



Las Positas College

Discipline Program Review Data Packet

Fall 2019 to Spring 2024

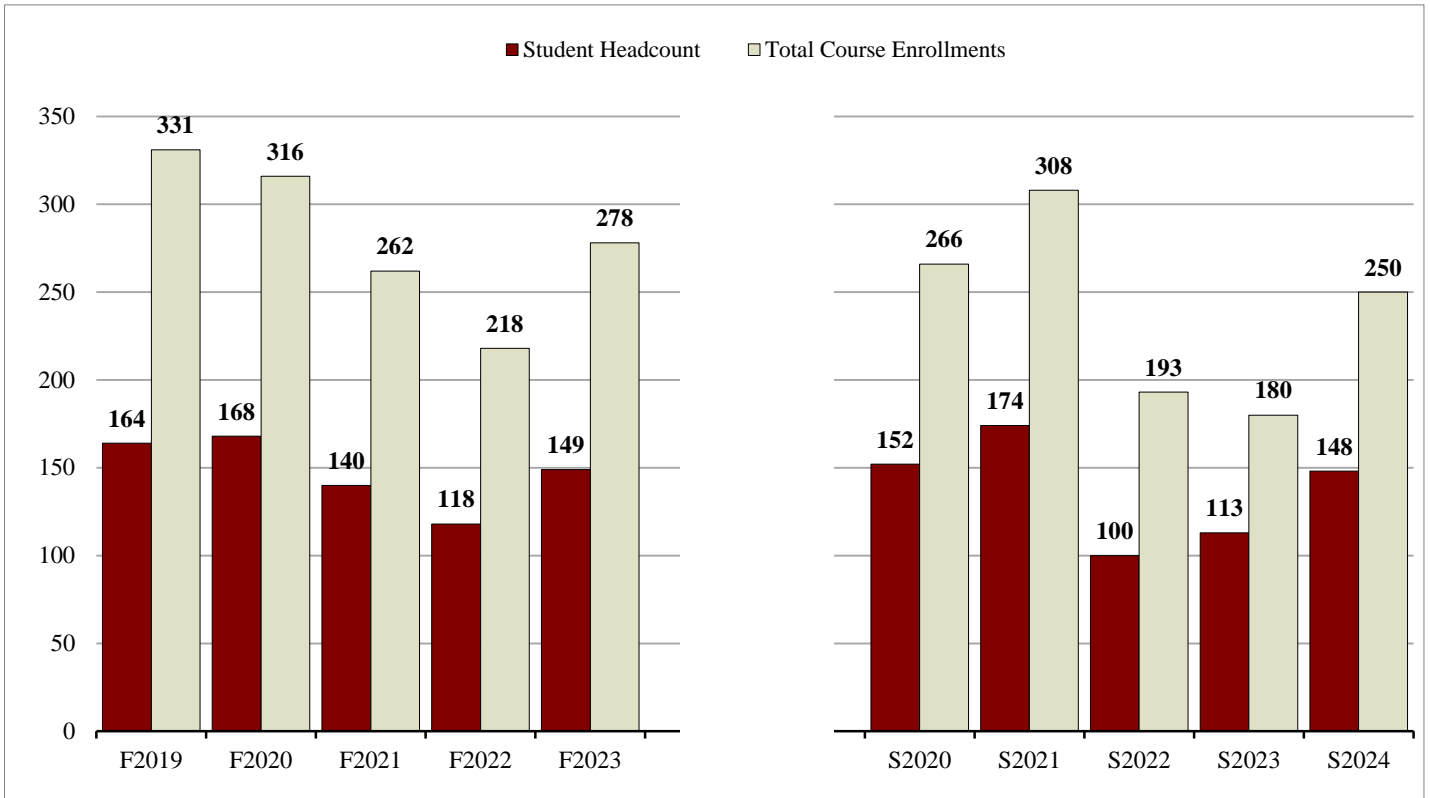
Discipline:

Fire Service Technology (FST)

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Headcount & Enrollment

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Student Headcount	164	168	140	118	149	152	174	100	113	148
Total Course Enrollments	331	316	262	218	278	266	308	193	180	250



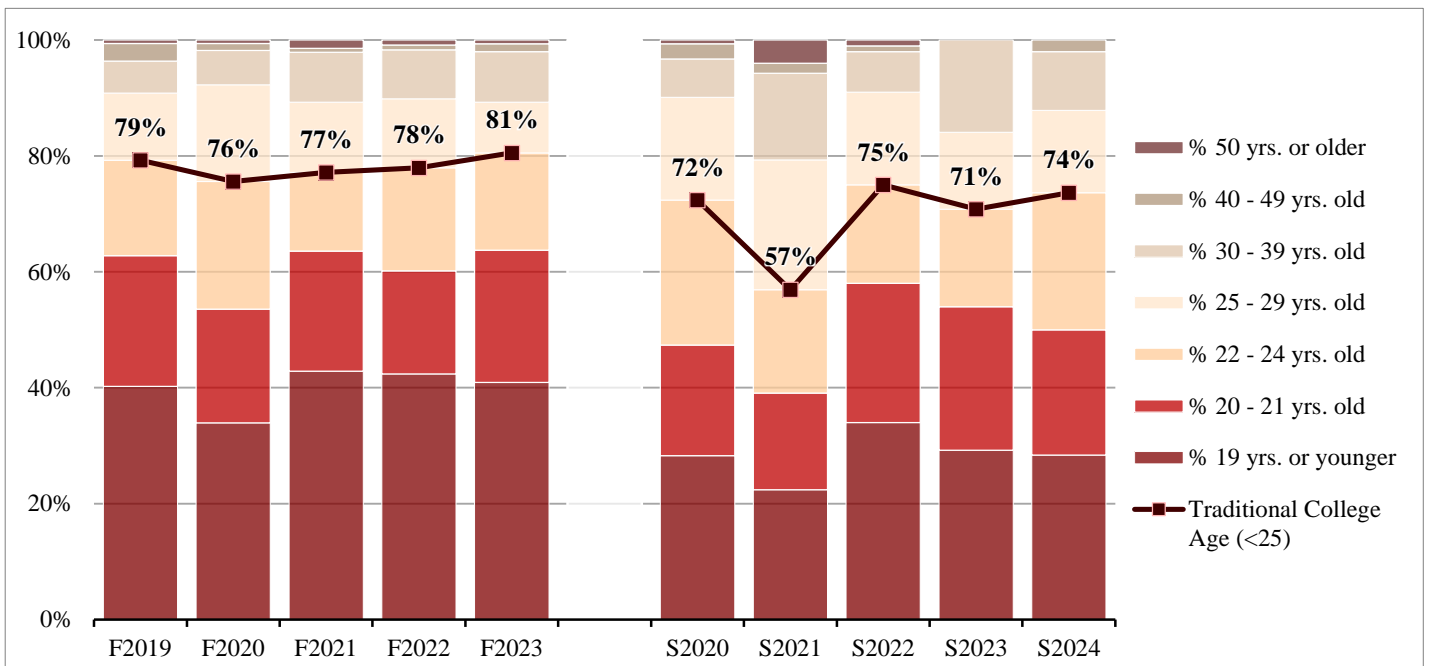
Definitions:

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.

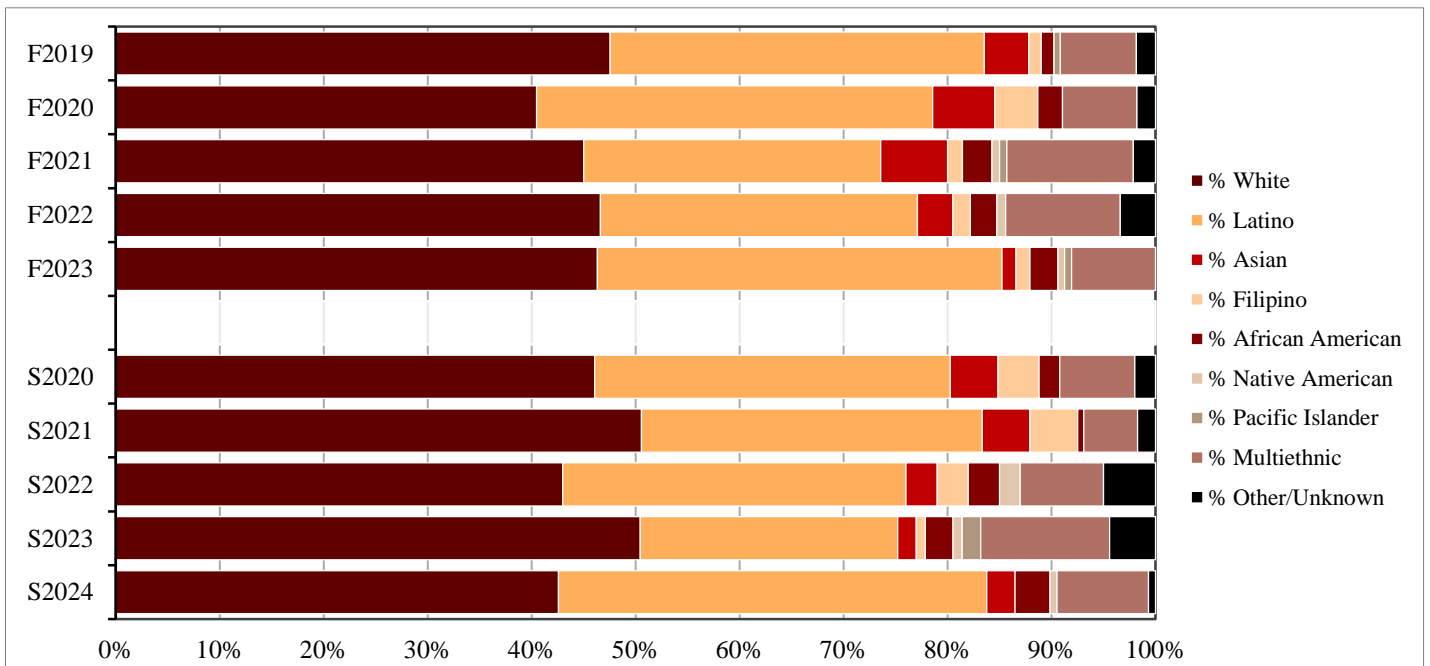
Student Demographics: Gender & Age

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Female	16	14	9	14	17	20	23	9	10	12
Male	141	151	129	100	124	130	151	87	100	129
19 yrs. or younger	66	57	60	50	61	43	39	34	33	42
20-21 yrs. old	37	33	29	21	34	29	29	24	28	32
22-24 yrs. old	27	37	19	21	25	38	31	17	19	35
25-29 yrs. old	19	28	17	14	13	27	39	16	15	21
30-39 yrs. old	9	10	12	10	13	10	26	7	18	15
40-49 yrs. old	5	2	1	1	2	4	3	1	0	3
50 yrs. or older	1	1	2	1	1	1	7	1	0	0
% Female	10%	8%	7%	12%	12%	13%	13%	9%	9%	9%
% Male	90%	92%	93%	88%	88%	87%	87%	91%	91%	91%
% 19 yrs. or younger	40%	34%	43%	42%	41%	28%	22%	34%	29%	28%
% 20 - 21 yrs. old	23%	20%	21%	18%	23%	19%	17%	24%	25%	22%
% 22 - 24 yrs. old	16%	22%	14%	18%	17%	25%	18%	17%	17%	24%
% 25 - 29 yrs. old	12%	17%	12%	12%	9%	18%	22%	16%	13%	14%
% 30 - 39 yrs. old	5%	6%	9%	8%	9%	7%	15%	7%	16%	10%
% 40 - 49 yrs. old	3%	1%	1%	1%	1%	3%	2%	1%	0%	2%
% 50 yrs. or older	1%	1%	1%	1%	1%	1%	4%	1%	0%	0%



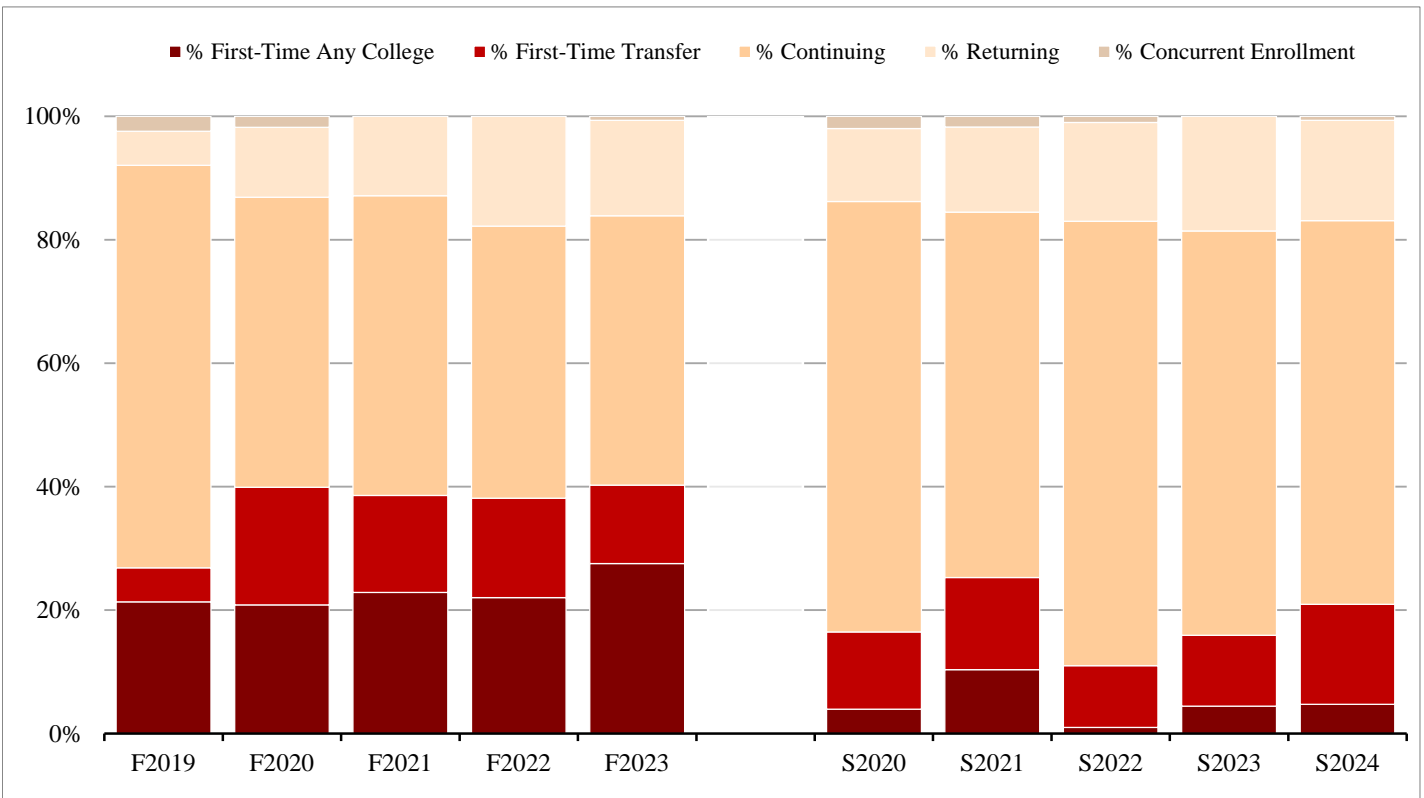
Student Demographic: Race-Ethnicity

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
African American	2	4	4	3	4	3	1	3	3	5
Asian	7	10	9	4	2	7	8	3	2	4
Filipino	2	7	2	2	2	6	8	3	1	0
Latino	59	64	40	36	58	52	57	33	28	61
Native American	0	0	1	1	1	0	0	2	1	1
Pacific Islander	1	0	1	0	1	0	0	0	2	0
White	78	68	63	55	69	70	88	43	57	63
Multiethnic	12	12	17	13	12	11	9	8	14	13
Other/Unknown	3	3	3	4	0	3	3	5	5	1
% African American	1%	2%	3%	3%	3%	2%	1%	3%	3%	3%
% Asian	4%	6%	6%	3%	1%	5%	5%	3%	2%	3%
% Filipino	1%	4%	1%	2%	1%	4%	5%	3%	1%	0%
% Latino	36%	38%	29%	31%	39%	34%	33%	33%	25%	41%
% Native American	0%	0%	1%	1%	1%	0%	0%	2%	1%	1%
% Pacific Islander	1%	0%	1%	0%	1%	0%	0%	0%	2%	0%
% White	48%	40%	45%	47%	46%	46%	51%	43%	50%	43%
% Multiethnic	7%	7%	12%	11%	8%	7%	5%	8%	12%	9%
% Other/Unknown	2%	2%	2%	3%	0%	2%	2%	5%	4%	1%



Student Enrollment Status

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
First-Time Any College	35	35	32	26	41	6	18	1	5	7
First-Time Transfer	9	32	22	19	19	19	26	10	13	24
Continuing	107	79	68	52	65	106	103	72	74	92
Returning	9	19	18	21	23	18	24	16	21	24
Concurrent Enrollment	4	3	0	0	1	3	3	1	0	1
% First-Time Any College	21%	21%	23%	22%	28%	4%	10%	1%	4%	5%
% First-Time Transfer	5%	19%	16%	16%	13%	13%	15%	10%	12%	16%
% Continuing	65%	47%	49%	44%	44%	70%	59%	72%	65%	62%
% Returning	5%	11%	13%	18%	15%	12%	14%	16%	19%	16%
% Concurrent Enrollment	2%	2%	0%	0%	1%	2%	2%	1%	0%	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.

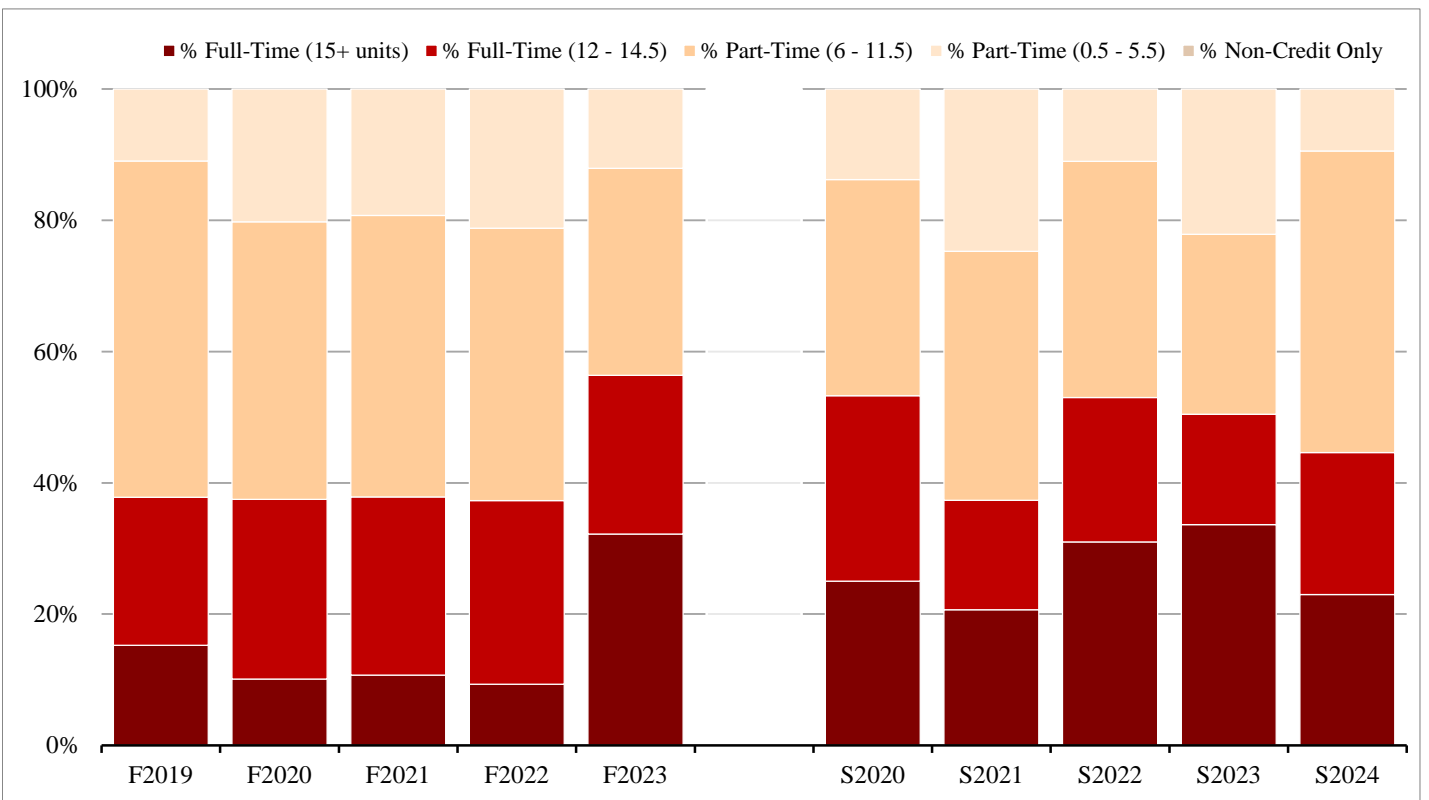
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

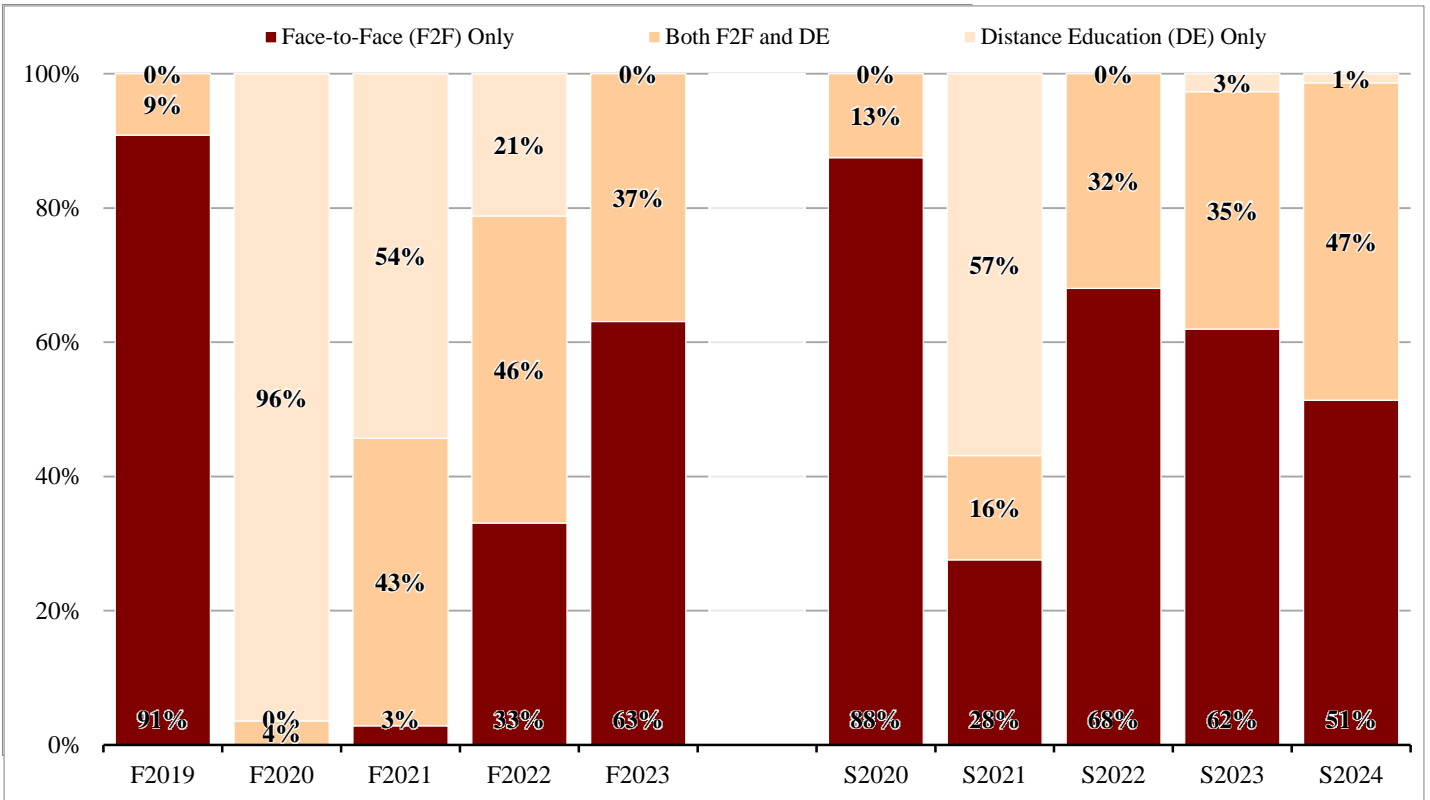
Student Unit Load

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Full-Time (15+ units)	25	17	15	11	48	38	36	31	38	34
Full-Time (12 - 14.5 units)	37	46	38	33	36	43	29	22	19	32
Part-Time (6 - 11.5 units)	84	71	60	49	47	50	66	36	31	68
Part-Time (0.5 - 5.5 units)	18	34	27	25	18	21	43	11	25	14
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	15%	10%	11%	9%	32%	25%	21%	31%	34%	23%
% Full-Time (12 - 14.5)	23%	27%	27%	28%	24%	28%	17%	22%	17%	22%
% Part-Time (6 - 11.5)	51%	42%	43%	42%	32%	33%	38%	36%	27%	46%
% Part-Time (0.5 - 5.5)	11%	20%	19%	21%	12%	14%	25%	11%	22%	9%
% Non-Credit Only	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



Students Using Distance Education

Fire Service Technology (FST)										
(Categories reflect college-wide coursework)	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Face-to-Face (F2F) Only	149	0	4	39	94	133	48	68	70	76
Both F2F and DE	15	6	60	54	55	19	27	32	40	70
Distance Education (DE) Only	0	162	76	25	0	0	99	0	3	2
% Face-to-Face (F2F) Only	91%	0%	3%	33%	63%	88%	28%	68%	62%	51%
% Both F2F and DE	9%	4%	43%	46%	37%	13%	16%	32%	35%	47%
% Distance Education (DE) Only	0%	96%	54%	21%	0%	0%	57%	0%	3%	1%



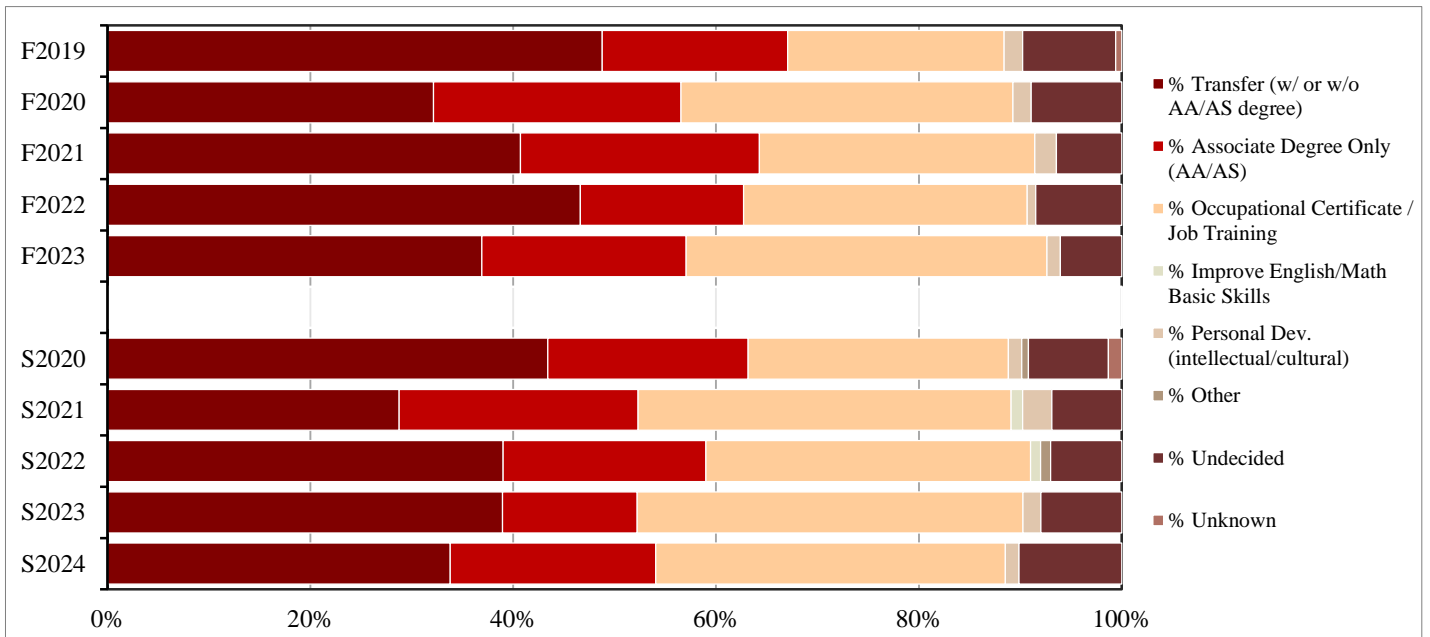
Definitions:

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				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Transfer (w/ or w/o AA/AS degree)	80	54	57	55	55	66	50	39	44	50
Associate Degree Only (AA/AS)	30	41	33	19	30	30	41	20	15	30
Occupational Certificate / Job Training	35	55	38	33	53	39	64	32	43	51
Improve English/Math Basic Skills	0	0	0	0	0	0	2	1	0	0
Personal Development (intellectual/cultural)	3	3	3	1	2	2	5	0	2	2
Other	0	0	0	0	0	1	0	1	0	0
Undecided	15	15	9	10	9	12	12	7	9	15
Unknown	1	0	0	0	0	2	0	0	0	0
% Transfer (w/ or w/o AA/AS degree)	49%	32%	41%	47%	37%	43%	29%	39%	39%	34%
% Associate Degree Only (AA/AS)	18%	24%	24%	16%	20%	20%	24%	20%	13%	20%
% Occupational Certificate / Job Training	21%	33%	27%	28%	36%	26%	37%	32%	38%	34%
% Improve English/Math Basic Skills	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%
% Personal Dev. (intellectual/cultural)	2%	2%	2%	1%	1%	1%	3%	0%	2%	1%
% Other	0%	0%	0%	0%	0%	1%	0%	1%	0%	0%
% Undecided	9%	9%	6%	8%	6%	8%	7%	7%	8%	10%
% Unknown	1%	0%	0%	0%	0%	1%	0%	0%	0%	0%

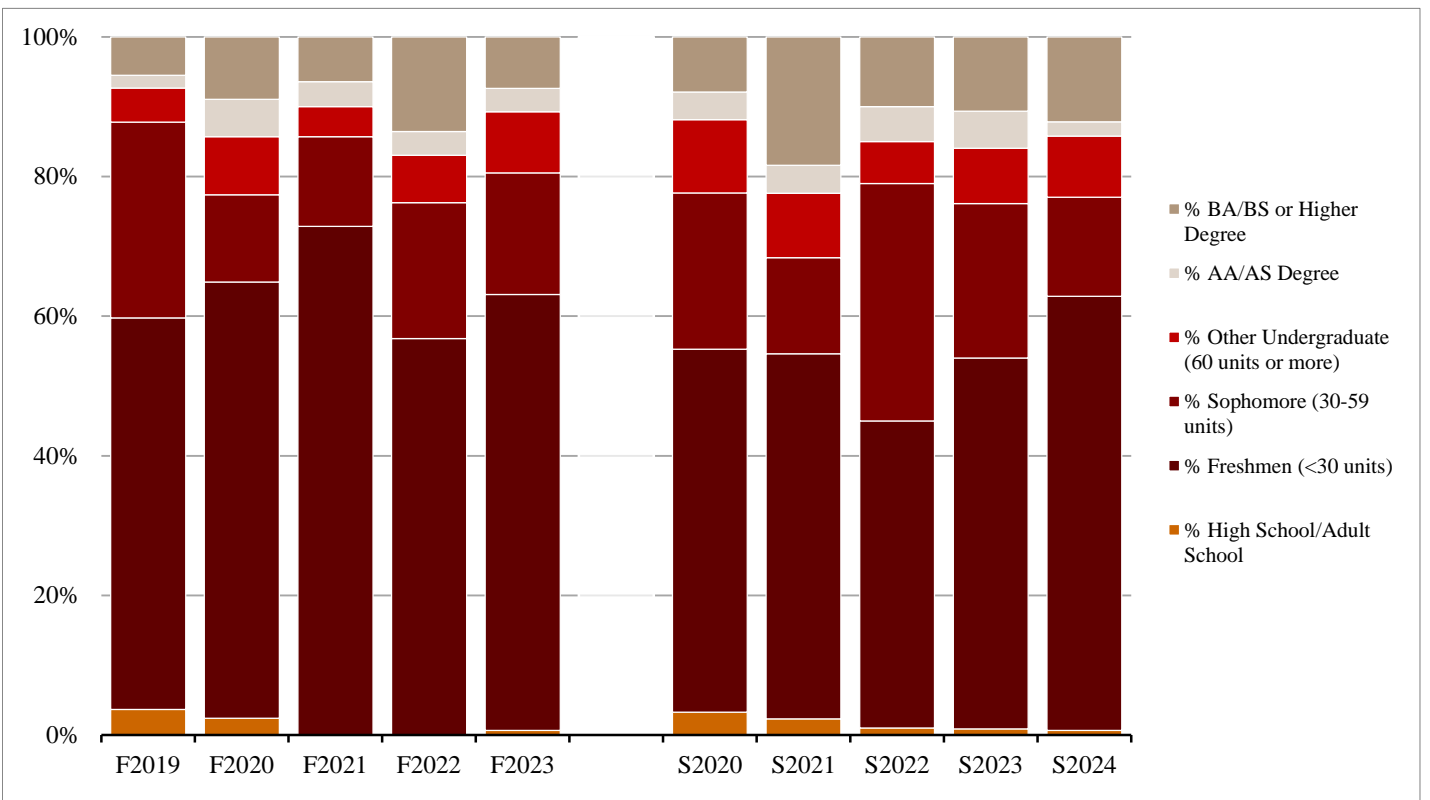


Definitions:

- 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.

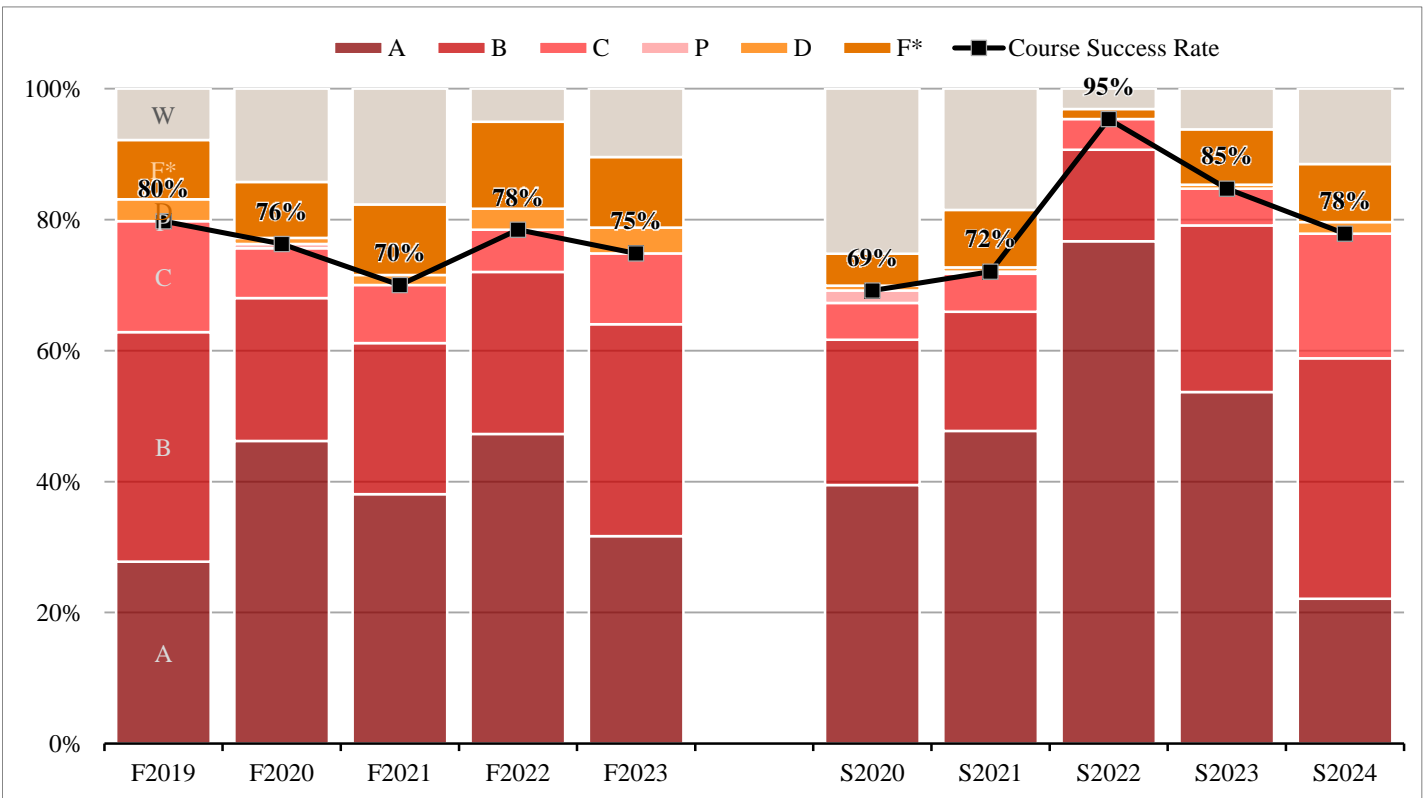
Highest Educational Level of Students

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
High School/Adult School	6	4	0	0	1	5	4	1	1	1
Freshmen (<30 units)	92	105	102	67	93	79	91	44	60	92
Sophomore (30-59 units)	46	21	18	23	26	34	24	34	25	21
Other Undergraduate (60 units or more)	8	14	6	8	13	16	16	6	9	13
AA/AS Degree	3	9	5	4	5	6	7	5	6	3
BA/BS or Higher Degree	9	15	9	16	11	12	32	10	12	18
% High School/Adult School	4%	2%	0%	0%	1%	3%	2%	1%	1%	1%
% Freshmen (<30 units)	56%	63%	73%	57%	62%	52%	52%	44%	53%	62%
% Sophomore (30-59 units)	28%	13%	13%	19%	17%	22%	14%	34%	22%	14%
% Other Undergraduate (60 units or more)	5%	8%	4%	7%	9%	11%	9%	6%	8%	9%
% AA/AS Degree	2%	5%	4%	3%	3%	4%	4%	5%	5%	2%
% BA/BS or Higher Degree	5%	9%	6%	14%	7%	8%	18%	10%	11%	12%



Student Performance: Grade Distribution

Fire Service Technology (FST)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Total Course Enrollments	331	316	262	218	278	266	308	193	180	250
Course Success Rates	80%	76%	70%	78%	75%	69%	72%	95%	85%	78%
A	28%	46%	38%	47%	32%	39%	48%	77%	54%	22%
B	35%	22%	23%	25%	32%	22%	18%	14%	25%	37%
C	17%	8%	9%	6%	11%	6%	6%	5%	6%	19%
P	0%	1%	0%	0%	0%	2%	<1%	0%	0%	0%
Course Non-Success Rate	12%	9%	12%	17%	15%	6%	9%	2%	9%	11%
D	3%	1%	2%	3%	4%	1%	1%	0%	1%	2%
F*	9%	9%	11%	13%	11%	5%	9%	2%	8%	9%
Withdrawals (See Note)	8%	14%	18%	5%	10%	25%	19%	3%	6%	12%



Definitions:

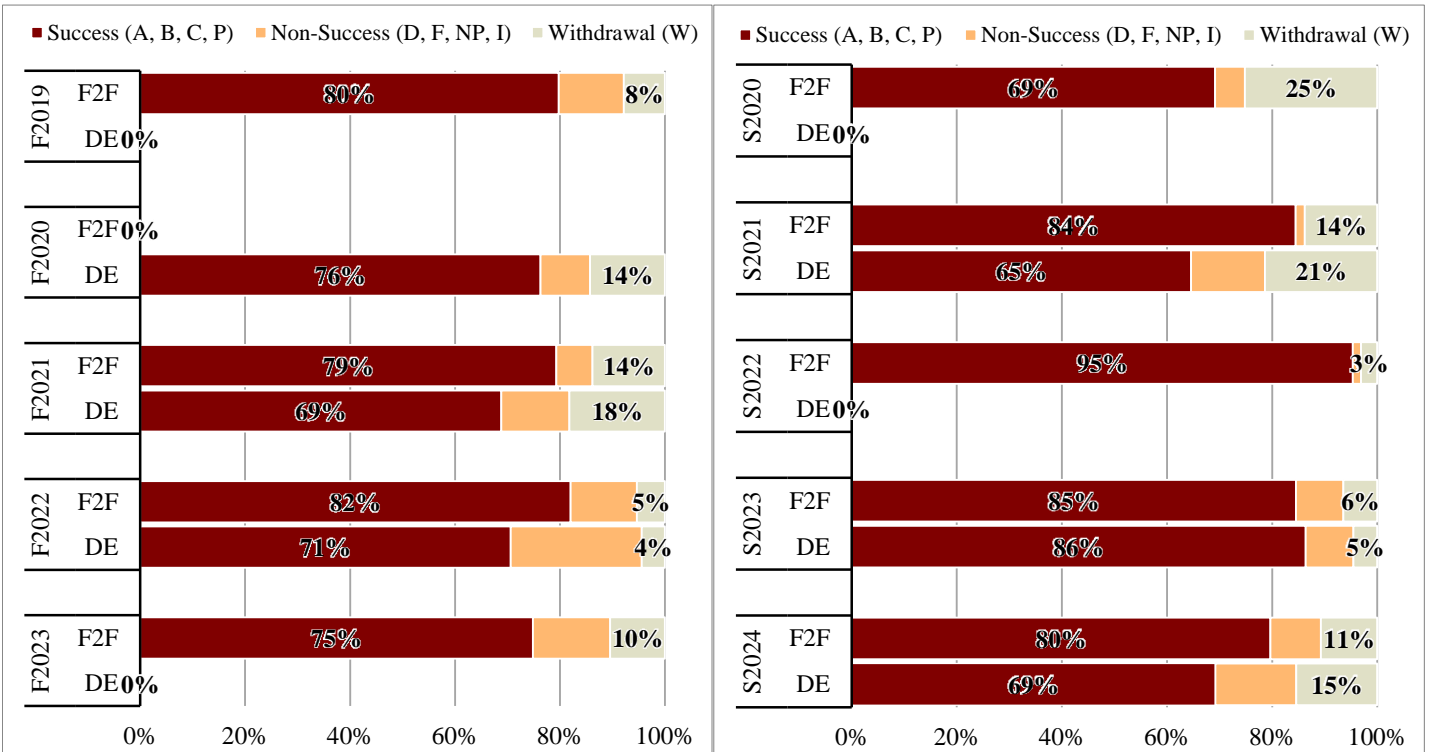
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D' or F* (includes: 'F', 'NP', '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)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Total Course Enrollments	331	316	262	218	278	266	308	193	180	250
Face-to-Face (F2F) Sections	331	0	31	150	278	266	116	193	158	211
Success Rates	80%	—	79%	82%	75%	69%	84%	95%	85%	80%
Non-Success Rates	12%	—	7%	13%	15%	6%	2%	2%	9%	10%
Withdrawals	8%	—	14%	5%	10%	25%	14%	3%	6%	11%
Distance Education (DE) Sections	0	316	231	68	0	0	192	0	22	39
Success Rates	—	76%	69%	71%	—	—	65%	—	86%	69%
Non-Success Rates	—	9%	13%	25%	—	—	14%	—	9%	15%
Withdrawals	—	14%	18%	4%	—	—	21%	—	5%	15%



Definitions:

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

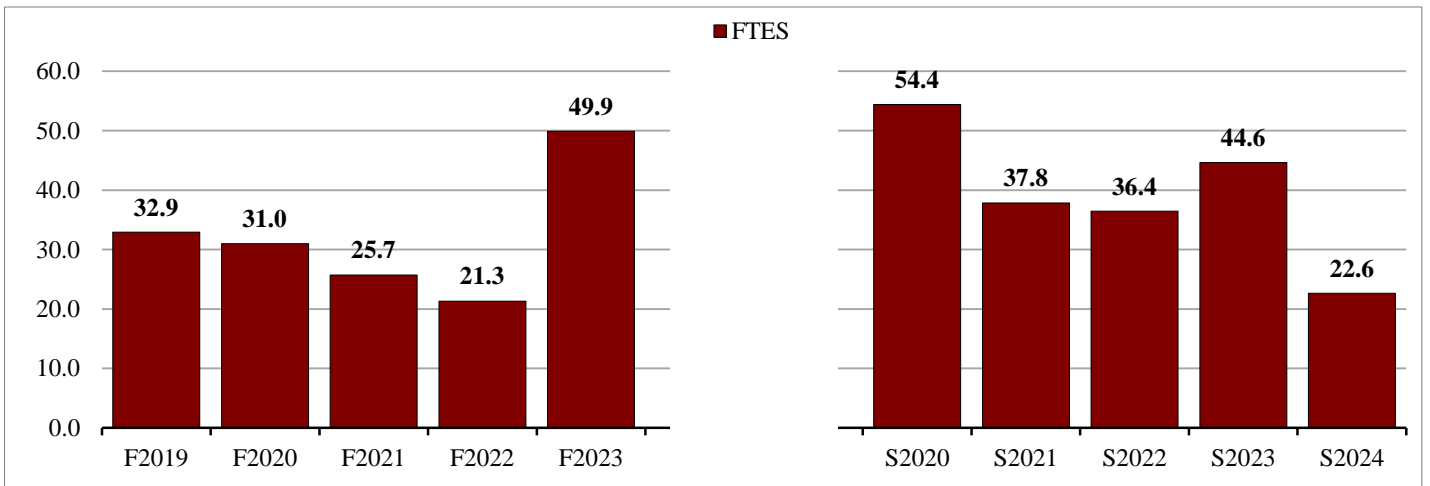
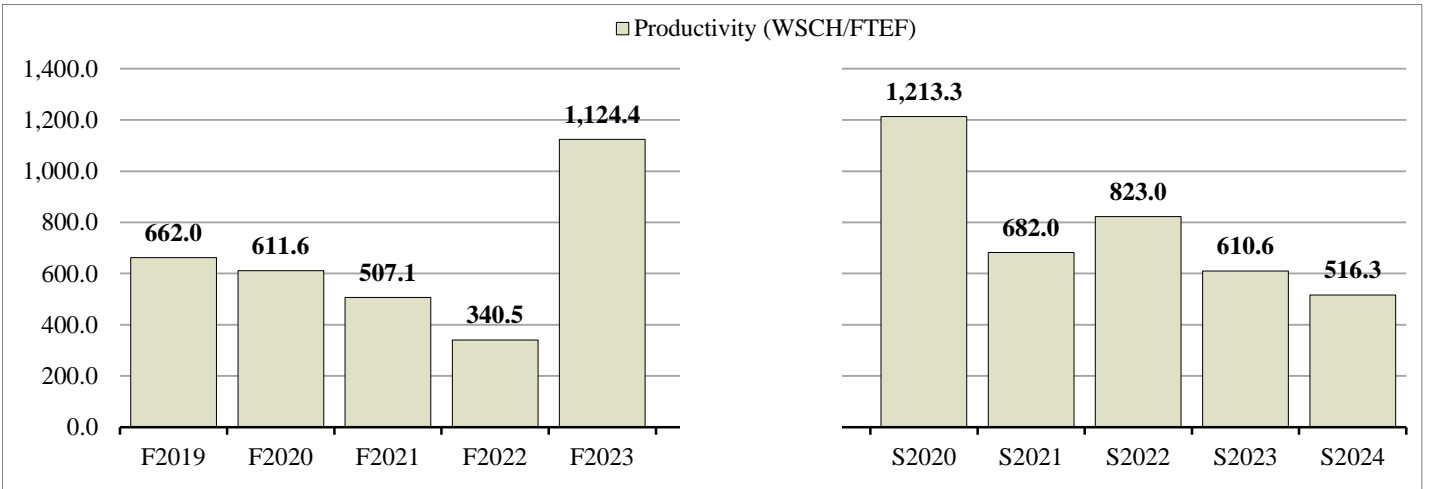
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

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				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
WSCH	993	948	786	664	1,518	1,638	1,171	1,111	1,353	697
FTES	32.9	31.0	25.7	21.3	49.9	54.4	37.8	36.4	44.6	22.6
FTEF	1.5	1.6	1.6	2.0	1.4	1.4	1.7	1.4	2.2	1.4
Productivity (WSCH/FTEF)	662.0	611.6	507.1	340.5	1,124.4	1,213.3	682.0	823.0	610.6	516.3



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.

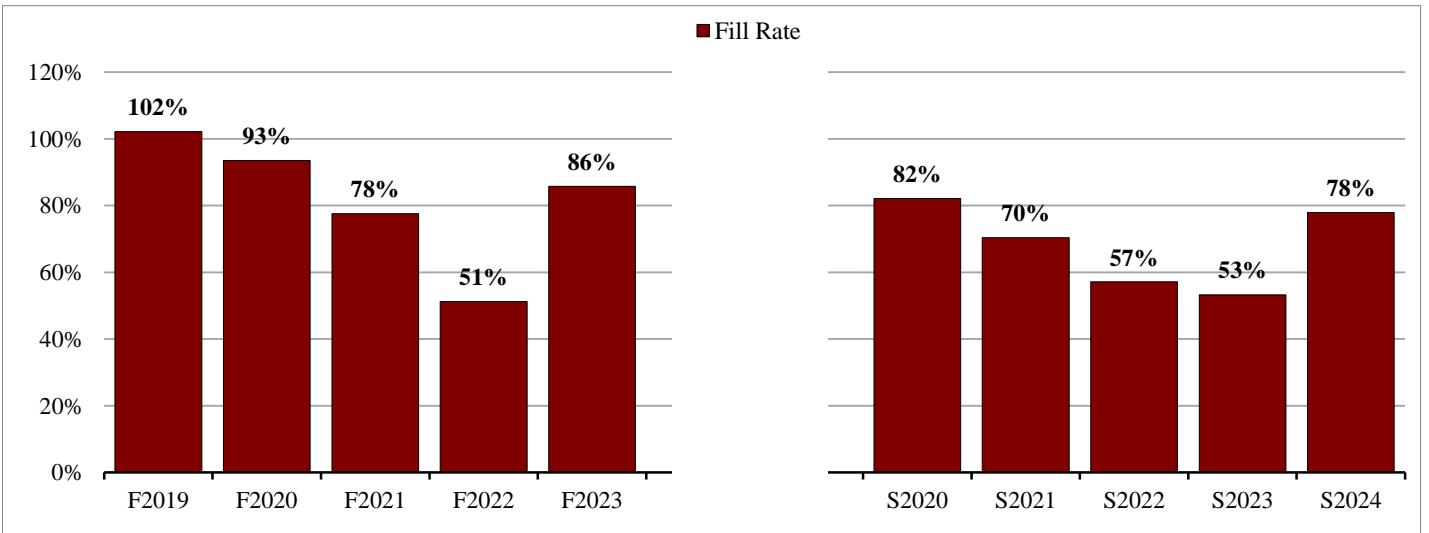
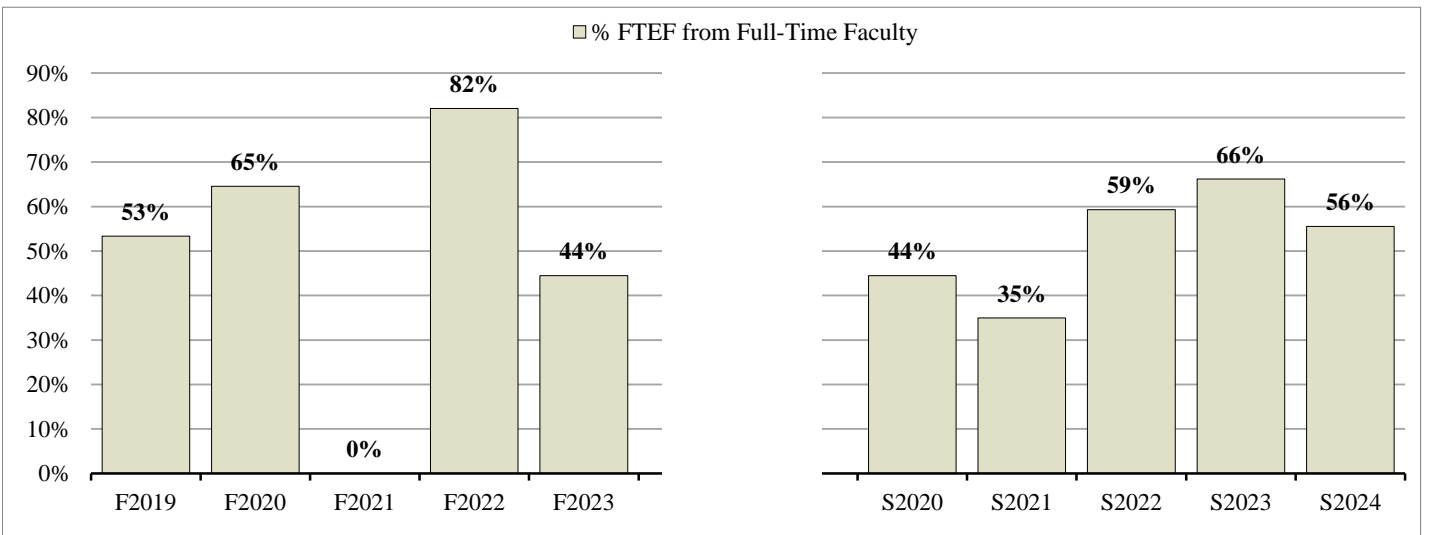
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
FTEF from Full-Time Faculty	0.8	1.0	0.0	1.6	0.6	0.6	0.6	0.8	1.5	0.8
% FTEF from Full-Time Faculty	53%	65%	0%	82%	44%	44%	35%	59%	66%	56%
Enrollments	331	316	262	218	278	266	308	193	180	250
Capacity (seats available)	324	338	338	426	324	324	438	338	338	321
Fill Rate	102%	93%	78%	51%	86%	82%	70%	57%	53%	78%



Definitions:

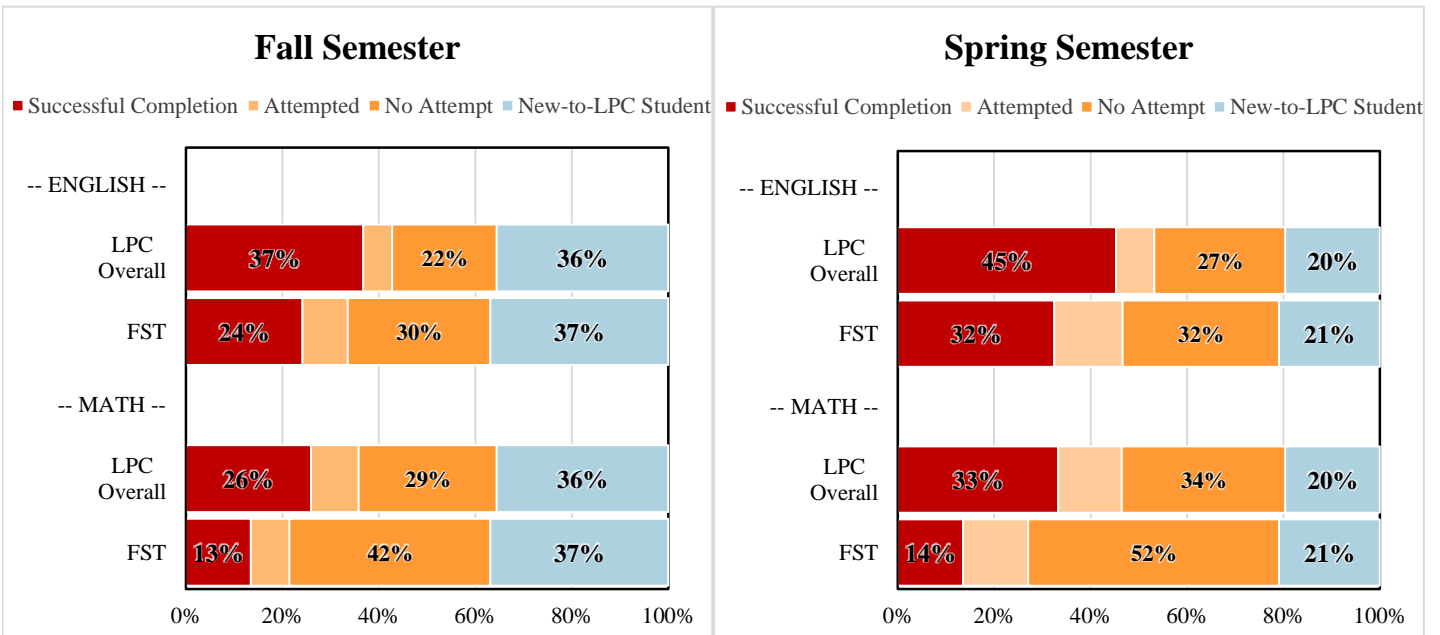
Fill Rate is number of enrollments over the total capacity (seats available).

% 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

<i>(English and math status prior to the start of the term)</i>	Fall 2023				Spring 2024			
	FST		LPC Overall		FST		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
Transfer-level English								
Successful Completion*	36	24%	2,796	37%	48	32%	3,393	45%
Attempted (<i>not successful</i>)	14	9%	454	6%	21	14%	600	8%
No Attempt	44	30%	1,652	22%	48	32%	2,036	27%
New-to-LPC Student	55	37%	2,703	36%	31	21%	1,472	20%
Transfer-level Math								
Successful Completion*	20	13%	1,971	26%	20	14%	2,498	33%
Attempted (<i>not successful</i>)	12	8%	752	10%	20	14%	986	13%
No Attempt	62	42%	2,179	29%	77	52%	2,545	34%
New-to-LPC Student	55	37%	2,703	36%	31	21%	1,472	20%



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 an 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.