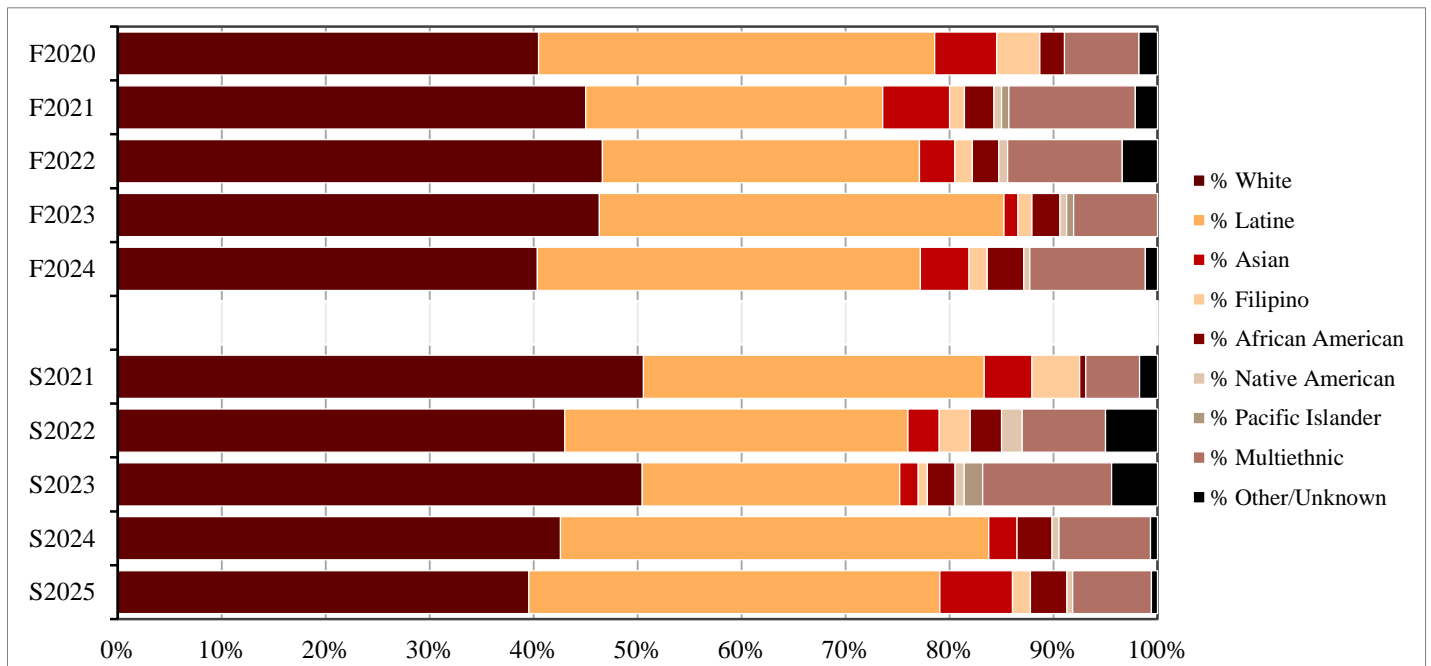
Student Demographics: Gender & Age

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Female	14	9	14	17	10	23	9	10	12	16
Male	151	129	100	124	154	151	87	100	129	156
19 yrs. or younger	57	60	50	61	87	39	34	33	42	90
20-21 yrs. old	33	29	21	34	24	29	24	28	32	31
22-24 yrs. old	37	19	21	25	24	31	17	19	35	23
25-29 yrs. old	28	17	14	13	20	39	16	15	21	20
30-39 yrs. old	10	12	10	13	14	26	7	18	15	7
40-49 yrs. old	2	1	1	2	2	3	1	0	3	1
50 yrs. or older	1	2	1	1	0	7	1	0	0	0
% Female	8%	7%	12%	12%	6%	13%	9%	9%	9%	9%
% Male	92%	93%	88%	88%	94%	87%	91%	91%	91%	91%
% 19 yrs. or younger	34%	43%	42%	41%	51%	22%	34%	29%	28%	52%
% 20 - 21 yrs. old	20%	21%	18%	23%	14%	17%	24%	25%	22%	18%
% 22 - 24 yrs. old	22%	14%	18%	17%	14%	18%	17%	17%	24%	13%
% 25 - 29 yrs. old	17%	12%	12%	9%	12%	22%	16%	13%	14%	12%
% 30 - 39 yrs. old	6%	9%	8%	9%	8%	15%	7%	16%	10%	4%
% 40 - 49 yrs. old	1%	1%	1%	1%	1%	2%	1%	0%	2%	1%
% 50 yrs. or older	1%	1%	1%	1%	0%	4%	1%	0%	0%	0%



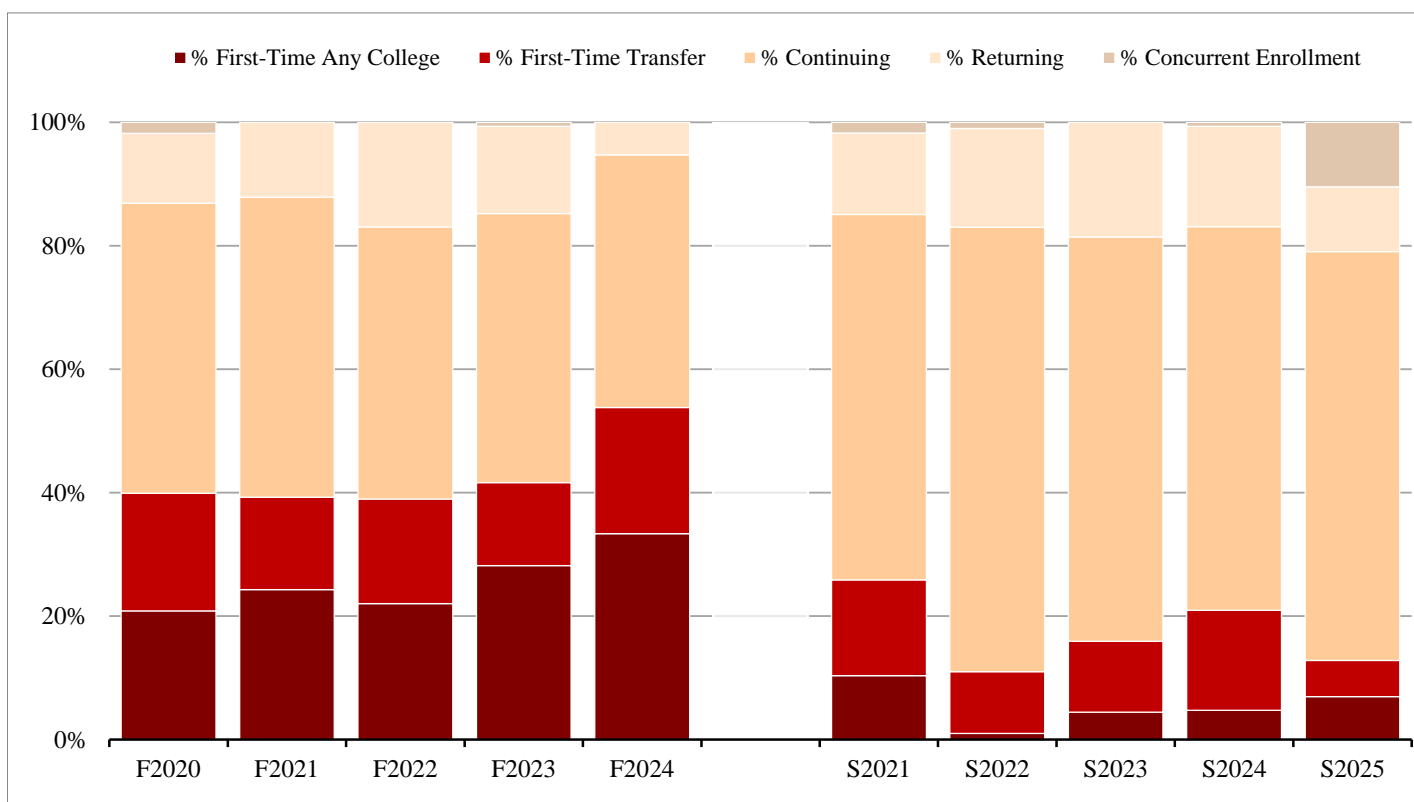
Student Demographic: Race-Ethnicity

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
African American	4	4	3	4	6	1	3	3	5	6
Asian	10	9	4	2	8	8	3	2	4	12
Filipino	7	2	2	2	3	8	3	1	0	3
Latine	64	40	36	58	63	57	33	28	61	68
Native American	0	1	1	1	1	0	2	1	1	1
Pacific Islander	0	1	0	1	0	0	0	2	0	0
White	68	63	55	69	69	88	43	57	63	68
Multiethnic	12	17	13	12	19	9	8	14	13	13
Other/Unknown	3	3	4	0	2	3	5	5	1	1
% African American	2%	3%	3%	3%	4%	1%	3%	3%	3%	3%
% Asian	6%	6%	3%	1%	5%	5%	3%	2%	3%	7%
% Filipino	4%	1%	2%	1%	2%	5%	3%	1%	0%	2%
% Latine	38%	29%	31%	39%	37%	33%	33%	25%	41%	40%
% Native American	0%	1%	1%	1%	1%	0%	2%	1%	1%	1%
% Pacific Islander	0%	1%	0%	1%	0%	0%	0%	2%	0%	0%
% White	40%	45%	47%	46%	40%	51%	43%	50%	43%	40%
% Multiethnic	7%	12%	11%	8%	11%	5%	8%	12%	9%	8%
% Other/Unknown	2%	2%	3%	0%	1%	2%	5%	4%	1%	1%



Student Enrollment Status

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
First-Time Any College	35	34	26	42	57	18	1	5	7	12
First-Time Transfer	32	21	20	20	35	27	10	13	24	10
Continuing	79	68	52	65	70	103	72	74	92	114
Returning	19	17	20	21	9	23	16	21	24	18
Concurrent Enrollment	3	0	0	1	0	3	1	0	1	18
% First-Time Any College	21%	24%	22%	28%	33%	10%	1%	4%	5%	7%
% First-Time Transfer	19%	15%	17%	13%	20%	16%	10%	12%	16%	6%
% Continuing	47%	49%	44%	44%	41%	59%	72%	65%	62%	66%
% Returning	11%	12%	17%	14%	5%	13%	16%	19%	16%	10%
% Concurrent Enrollment	2%	0%	0%	1%	0%	2%	1%	0%	1%	10%



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.

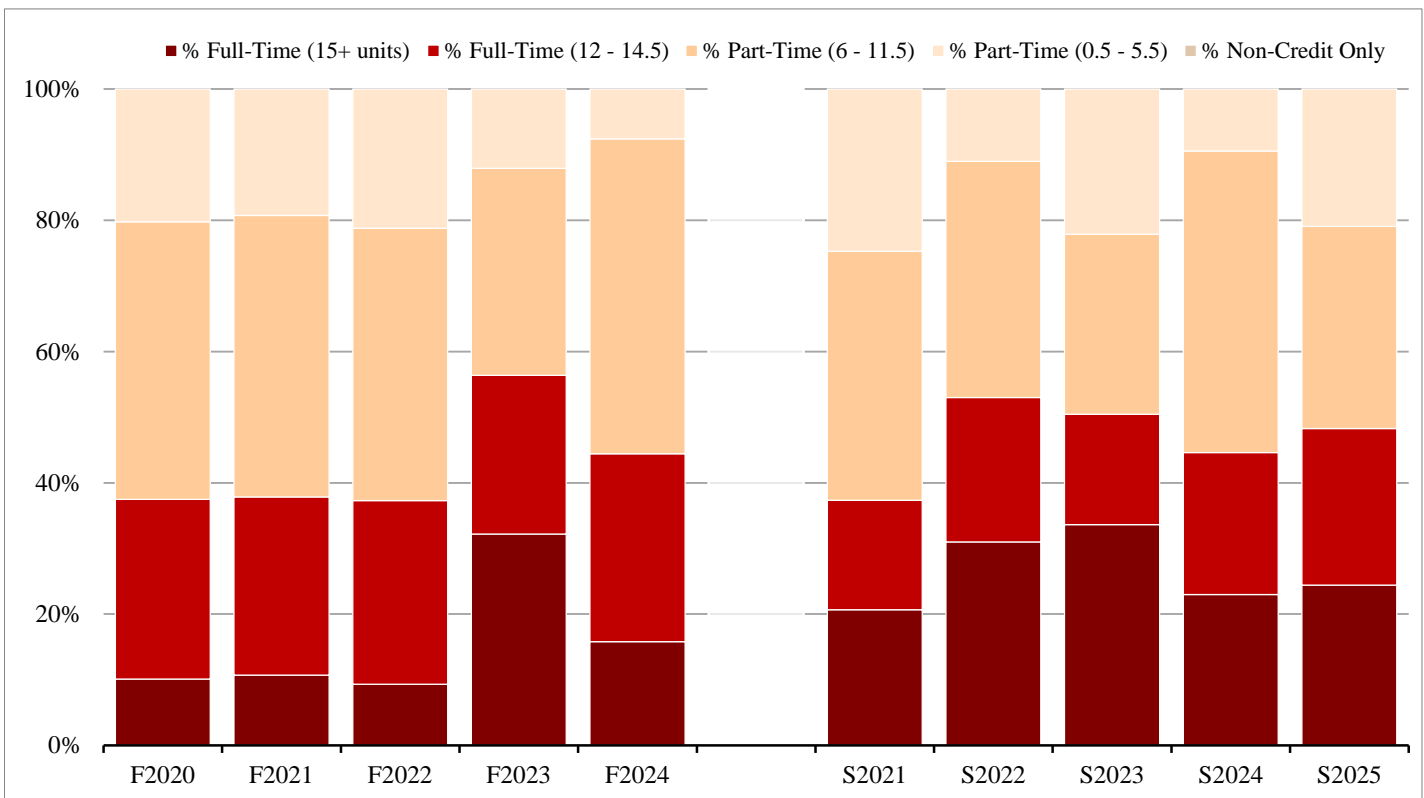
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

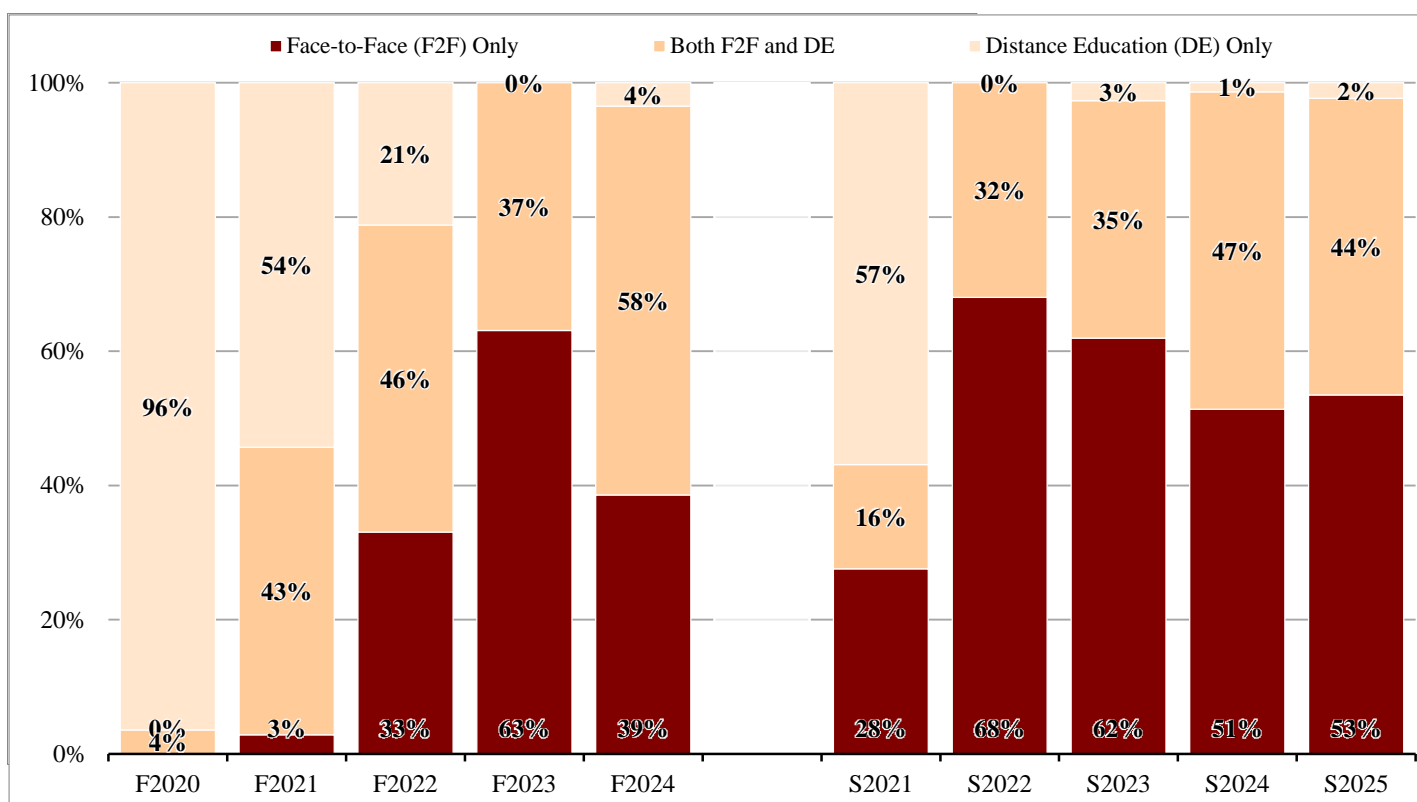
Student Unit Load

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Full-Time (15+ units)	17	15	11	48	27	36	31	38	34	42
Full-Time (12 - 14.5 units)	46	38	33	36	49	29	22	19	32	41
Part-Time (6 - 11.5 units)	71	60	49	47	82	66	36	31	68	53
Part-Time (0.5 - 5.5 units)	34	27	25	18	13	43	11	25	14	36
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	10%	11%	9%	32%	16%	21%	31%	34%	23%	24%
% Full-Time (12 - 14.5)	27%	27%	28%	24%	29%	17%	22%	17%	22%	24%
% Part-Time (6 - 11.5)	42%	43%	42%	32%	48%	38%	36%	27%	46%	31%
% Part-Time (0.5 - 5.5)	20%	19%	21%	12%	8%	25%	11%	22%	9%	21%
% Non-Credit Only	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



Students Using Distance Education

Fire Service Technology (FST)										
<i>(Categories reflect college-wide coursework)</i>	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Face-to-Face (F2F) Only	0	4	39	94	66	48	68	70	76	92
Both F2F and DE	6	60	54	55	99	27	32	40	70	76
Distance Education (DE) Only	162	76	25	0	6	99	0	3	2	4
% Face-to-Face (F2F) Only	0%	3%	33%	63%	39%	28%	68%	62%	51%	53%
% Both F2F and DE	4%	43%	46%	37%	58%	16%	32%	35%	47%	44%
% Distance Education (DE) Only	96%	54%	21%	0%	4%	57%	0%	3%	1%	2%



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.

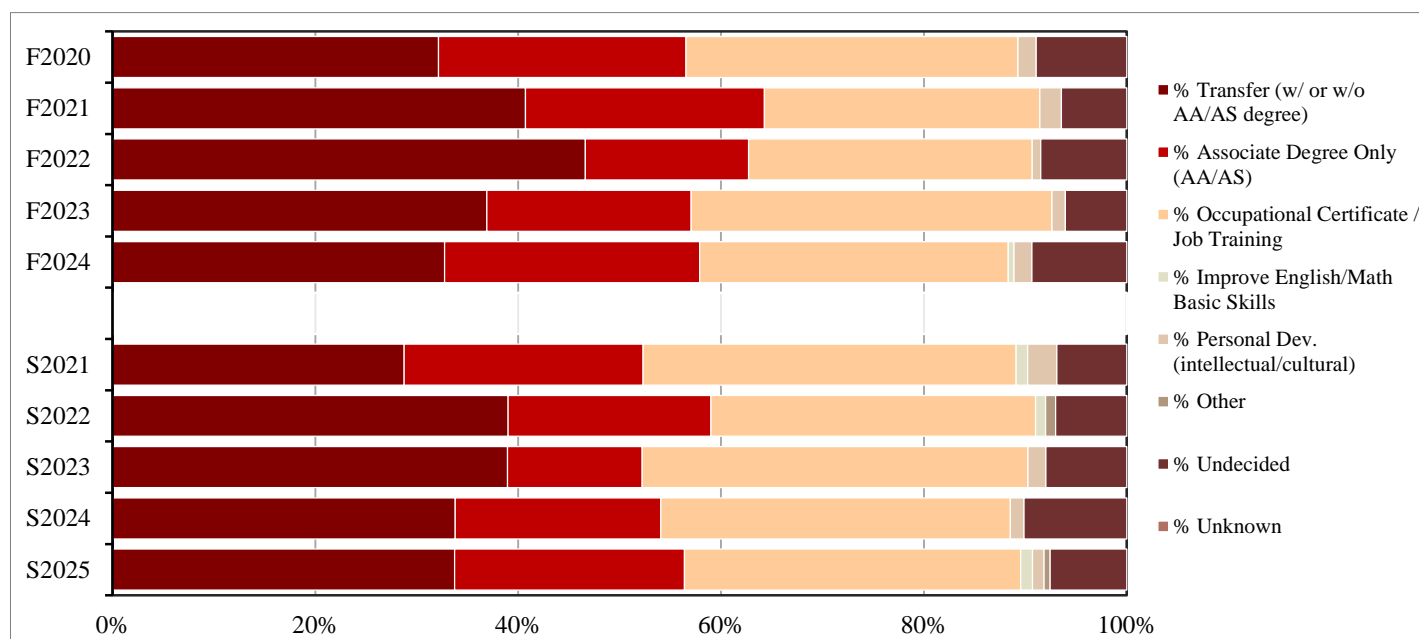
In Summer 2020 and Fall 2020, due to the COVID-19 pandemic, via web comments for each section; identified as any with an online component.

In Spring 2021 and Summer 2021, via section numbers (i.e., 'A##', 'S##', 'B##', 'H##', 'HF#').

Since Fall 2021 to present, via course attributes identifying course modality, or, when no attributes are provided, via section numbers (as previously indicated).

Student Educational Goal

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Transfer (w/ or w/o AA/AS degree)	54	57	55	55	56	50	39	44	50	58
Associate Degree Only (AA/AS)	41	33	19	30	43	41	20	15	30	39
Occupational Certificate / Job Training	55	38	33	53	52	64	32	43	51	57
Improve English/Math Basic Skills	0	0	0	0	1	2	1	0	0	2
Personal Development (intellectual/cultural)	3	3	1	2	3	5	0	2	2	2
Other	0	0	0	0	0	0	1	0	0	1
Undecided	15	9	10	9	16	12	7	9	15	13
Unknown	0	0	0	0	0	0	0	0	0	0
% Transfer (w/ or w/o AA/AS degree)	32%	41%	47%	37%	33%	29%	39%	39%	34%	34%
% Associate Degree Only (AA/AS)	24%	24%	16%	20%	25%	24%	20%	13%	20%	23%
% Occupational Certificate / Job Training	33%	27%	28%	36%	30%	37%	32%	38%	34%	33%
% Improve English/Math Basic Skills	0%	0%	0%	0%	1%	1%	1%	0%	0%	1%
% Personal Dev. (intellectual/cultural)	2%	2%	1%	1%	2%	3%	0%	2%	1%	1%
% Other	0%	0%	0%	0%	0%	0%	1%	0%	0%	1%
% Undecided	9%	6%	8%	6%	9%	7%	7%	8%	10%	8%
% Unknown	0%	0%	0%	0%	0%	0%	0%	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.

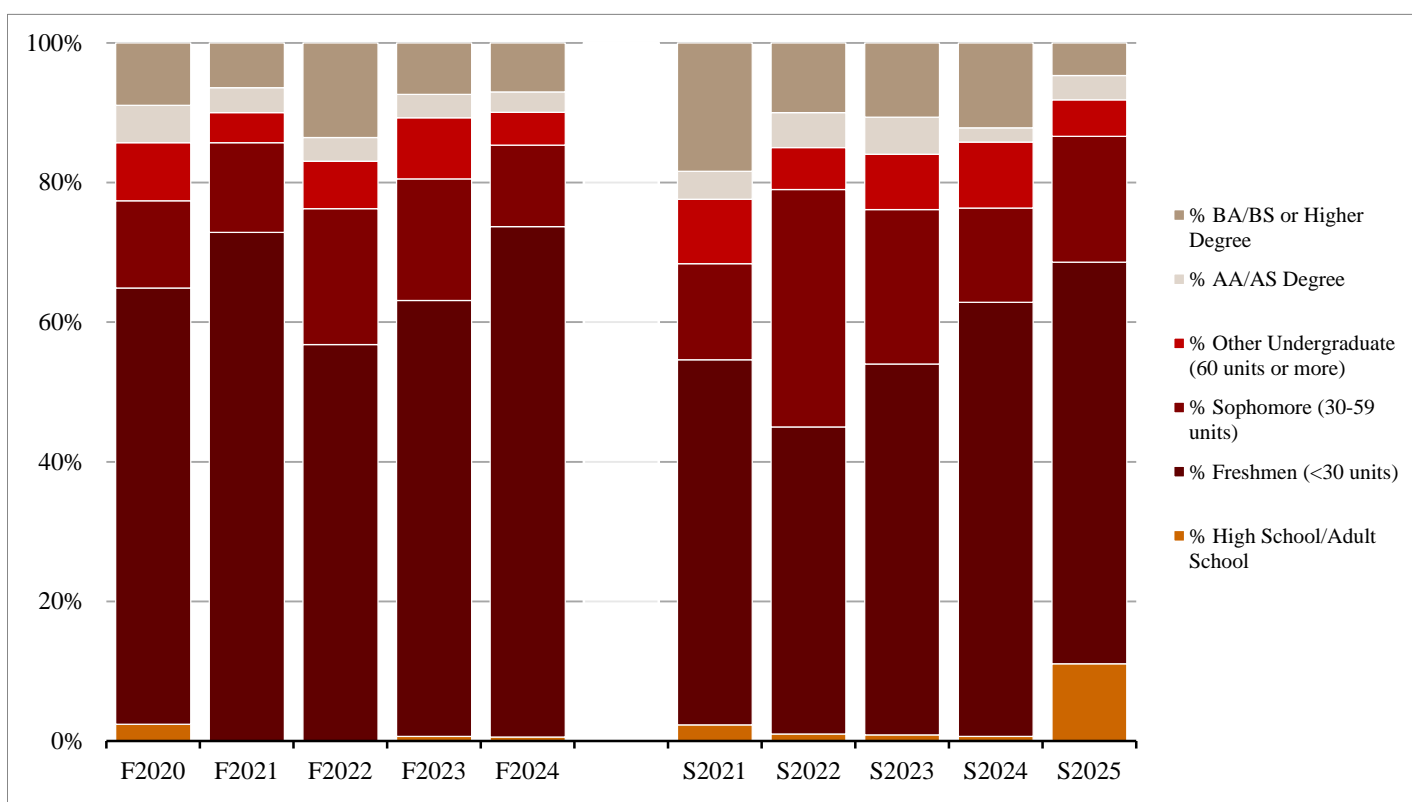
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

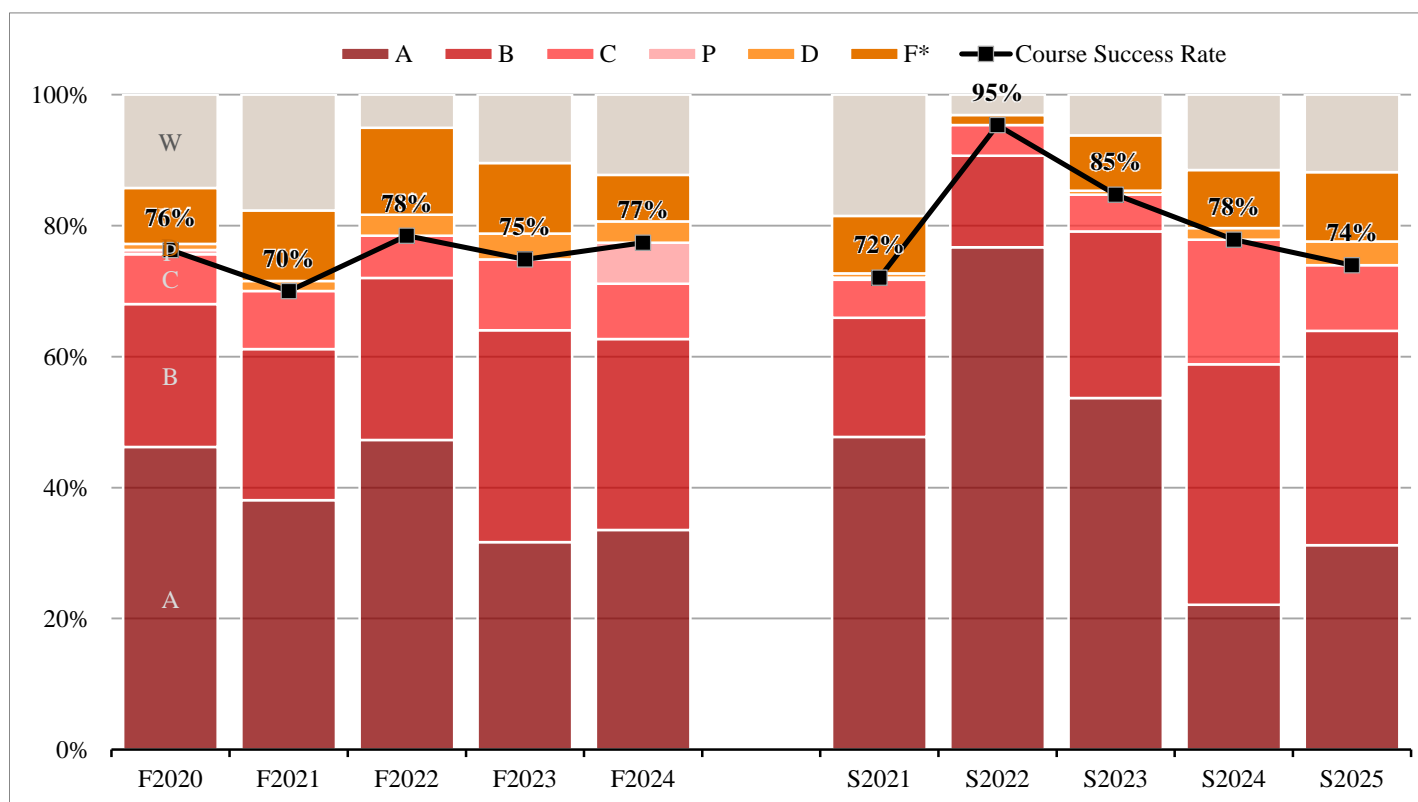
Highest Educational Level of Students

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
High School/Adult School	4	0	0	1	1	4	1	1	1	19
Freshmen (<30 units)	105	102	67	93	125	91	44	60	92	99
Sophomore (30-59 units)	21	18	23	26	20	24	34	25	20	31
Other Undergraduate (60 units or more)	14	6	8	13	8	16	6	9	14	9
AA/AS Degree	9	5	4	5	5	7	5	6	3	6
BA/BS or Higher Degree	15	9	16	11	12	32	10	12	18	8
% High School/Adult School	2%	0%	0%	1%	1%	2%	1%	1%	1%	11%
% Freshmen (<30 units)	63%	73%	57%	62%	73%	52%	44%	53%	62%	58%
% Sophomore (30-59 units)	13%	13%	19%	17%	12%	14%	34%	22%	14%	18%
% Other Undergraduate (60 units or more)	8%	4%	7%	9%	5%	9%	6%	8%	9%	5%
% AA/AS Degree	5%	4%	3%	3%	3%	4%	5%	5%	2%	3%
% BA/BS or Higher Degree	9%	6%	14%	7%	7%	18%	10%	11%	12%	5%



Student Performance: Grade Distribution

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Total Course Enrollments	316	262	218	278	367	308	193	180	250	330
Course Success Rates	76%	70%	78%	75%	77%	72%	95%	85%	78%	74%
A	46%	38%	47%	32%	34%	48%	77%	54%	22%	31%
B	22%	23%	25%	32%	29%	18%	14%	25%	37%	33%
C	8%	9%	6%	11%	8%	6%	5%	6%	19%	10%
P	1%	0%	0%	0%	6%	<1%	0%	0%	0%	0%
Course Non-Success Rate	9%	12%	17%	15%	10%	9%	2%	9%	11%	14%
D	1%	2%	3%	4%	3%	1%	0%	1%	2%	4%
F*	9%	11%	13%	11%	7%	9%	2%	8%	9%	11%
Withdrawals (See Note)	14%	18%	5%	10%	12%	19%	3%	6%	12%	12%



Definitions:

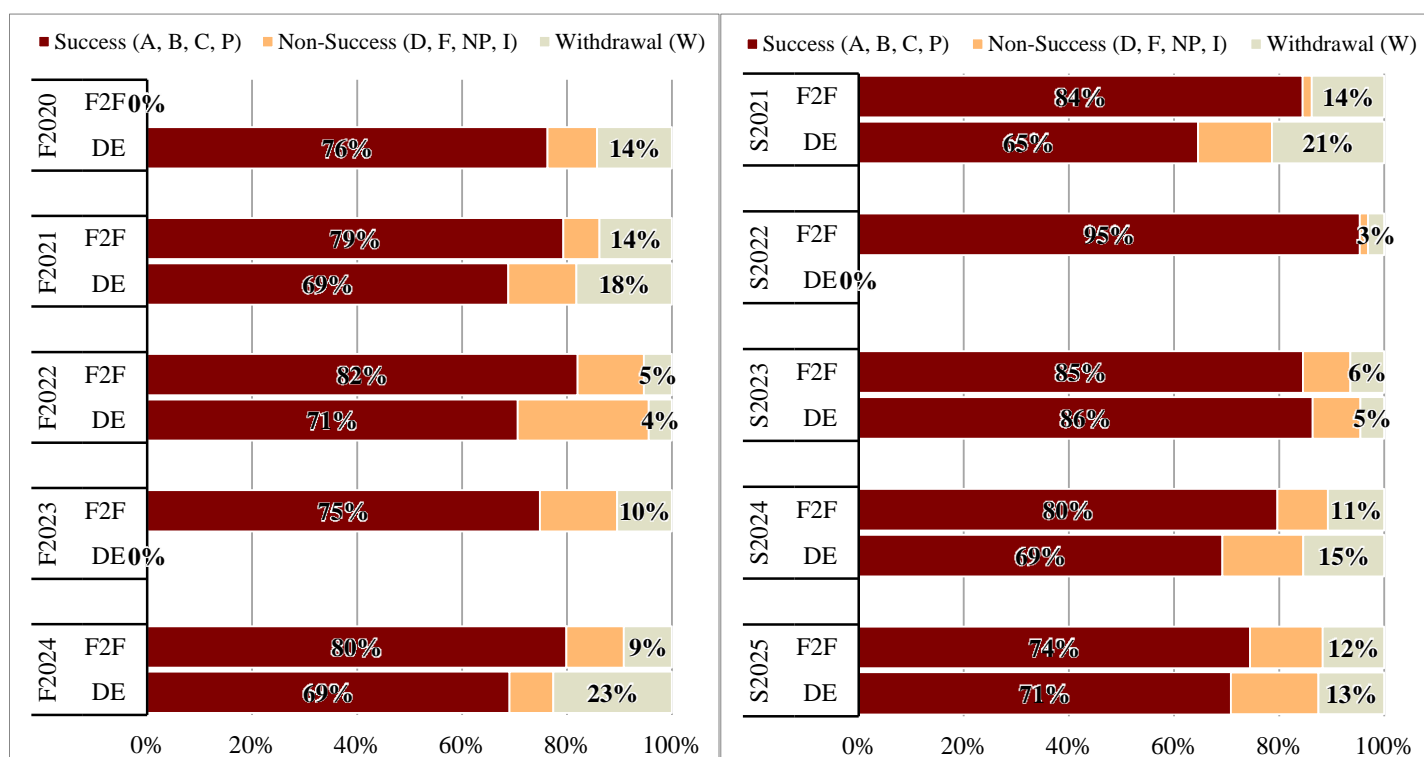
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D' or F* (includes: 'F', 'NP', '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.

Student Performance: Distance Education

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Total Course Enrollments	316	262	218	278	367	308	193	180	250	330
Face-to-Face (F2F) Sections	0	31	150	278	283	116	193	158	211	282
Success Rates	—	79%	82%	75%	80%	84%	95%	85%	80%	74%
Non-Success Rates	—	7%	13%	15%	11%	2%	2%	9%	10%	14%
Withdrawals	—	14%	5%	10%	9%	14%	3%	6%	11%	12%
Distance Education (DE) Sections	316	231	68	0	84	192	0	22	39	48
Success Rates	76%	69%	71%	—	69%	65%	—	86%	69%	71%
Non-Success Rates	9%	13%	25%	—	8%	14%	—	9%	15%	17%
Withdrawals	14%	18%	4%	—	23%	21%	—	5%	15%	13%



Definitions:

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

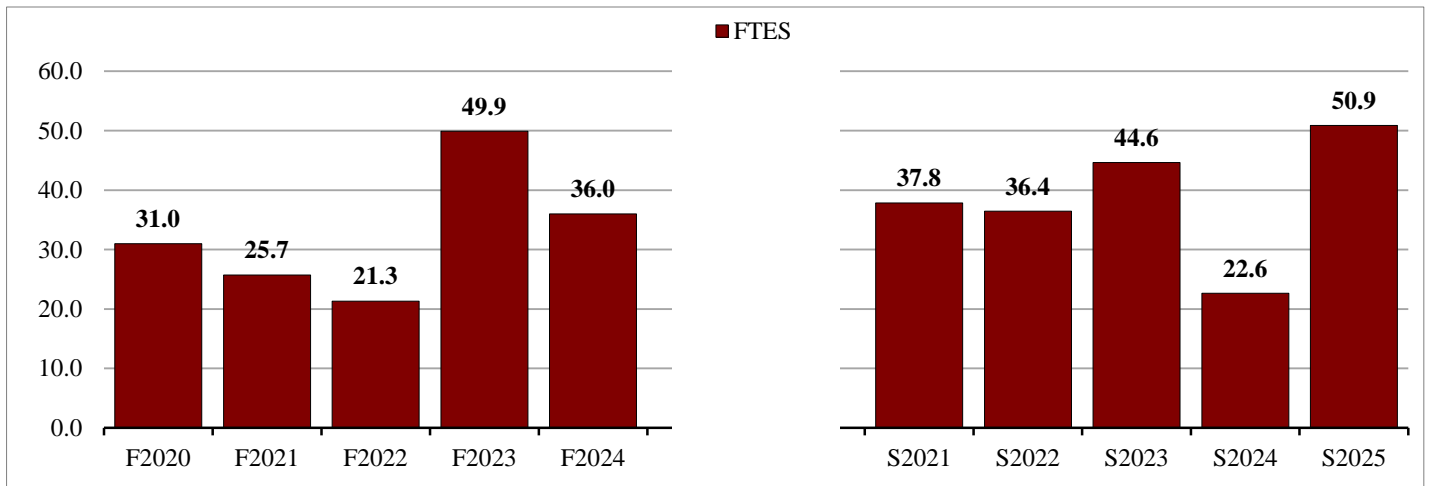
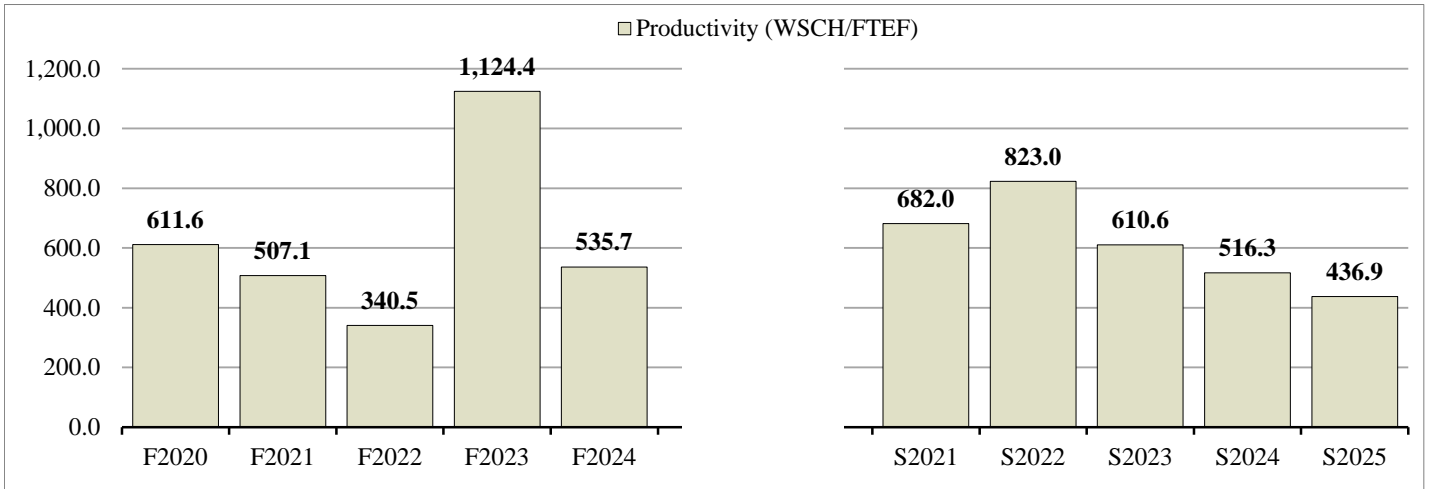
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

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

Enrollment Management: Part 1

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
WSCH	948	786	664	1,518	1,094	1,171	1,111	1,353	697	1,576
FTES	31.0	25.7	21.3	49.9	36.0	37.8	36.4	44.6	22.6	50.9
FTEF	1.6	1.6	2.0	1.4	2.0	1.7	1.4	2.2	1.4	3.6
Productivity (WSCH/FTEF)	611.6	507.1	340.5	1,124.4	535.7	682.0	823.0	610.6	516.3	436.9



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.

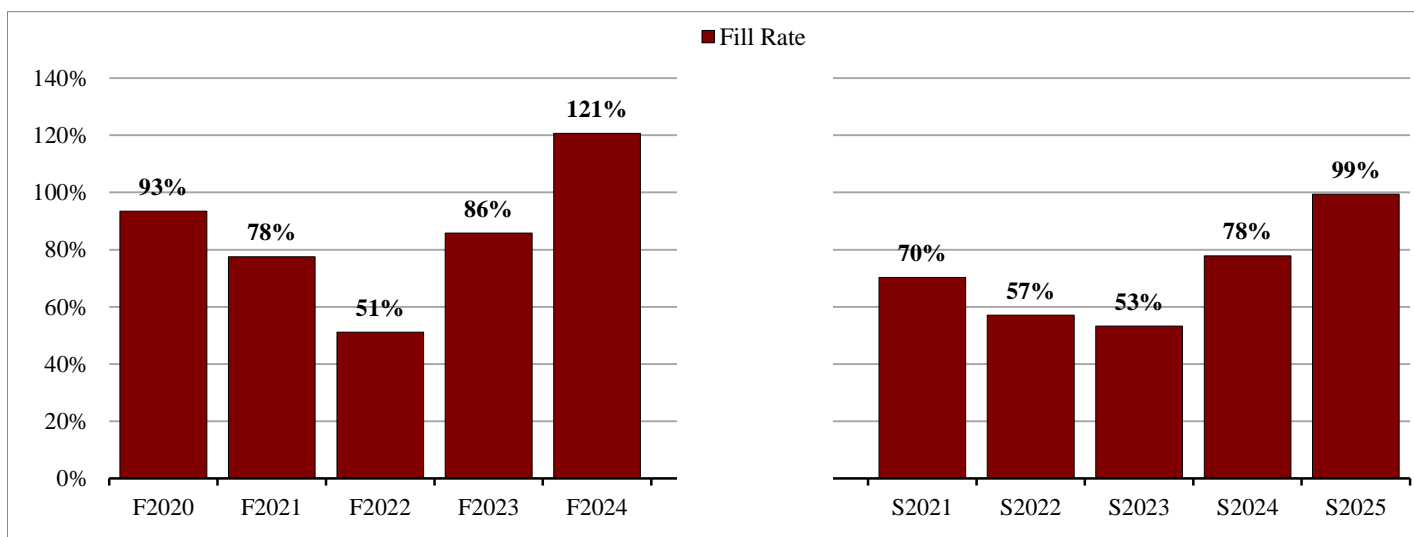
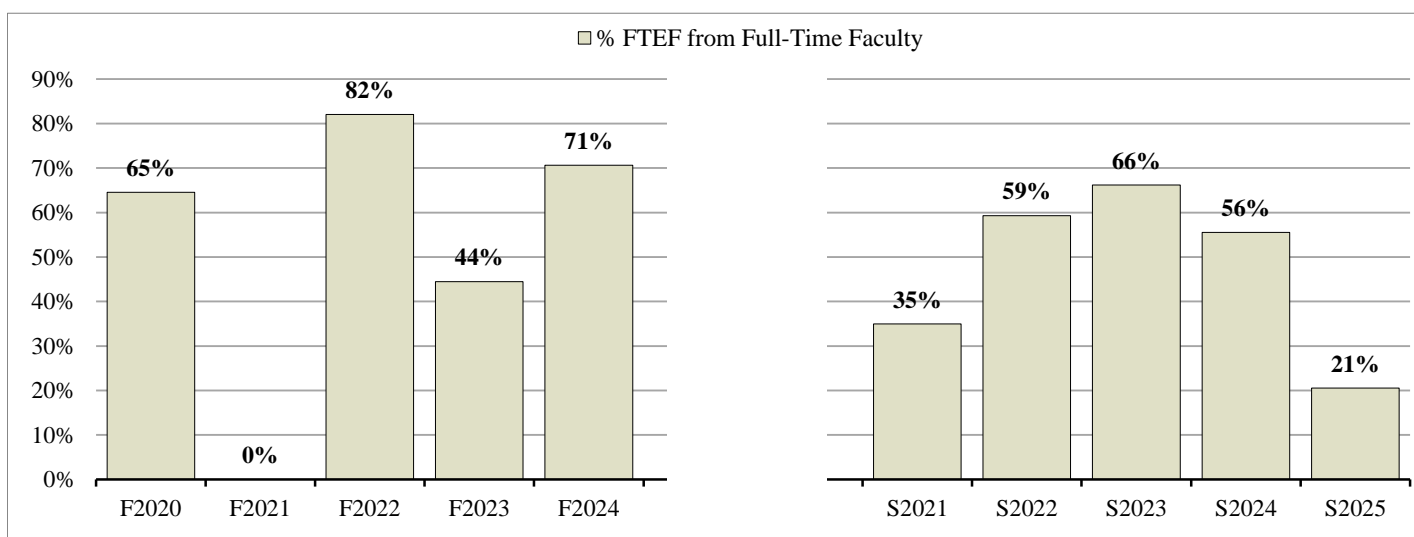
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
FTEF from Full-Time Faculty	1.0	0.0	1.6	0.6	1.4	0.6	0.8	1.5	0.8	0.7
% FTEF from Full-Time Faculty	65%	0%	82%	44%	71%	35%	59%	66%	56%	21%
Enrollments	316	262	218	278	367	308	193	180	250	330
Capacity (seats available)	338	338	426	324	304	438	338	338	321	332
Fill Rate	93%	78%	51%	86%	121%	70%	57%	53%	78%	99%



Definitions:

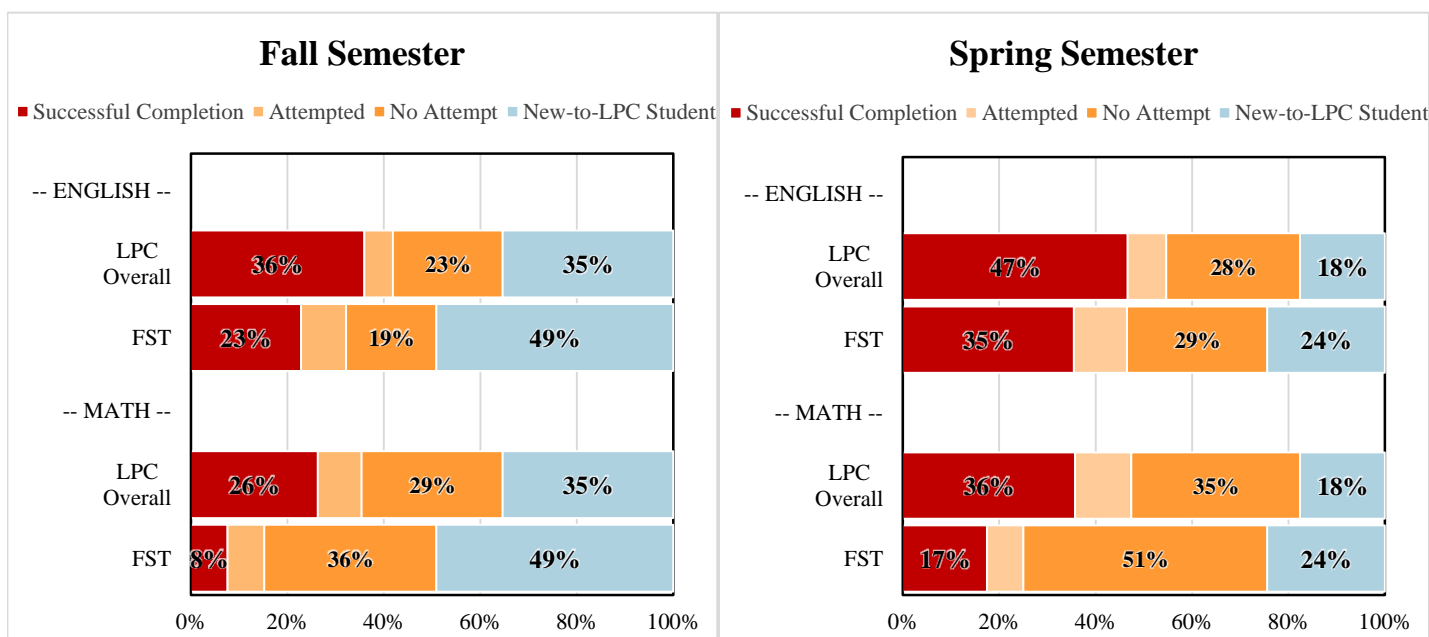
Fill Rate is number of enrollments over the total capacity (seats available).

% 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 2024				Spring 2025			
	FST		LPC Overall		FST		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
Transfer-level English								
Successful Completion*	39	23%	2,993	36%	61	35%	3,734	47%
Attempted (not successful)	16	9%	492	6%	19	11%	641	8%
No Attempt	32	19%	1,892	23%	50	29%	2,223	28%
New-to-LPC Student	84	49%	2,946	35%	42	24%	1,409	18%
Transfer-level Math								
Successful Completion*	13	8%	2,189	26%	30	17%	2,859	36%
Attempted (not successful)	13	8%	757	9%	13	8%	935	12%
No Attempt	61	36%	2,431	29%	87	51%	2,804	35%
New-to-LPC Student	84	49%	2,946	35%	42	24%	1,409	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-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.