



Las Positas College
Discipline Program Review Data Packet
Fall 2017 to Fall 2021

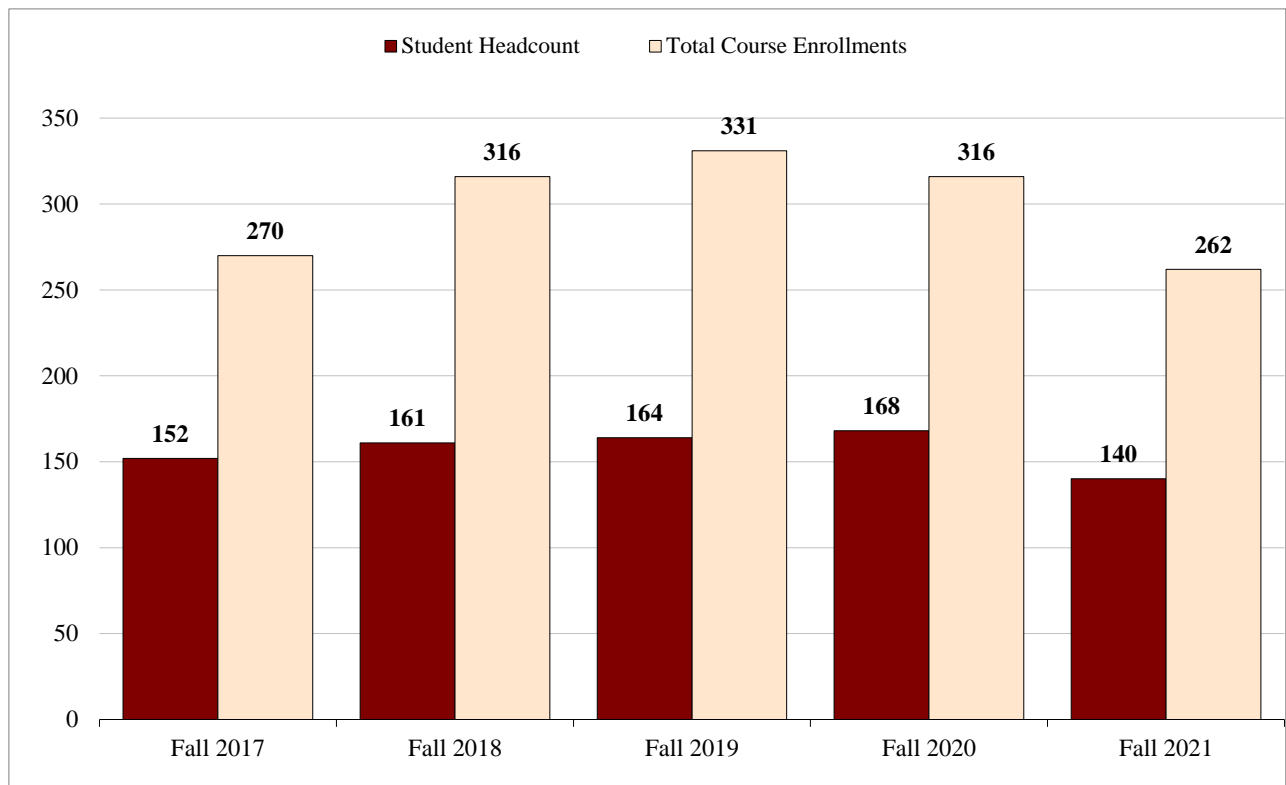
Discipline:

Fire Service Technology (FST)

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Headcount & Enrollment

Fire Service Technology (FST)					
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Student Headcount	152	161	164	168	140
Total Course Enrollments	270	316	331	316	262



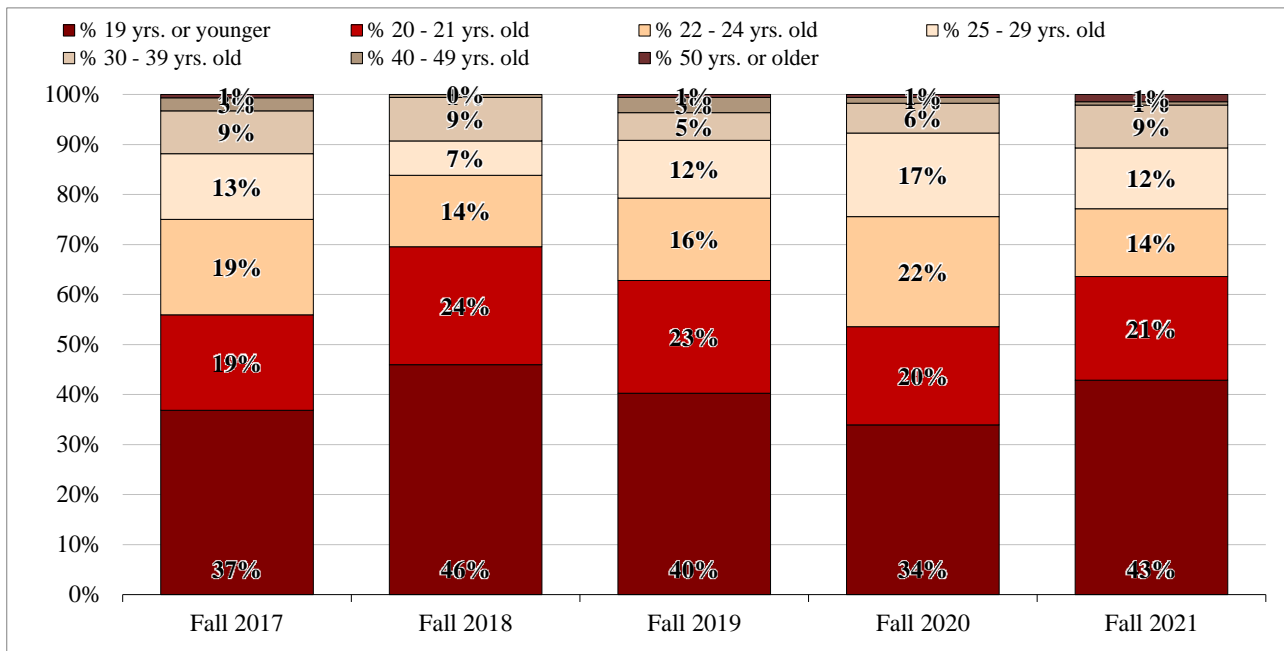
Definitions:

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.

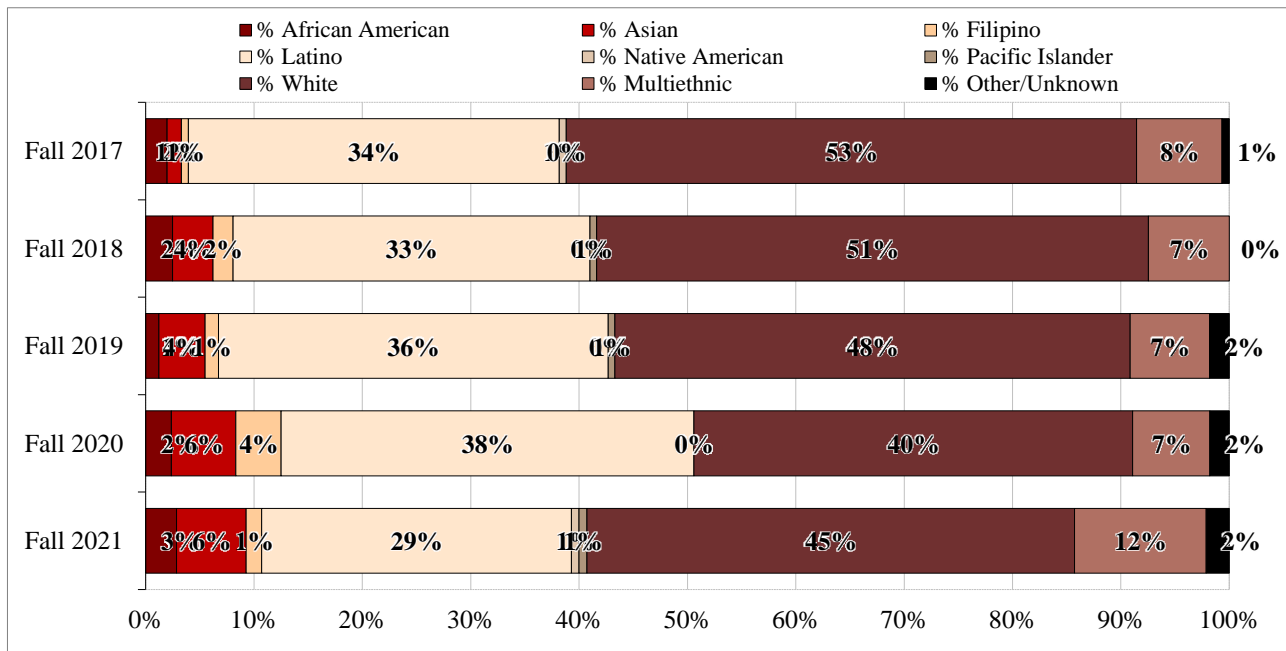
Student Demographics: Gender & Age

Fire Service Technology (FST)					
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Female	20	17	16	14	9
Male	129	142	141	151	129
19 yrs. or younger	56	74	66	57	60
20-21 yrs. old	29	38	37	33	29
22-24 yrs. old	29	23	27	37	19
25-29 yrs. old	20	11	19	28	17
30-39 yrs. old	13	14	9	10	12
40-49 yrs. old	4	1	5	2	1
50 yrs. or older	1	0	1	1	2
% Female	13%	11%	10%	8%	7%
% Male	87%	89%	90%	92%	93%
% 19 yrs. or younger	37%	46%	40%	34%	43%
% 20 - 21 yrs. old	19%	24%	23%	20%	21%
% 22 - 24 yrs. old	19%	14%	16%	22%	14%
% 25 - 29 yrs. old	13%	7%	12%	17%	12%
% 30 - 39 yrs. old	9%	9%	5%	6%	9%
% 40 - 49 yrs. old	3%	1%	3%	1%	1%
% 50 yrs. or older	1%	0%	1%	1%	1%



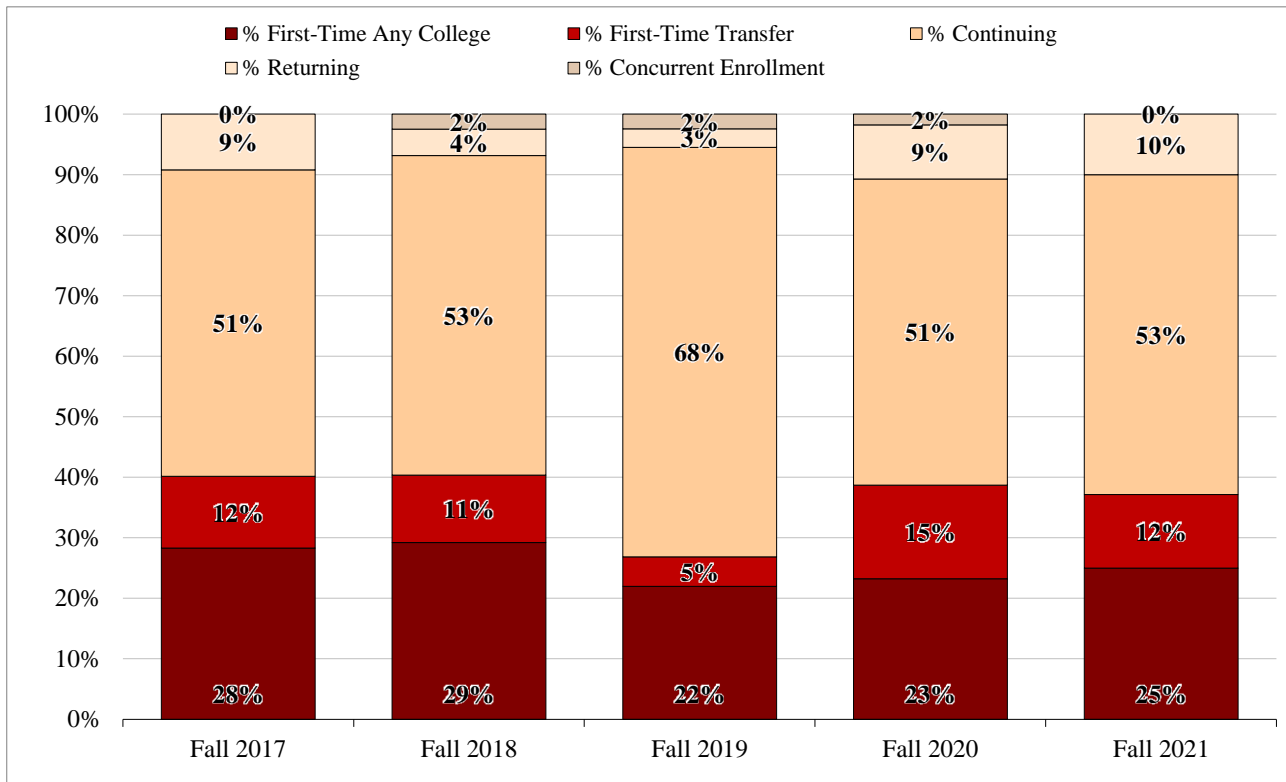
Student Demographic: Race-Ethnicity

Fire Service Technology (FST)					
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
African American	3	4	2	4	4
Asian	2	6	7	10	9
Filipino	1	3	2	7	2
Latino	52	53	59	64	40
Native American	1	0	0	0	1
Pacific Islander	0	1	1	0	1
White	80	82	78	68	63
Multiethnic	12	12	12	12	17
Other/Unknown	1	0	3	3	3
% African American	2%	2%	1%	2%	3%
% Asian	1%	4%	4%	6%	6%
% Filipino	1%	2%	1%	4%	1%
% Latino	34%	33%	36%	38%	29%
% Native American	1%	0%	0%	0%	1%
% Pacific Islander	0%	1%	1%	0%	1%
% White	53%	51%	48%	40%	45%
% Multiethnic	8%	7%	7%	7%	12%
% Other/Unknown	1%	0%	2%	2%	2%



Student Enrollment Status

	Fire Service Technology (FST)				
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
First-Time Any College	43	47	36	39	35
First-Time Transfer	18	18	8	26	17
Continuing	77	85	111	85	74
Returning	14	7	5	15	14
Concurrent Enrollment	0	4	4	3	0
% First-Time Any College	28%	29%	22%	23%	25%
% First-Time Transfer	12%	11%	5%	15%	12%
% Continuing	51%	53%	68%	51%	53%
% Returning	9%	4%	3%	9%	10%
% Concurrent Enrollment	0%	2%	2%	2%	0%

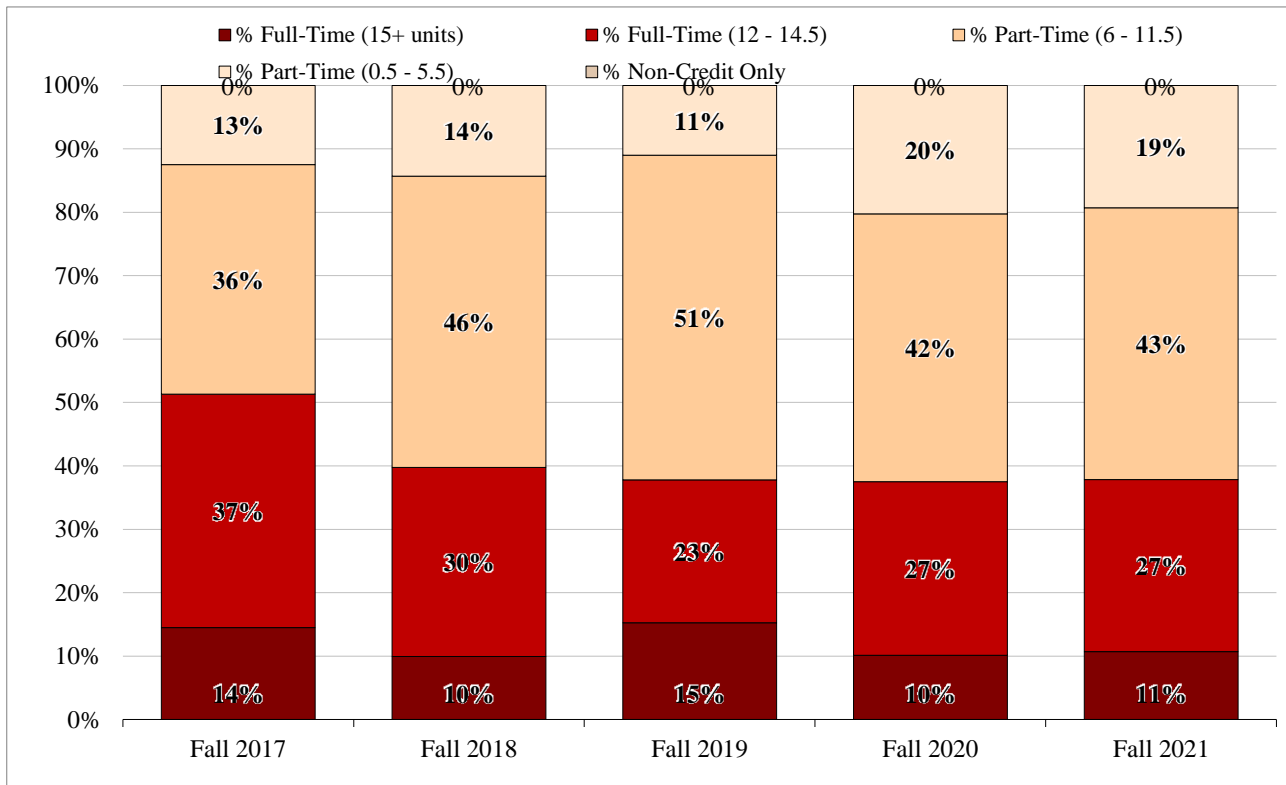


Definitions:

- 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.

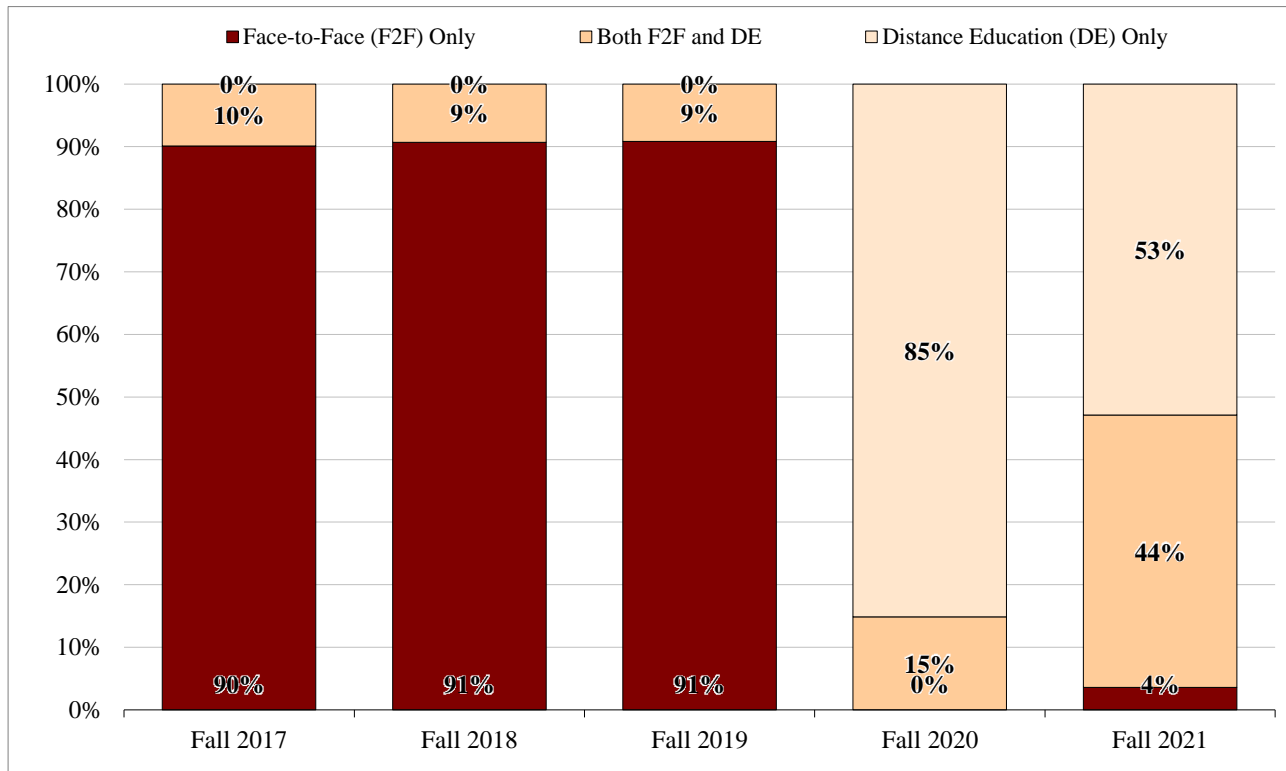
Student Unit Load

	Fire Service Technology (FST)				
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Full-Time (15+ units)	22	16	25	17	15
Full-Time (12 - 14.5)	56	48	37	46	38
Part-Time (6 - 11.5)	55	74	84	71	60
Part-Time (0.5 - 5.5)	19	23	18	34	27
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	14%	10%	15%	10%	11%
% Full-Time (12 - 14.5)	37%	30%	23%	27%	27%
% Part-Time (6 - 11.5)	36%	46%	51%	42%	43%
% Part-Time (0.5 - 5.5)	13%	14%	11%	20%	19%
% Non-Credit Only	0%	0%	0%	0%	0%



Students Using Distance Education

Fire Service Technology (FST)					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Face-to-Face (F2F) Only	137	146	149	0	5
Both F2F and DE	15	15	15	25	61
Distance Education (DE) Only	0	0	0	143	74
% Face-to-Face (F2F) Only	90%	91%	91%	0%	4%
% Both F2F and DE	10%	9%	9%	15%	44%
% Distance Education (DE) Only	0%	0%	0%	85%	53%

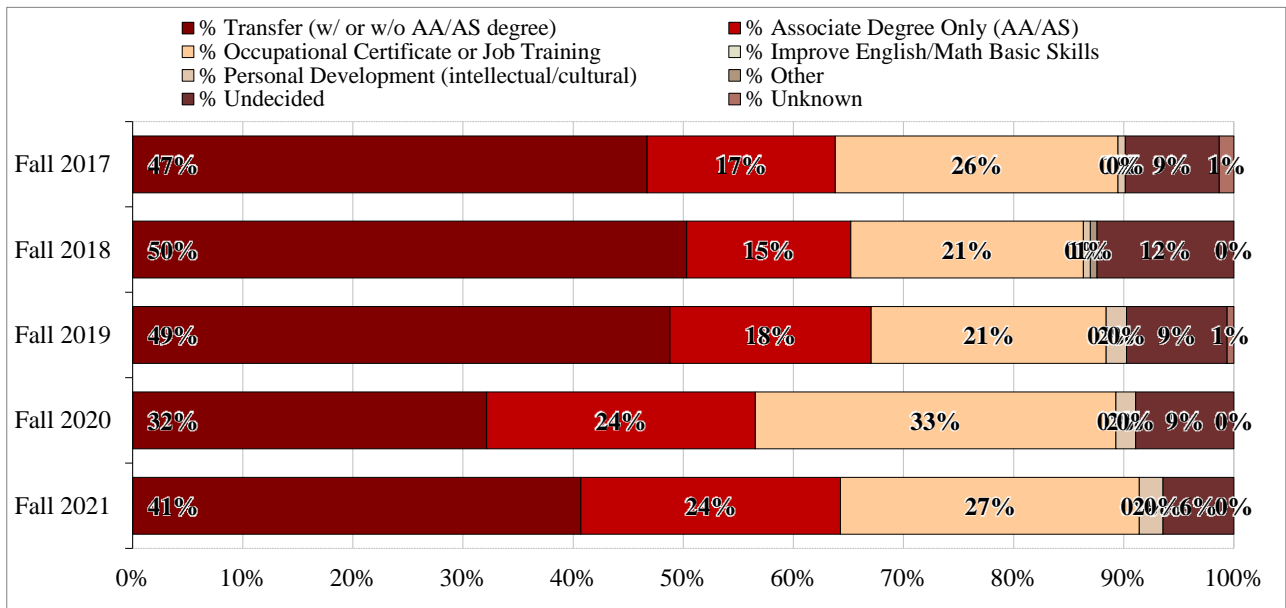


Definitions:

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				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Transfer (w/ or w/o AA/AS degree)	71	81	80	54	57
Associate Degree Only (AA/AS)	26	24	30	41	33
Occupational Certificate or Job Training	39	34	35	55	38
Improve English/Math Basic Skills	0	0	0	0	0
Personal Development (intellectual/cultural)	1	1	3	3	3
Other	0	1	0	0	0
Undecided	13	20	15	15	9
Unknown	2	0	1	0	0
% Transfer (w/ or w/o AA/AS degree)	47%	50%	49%	32%	41%
% Associate Degree Only (AA/AS)	17%	15%	18%	24%	24%
% Occupational Certificate or Job Training	26%	21%	21%	33%	27%
% Improve English/Math Basic Skills	0%	0%	0%	0%	0%
% Personal Development (intellectual/cultural)	1%	1%	2%	2%	2%
% Other	0%	1%	0%	0%	0%
% Undecided	9%	12%	9%	9%	6%
% Unknown	1%	0%	1%	0%	0%

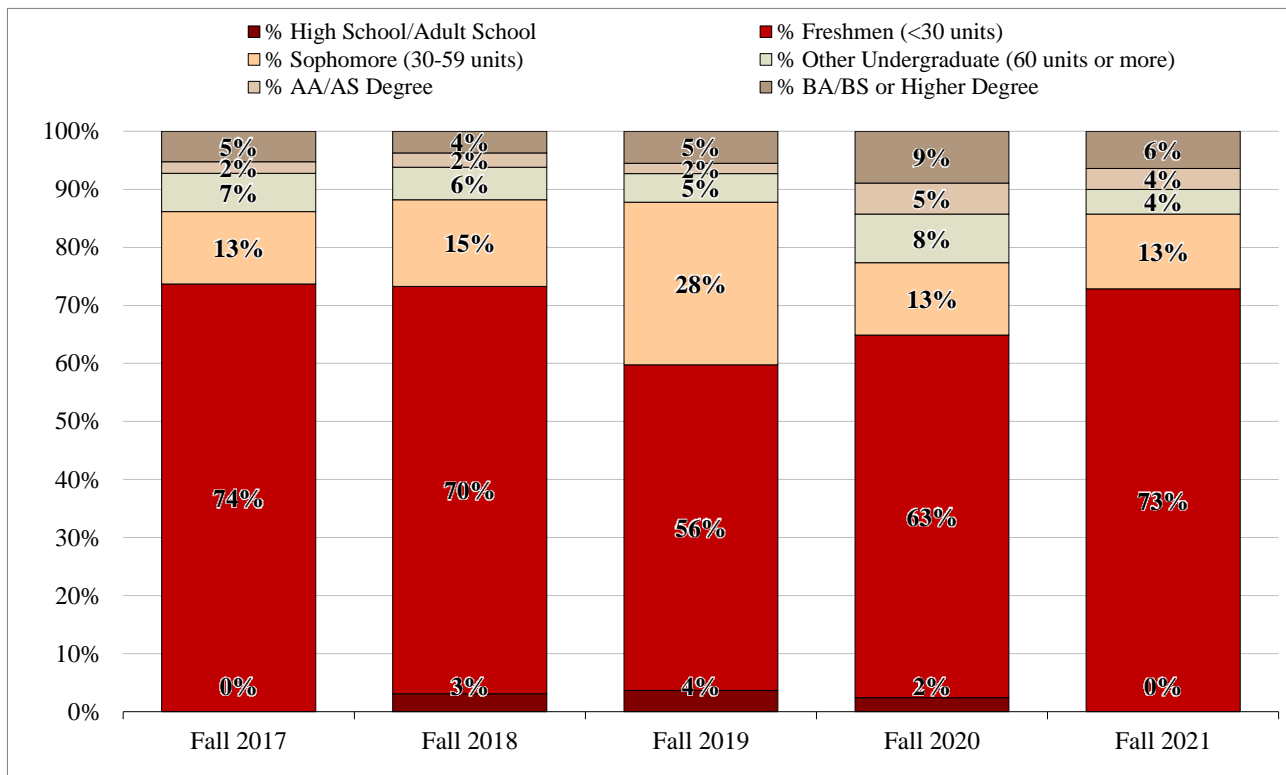


Definitions:

- 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.

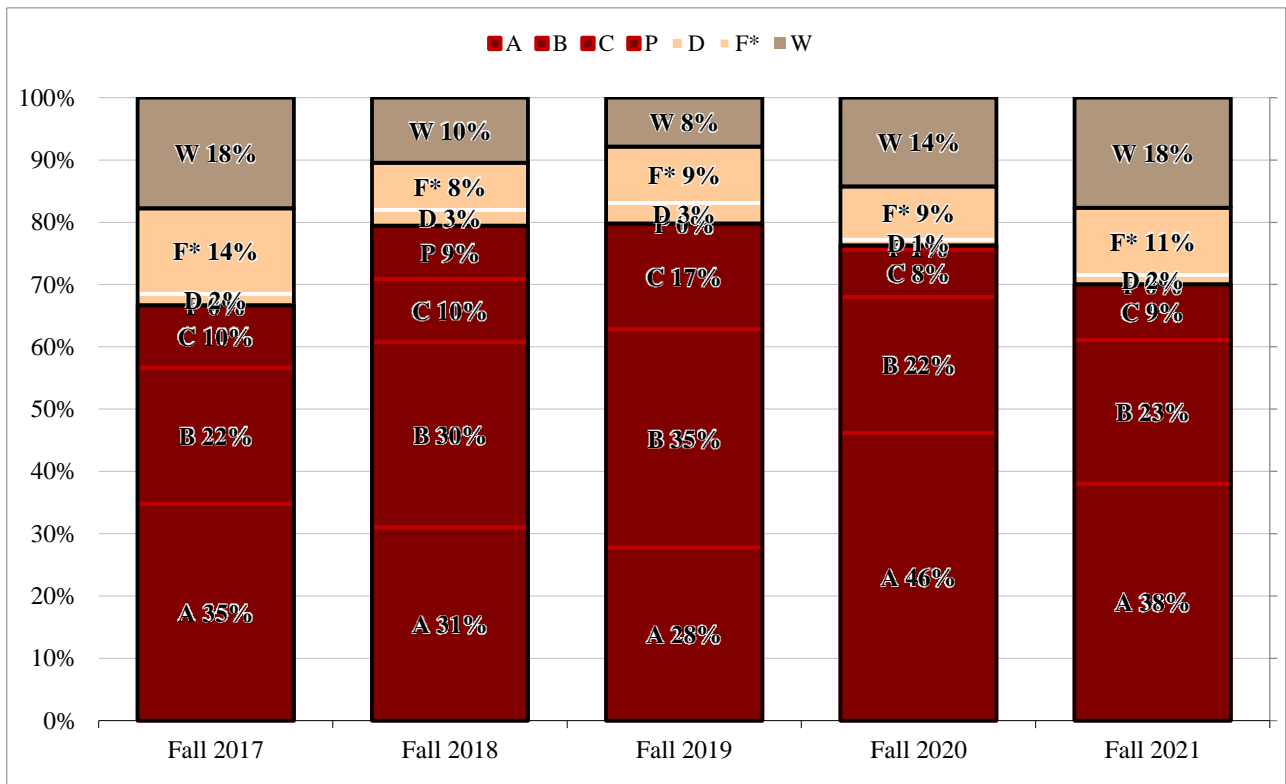
Highest Educational Level of Students

	Fire Service Technology (FST)				
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
High School/Adult School	0	5	6	4	0
Freshmen (<30 units)	112	113	92	105	102
Sophomore (30-59 units)	19	24	46	21	18
Other Undergraduate (60 units or more)	10	9	8	14	6
AA/AS Degree	3	4	3	9	5
BA/BS or Higher Degree	8	6	9	15	9
% High School/Adult School	0%	3%	4%	2%	0%
% Freshmen (<30 units)	74%	70%	56%	63%	73%
% Sophomore (30-59 units)	13%	15%	28%	13%	13%
% Other Undergraduate (60 units or more)	7%	6%	5%	8%	4%
% AA/AS Degree	2%	2%	2%	5%	4%
% BA/BS or Higher Degree	5%	4%	5%	9%	6%



Student Performance: Grade Distribution

Fire Service Technology (FST)					
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Total Course Enrollments	270	316	331	316	262
Course Success Rates	67%	79%	80%	76%	70%
A	35%	31%	28%	46%	38%
B	22%	30%	35%	22%	23%
C	10%	10%	17%	8%	9%
P	0%	9%	0%	1%	0%
Course Non-Success Rate	16%	10%	12%	9%	12%
D	2%	3%	3%	1%	2%
F*	14%	8%	9%	9%	11%
Withdrawals (See Note)	18%	10%	8%	14%	18%



Definitions:

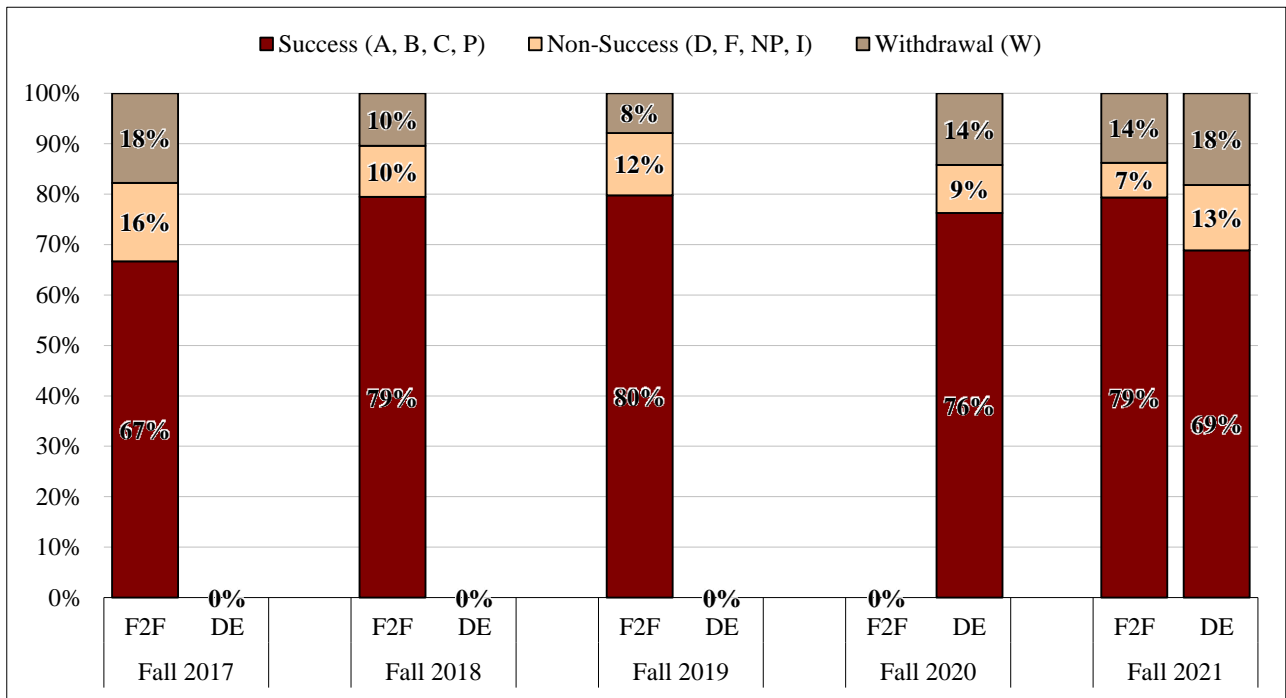
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D' 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				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Total Course Enrollments	270	316	331	316	262
Face-to-Face (F2F) Sections	270	316	331	0	31
Success Rates	67%	79%	80%	—	79%
Non-Success Rates	16%	10%	12%	—	7%
Withdrawals	18%	10%	8%	—	14%
Distance Education (DE) Sections	0	0	0	316	231
Success Rates	—	—	—	76%	69%
Non-Success Rates	—	—	—	9%	13%
Withdrawals	—	—	—	14%	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', 'T', 'NCD', 'NCF', or 'NCNP'.

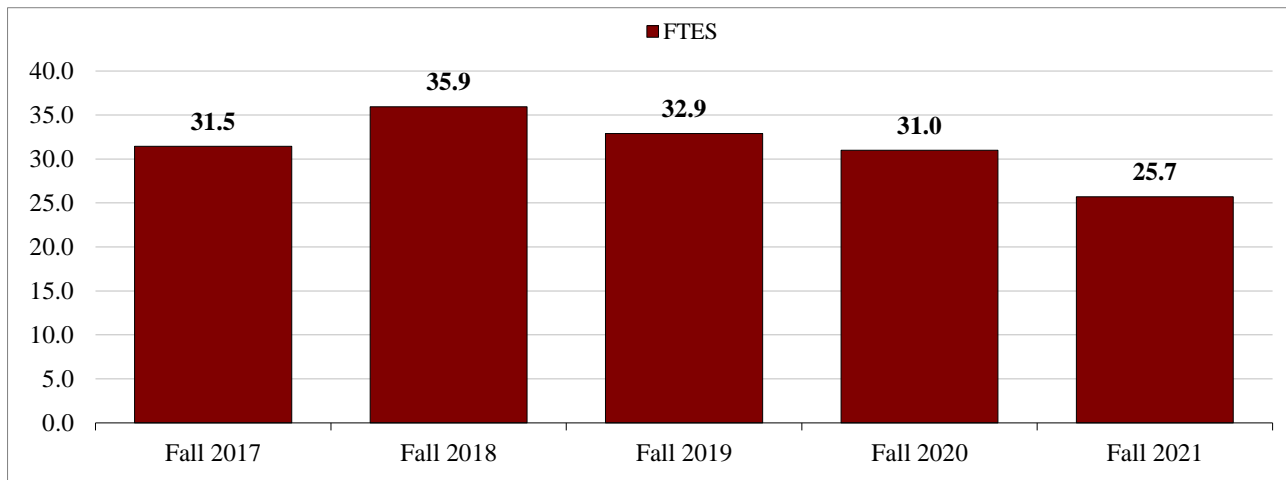
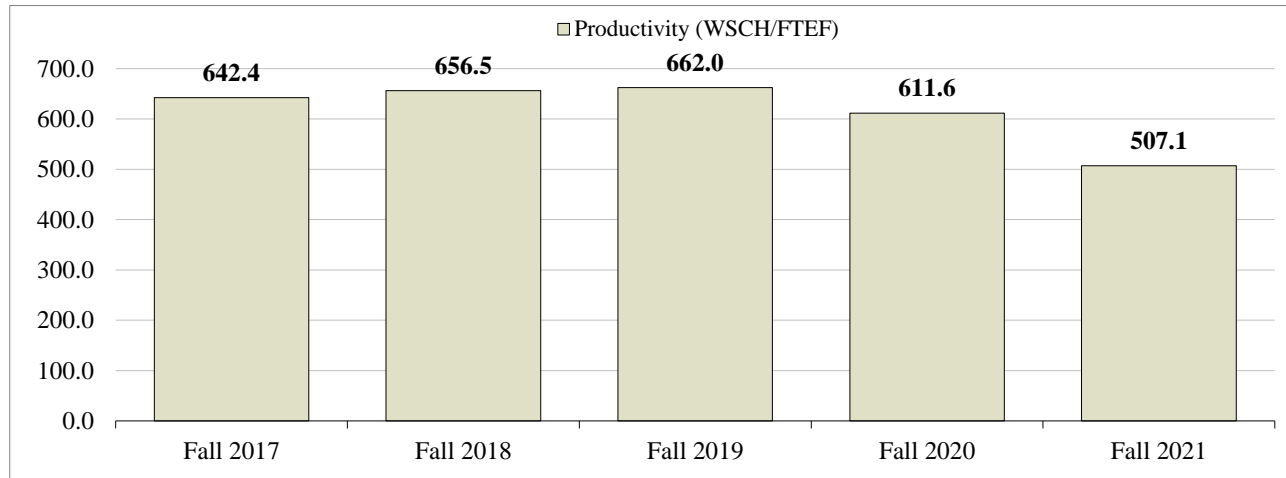
Withdrawals are the share of course enrollments resulting in (1) a grade notation of 'W', 'MW', or 'EW', or, (2) a course dropped due to COVID-19.

Distance Education (DE) includes enrollments in course sections that 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				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
WSCH	952	1,078	993	948	786
FTEs	31.5	35.9	32.9	31.0	25.7
FTEF	1.5	1.6	1.5	1.6	1.6
Productivity (WSCH/FTEF)	642.4	656.5	662.0	611.6	507.1



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.

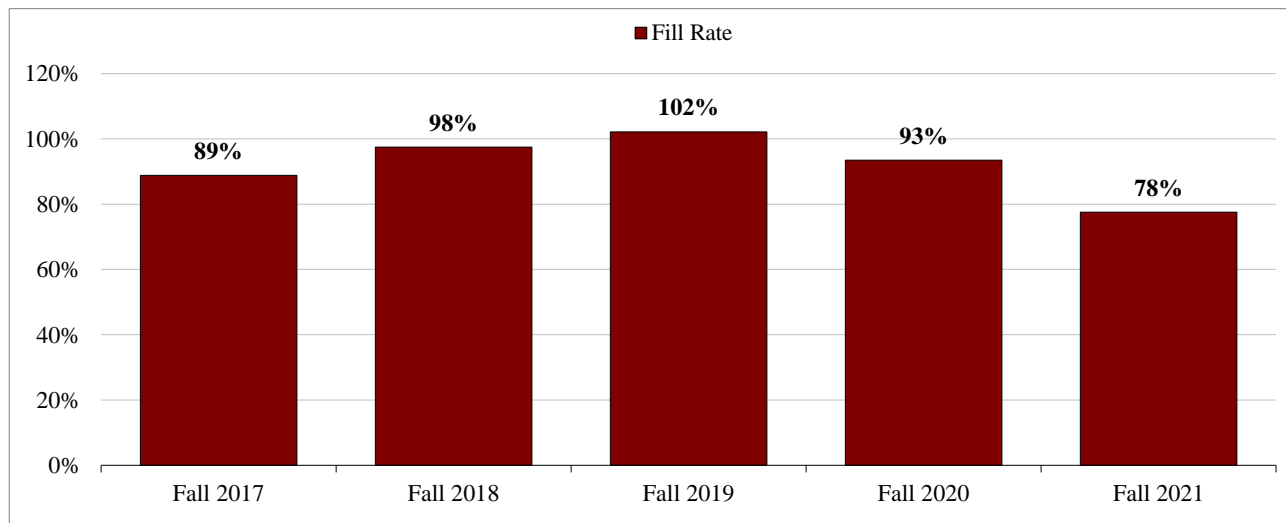
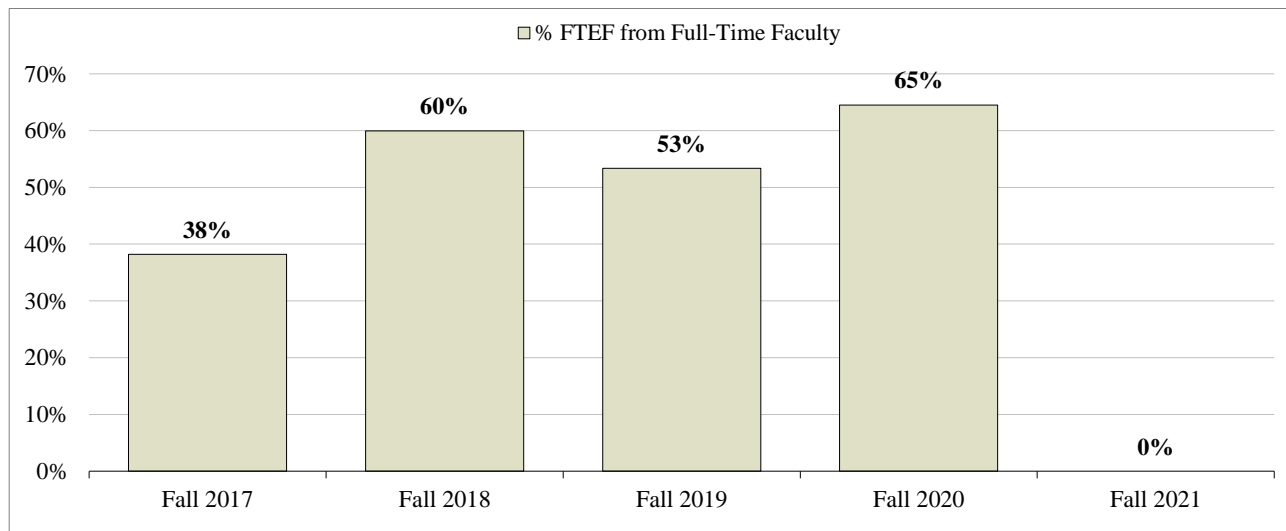
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
FTEF from Full-Time Faculty	0.6	1.0	0.8	1.0	0.0
% FTEF from Full-Time Faculty	38%	60%	53%	65%	0%
Enrollments	270	316	331	316	262
Capacity (seats available)	304	324	324	338	338
Fill Rate	89%	98%	102%	93%	78%



Definitions:

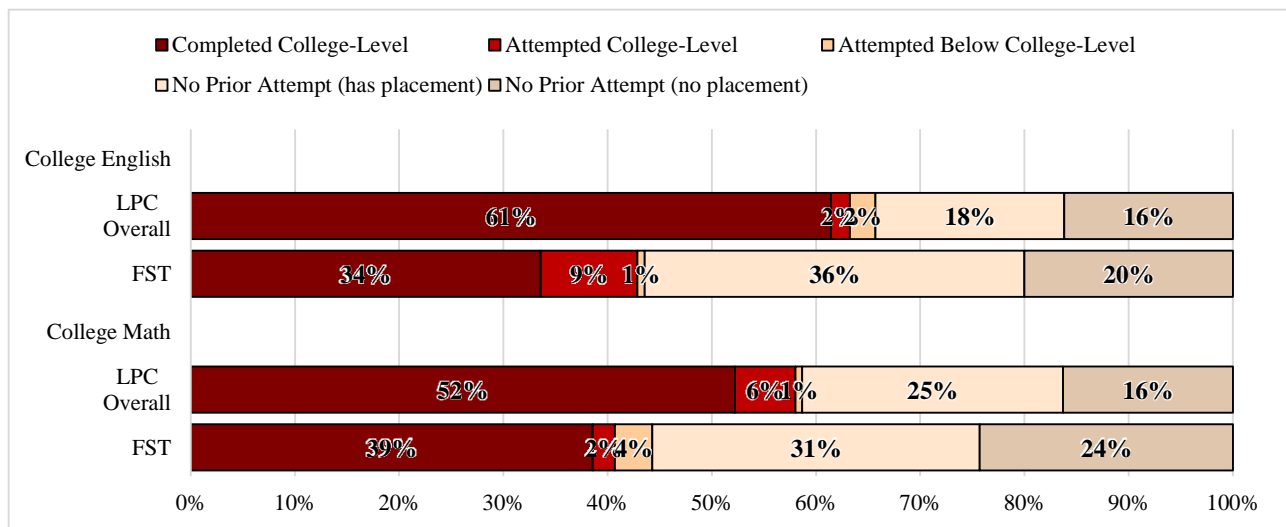
Fill Rate is number of enrollments over the total capacity (seats available).

% 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 7/20/21.

Prior Experience in English & Math

	Fall 2021			
	FST		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	47	34%	3,849	52%
Attempted College-level	13	9%	430	6%
Attempted Below College-level	1	1%	46	1%
No Prior Attempt (has placement)	51	36%	1,845	25%
No Prior Attempt (no placement)	28	20%	1,202	16%
College Math				
Completed College-level	54	39%	4,530	61%
Attempted College-level	3	2%	132	2%
Attempted Below College-level	5	4%	181	2%
No Prior Attempt (has placement)	44	31%	1,337	18%
No Prior Attempt (no placement)	34	24%	1,192	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 Attempt (no placement) = no previous English enrollments within the sequence and did not utilize a placement tool.

College Math:

Completed College-level = successfully 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.