



Las Positas College

Discipline Program Review Data Packet

Fall 2016 to Fall 2020

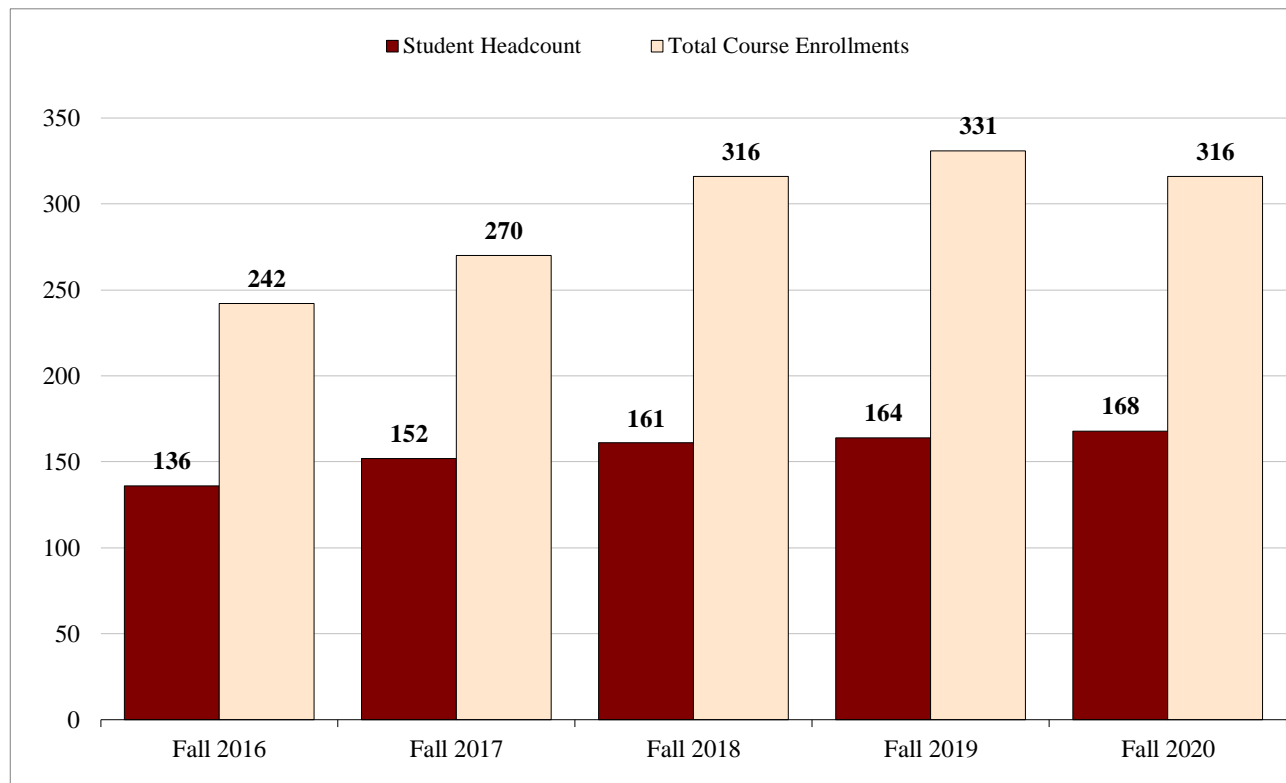
Discipline:

Fire Service Technology (FST)

<u>TABLE OF CONTENTS</u>	<u>PAGE</u>
Headcount & Enrollment	1
Student Demographics: Gender & Age	2
Student Demographics: Race-Ethnicity	3
Student Enrollment Status	4
Student Unit Load	5
Students Using Distance Education	6
Student Educational Goal	7
Highest Educational Level of Students	8
Student Performance: Grade Distribution	9
Student Performance: Distance Education	10
Enrollment Management Data	11-12
Prior Experience in English & Math	13

Headcount & Enrollment

Fire Service Technology (FST)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Student Headcount	136	152	161	164	168
Total Course Enrollments	242	270	316	331	316



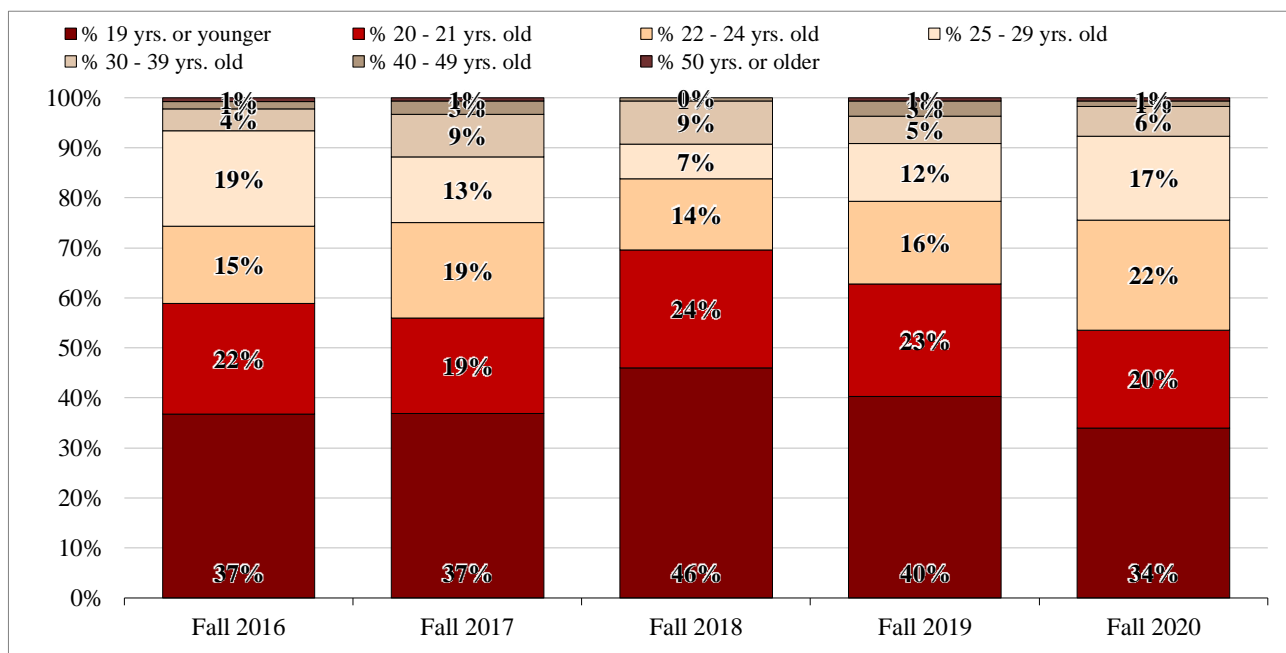
Definitions:

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.

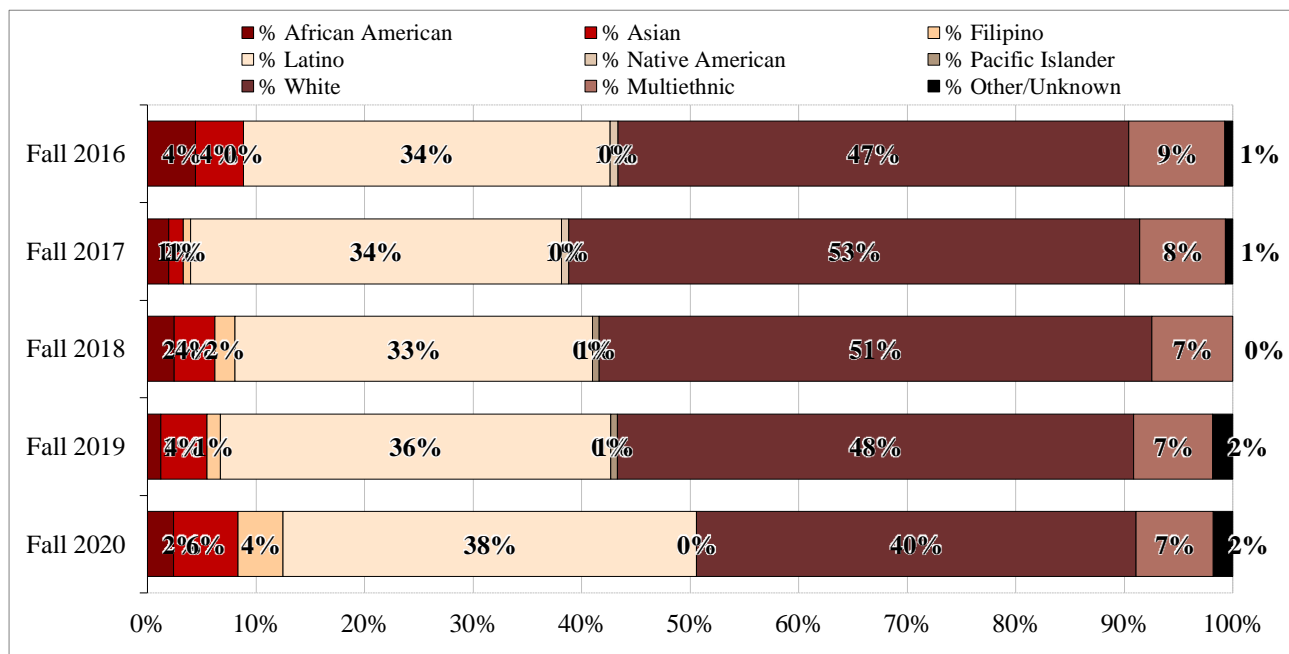
Student Demographics: Gender & Age

Fire Service Technology (FST)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Female	19	20	17	16	14
Male	116	129	142	141	151
19 yrs. or younger	50	56	74	66	57
20-21 yrs. old	30	29	38	37	33
22-24 yrs. old	21	29	23	27	37
25-29 yrs. old	26	20	11	19	28
30-39 yrs. old	6	13	14	9	10
40-49 yrs. old	2	4	1	5	2
50 yrs. or older	1	1	0	1	1
% Female	14%	13%	11%	10%	8%
% Male	86%	87%	89%	90%	92%
% 19 yrs. or younger	37%	37%	46%	40%	34%
% 20 - 21 yrs. old	22%	19%	24%	23%	20%
% 22 - 24 yrs. old	15%	19%	14%	16%	22%
% 25 - 29 yrs. old	19%	13%	7%	12%	17%
% 30 - 39 yrs. old	4%	9%	9%	5%	6%
% 40 - 49 yrs. old	1%	3%	1%	3%	1%
% 50 yrs. or older	1%	1%	0%	1%	1%



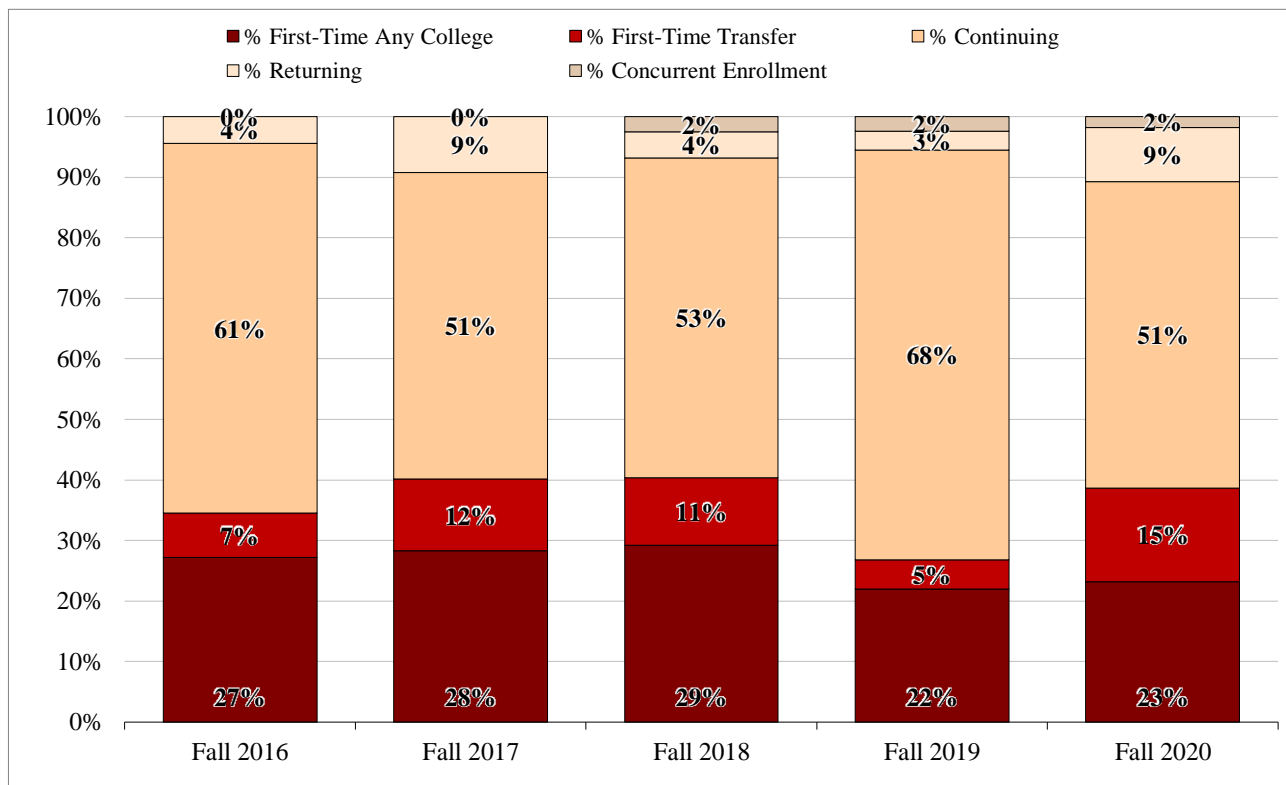
Student Demographic: Race-Ethnicity

Fire Service Technology (FST)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
African American	6	3	4	2	4
Asian	6	2	6	7	10
Filipino	0	1	3	2	7
Latino	46	52	53	59	64
Native American	1	1	0	0	0
Pacific Islander	0	0	1	1	0
White	64	80	82	78	68
Multiethnic	12	12	12	12	12
Other/Unknown	1	1	0	3	3
% African American	4%	2%	2%	1%	2%
% Asian	4%	1%	4%	4%	6%
% Filipino	0%	1%	2%	1%	4%
% Latino	34%	34%	33%	36%	38%
% Native American	1%	1%	0%	0%	0%
% Pacific Islander	0%	0%	1%	1%	0%
% White	47%	53%	51%	48%	40%
% Multiethnic	9%	8%	7%	7%	7%
% Other/Unknown	1%	1%	0%	2%	2%



Student Enrollment Status

Fire Service Technology (FST)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
First-Time Any College	37	43	47	36	39
First-Time Transfer	10	18	18	8	26
Continuing	83	77	85	111	85
Returning	6	14	7	5	15
Concurrent Enrollment	0	0	4	4	3
% First-Time Any College	27%	28%	29%	22%	23%
% First-Time Transfer	7%	12%	11%	5%	15%
% Continuing	61%	51%	53%	68%	51%
% Returning	4%	9%	4%	3%	9%
% Concurrent Enrollment	0%	0%	2%	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.

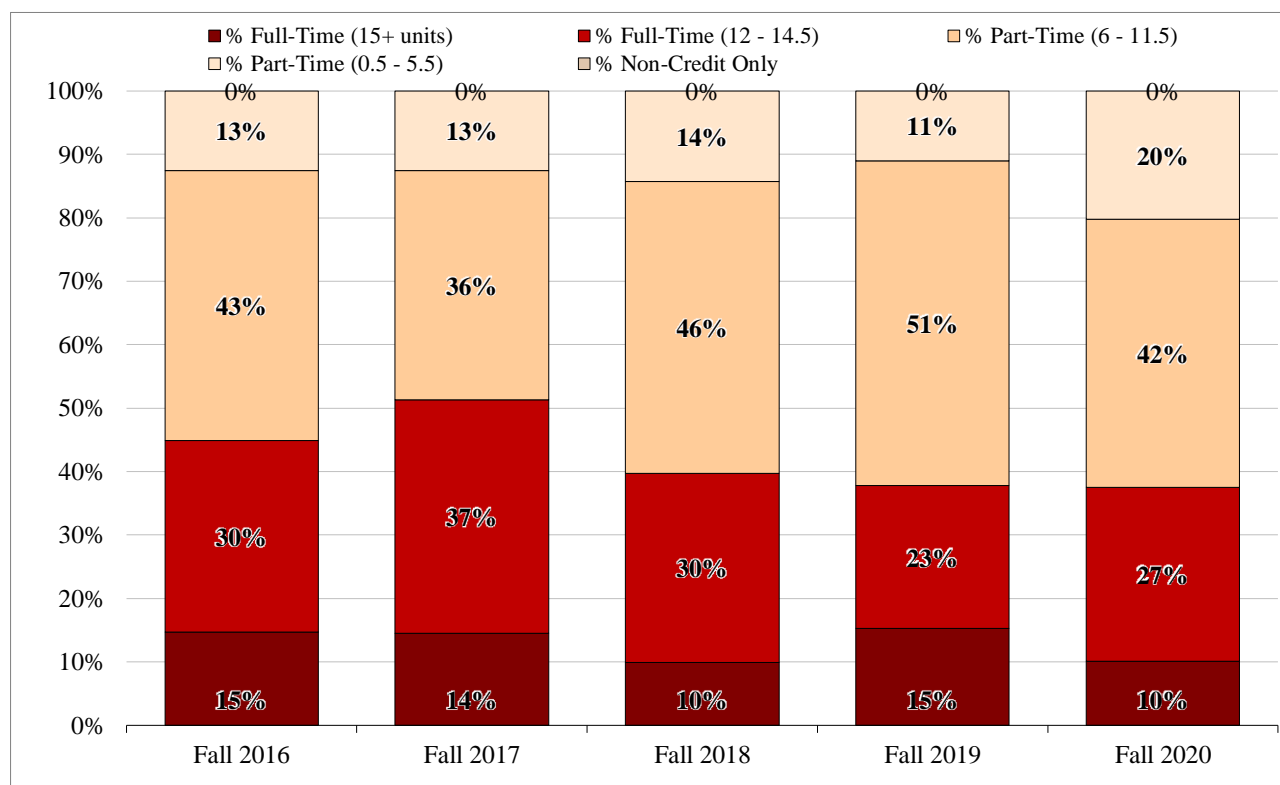
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

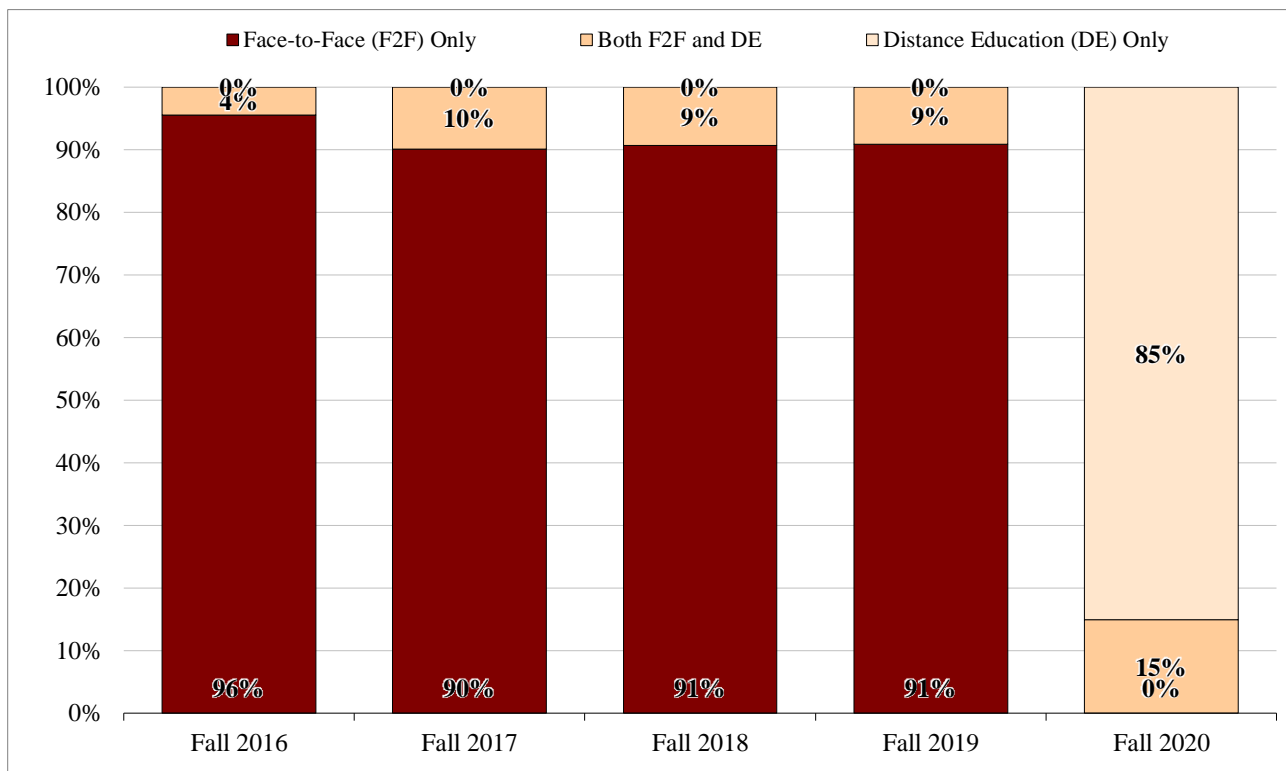
Student Unit Load

Fire Service Technology (FST)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Full-Time (15+ units)	20	22	16	25	17
Full-Time (12 - 14.5)	41	56	48	37	46
Part-Time (6 - 11.5)	58	55	74	84	71
Part-Time (0.5 - 5.5)	17	19	23	18	34
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	15%	14%	10%	15%	10%
% Full-Time (12 - 14.5)	30%	37%	30%	23%	27%
% Part-Time (6 - 11.5)	43%	36%	46%	51%	42%
% Part-Time (0.5 - 5.5)	13%	13%	14%	11%	20%
% 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 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Face-to-Face (F2F) Only	130	137	146	149	0
Both F2F and DE	6	15	15	15	25
Distance Education (DE) Only	0	0	0	0	143
% Face-to-Face (F2F) Only	96%	90%	91%	91%	0%
% Both F2F and DE	4%	10%	9%	9%	15%
% Distance Education (DE) Only	0%	0%	0%	0%	85%

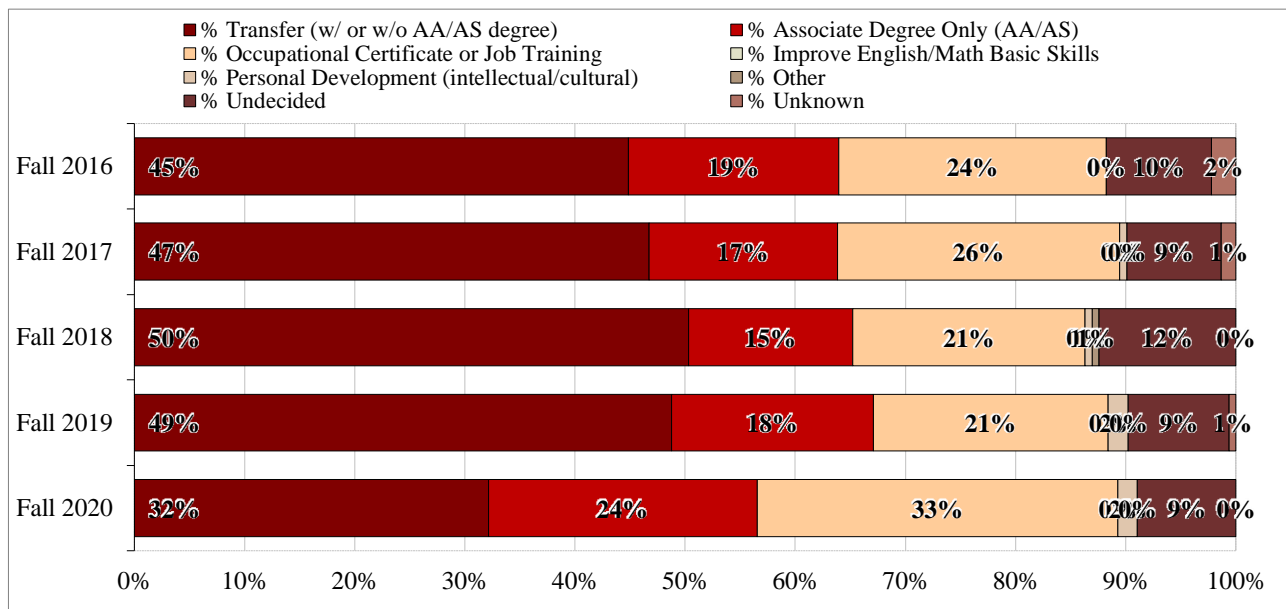


Definitions:

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				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Transfer (w/ or w/o AA/AS degree)	61	71	81	80	54
Associate Degree Only (AA/AS)	26	26	24	30	41
Occupational Certificate or Job Training	33	39	34	35	55
Improve English/Math Basic Skills	0	0	0	0	0
Personal Development (intellectual/cultural)	0	1	1	3	3
Other	0	0	1	0	0
Undecided	13	13	20	15	15
Unknown	3	2	0	1	0
% Transfer (w/ or w/o AA/AS degree)	45%	47%	50%	49%	32%
% Associate Degree Only (AA/AS)	19%	17%	15%	18%	24%
% Occupational Certificate or Job Training	24%	26%	21%	21%	33%
% Improve English/Math Basic Skills	0%	0%	0%	0%	0%
% Personal Development (intellectual/cultural)	0%	1%	1%	2%	2%
% Other	0%	0%	1%	0%	0%
% Undecided	10%	9%	12%	9%	9%
% Unknown	2%	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.

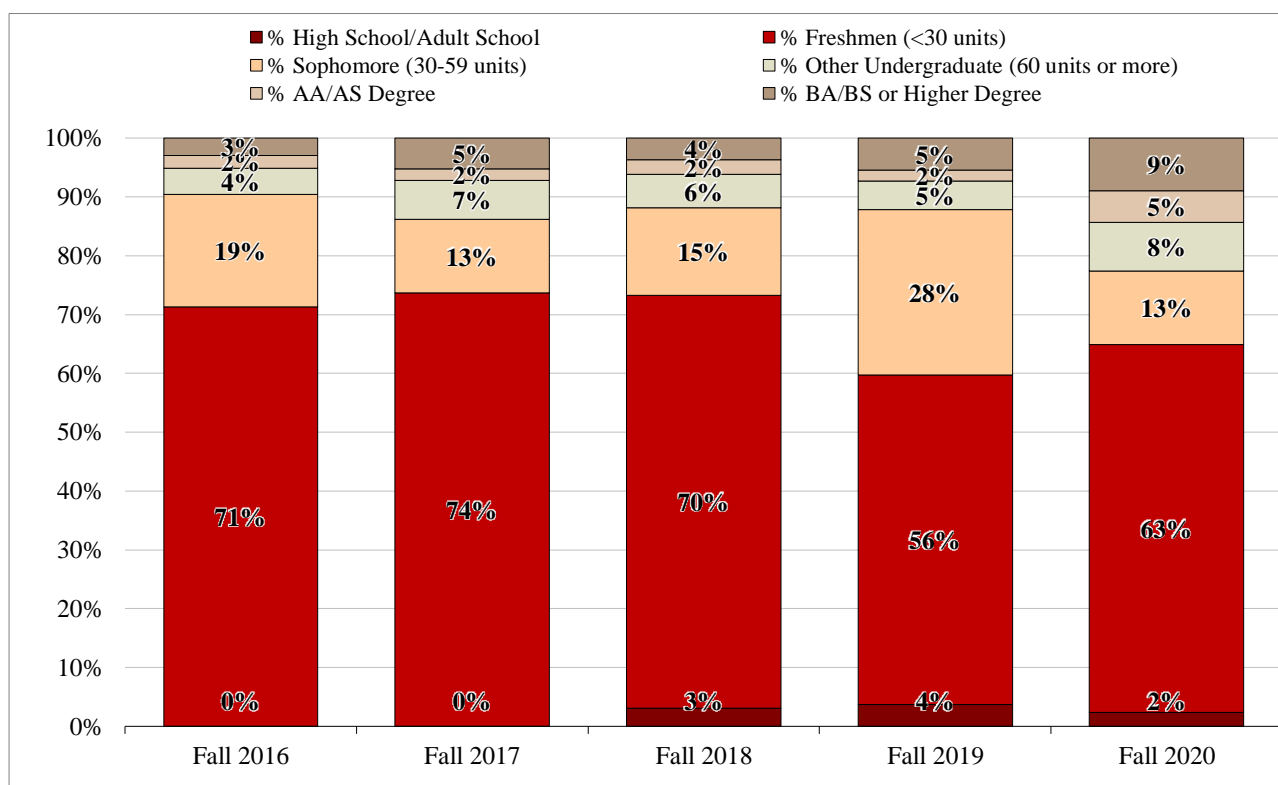
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

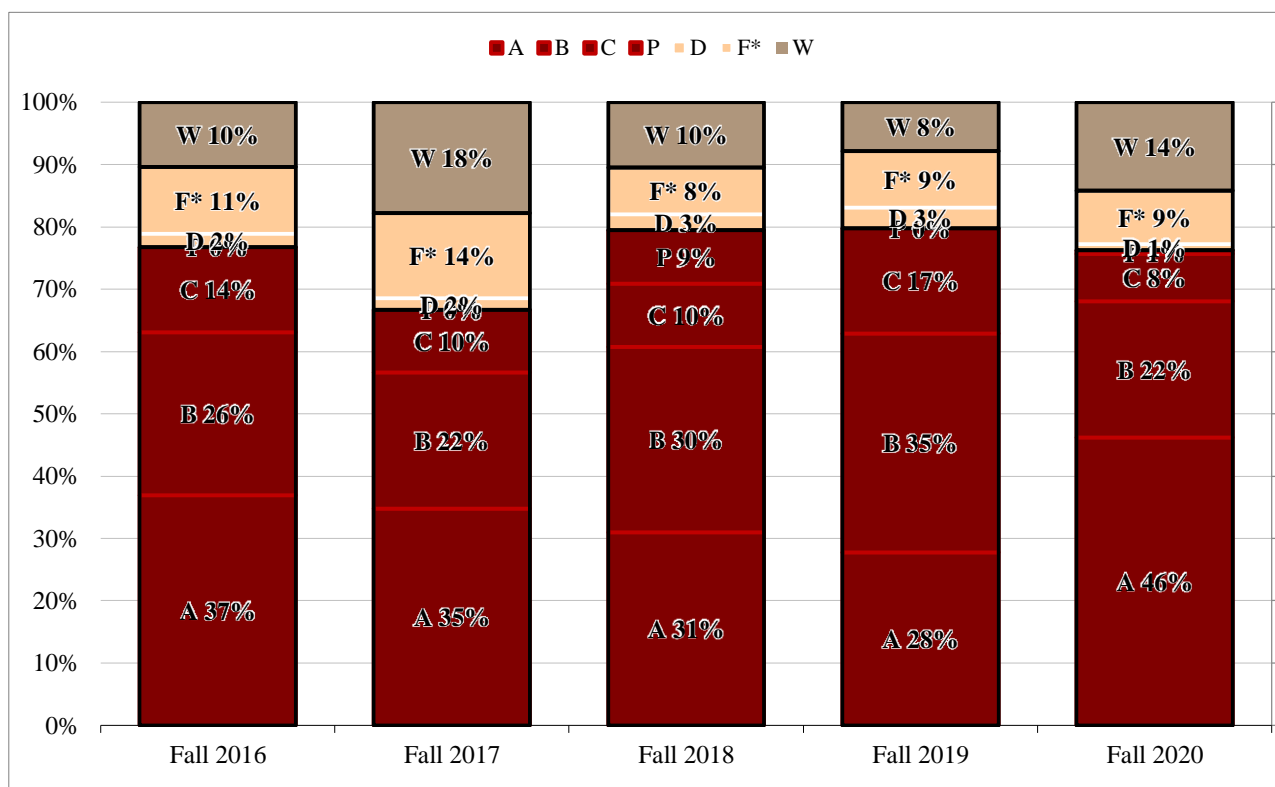
Highest Educational Level of Students

Fire Service Technology (FST)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
High School/Adult School	0	0	5	6	4
Freshmen (<30 units)	97	112	113	92	105
Sophomore (30-59 units)	26	19	24	46	21
Other Undergraduate (60 units or more)	6	10	9	8	14
AA/AS Degree	3	3	4	3	9
BA/BS or Higher Degree	4	8	6	9	15
% High School/Adult School	0%	0%	3%	4%	2%
% Freshmen (<30 units)	71%	74%	70%	56%	63%
% Sophomore (30-59 units)	19%	13%	15%	28%	13%
% Other Undergraduate (60 units or more)	4%	7%	6%	5%	8%
% AA/AS Degree	2%	2%	2%	2%	5%
% BA/BS or Higher Degree	3%	5%	4%	5%	9%



Student Performance: Grade Distribution

Fire Service Technology (FST)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Total Course Enrollments	242	270	316	331	316
Course Success Rates	77%	67%	79%	80%	76%
A	37%	35%	31%	28%	46%
B	26%	22%	30%	35%	22%
C	14%	10%	10%	17%	8%
P	0%	0%	9%	0%	1%
Course Non-Success Rate	13%	16%	10%	12%	9%
D	2%	2%	3%	3%	1%
F*	11%	14%	8%	9%	9%
Withdrawals (See Note)	10%	18%	10%	8%	14%



Definitions:

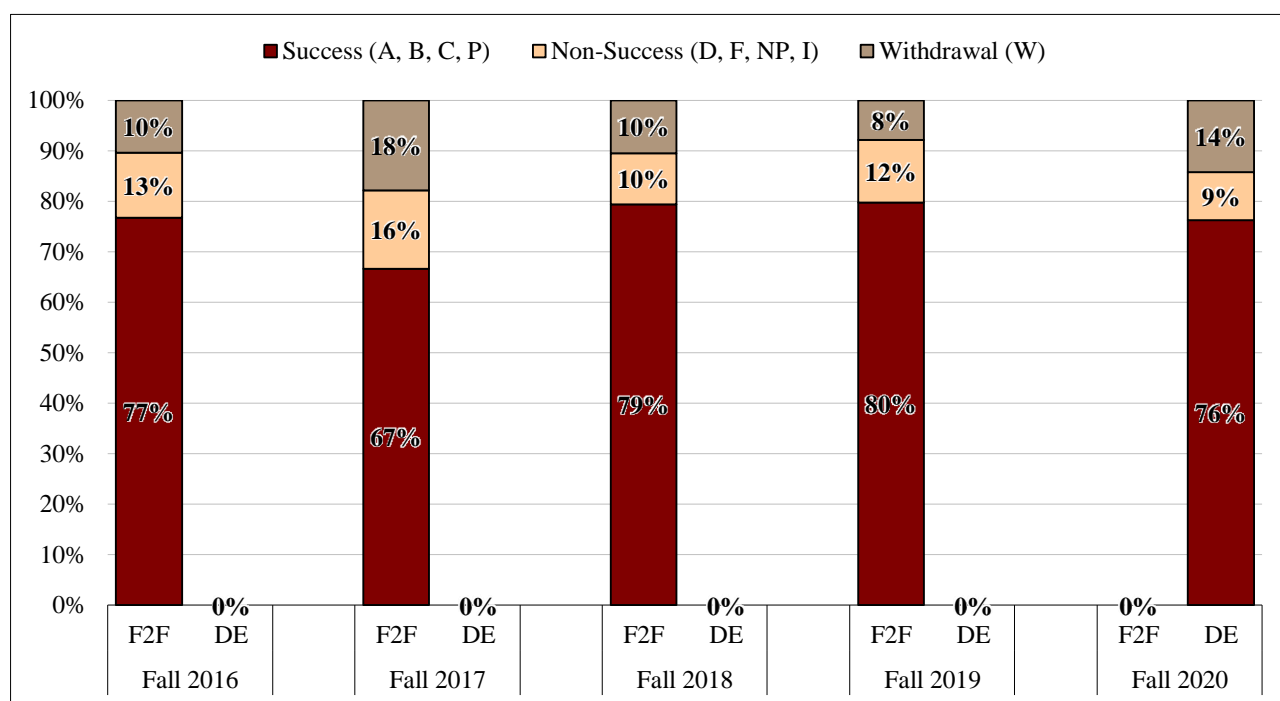
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

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)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Total Course Enrollments	242	270	316	331	316
Face-to-Face (F2F) Sections	242	270	316	331	0
Success Rates	77%	67%	79%	80%	—
Non-Success Rates	13%	16%	10%	12%	—
Withdrawals	10%	18%	10%	8%	—
Distance Education (DE) Sections	0	0	0	0	316
Success Rates	—	—	—	—	76%
Non-Success Rates	—	—	—	—	9%
Withdrawals	—	—	—	—	14%



Definitions:

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

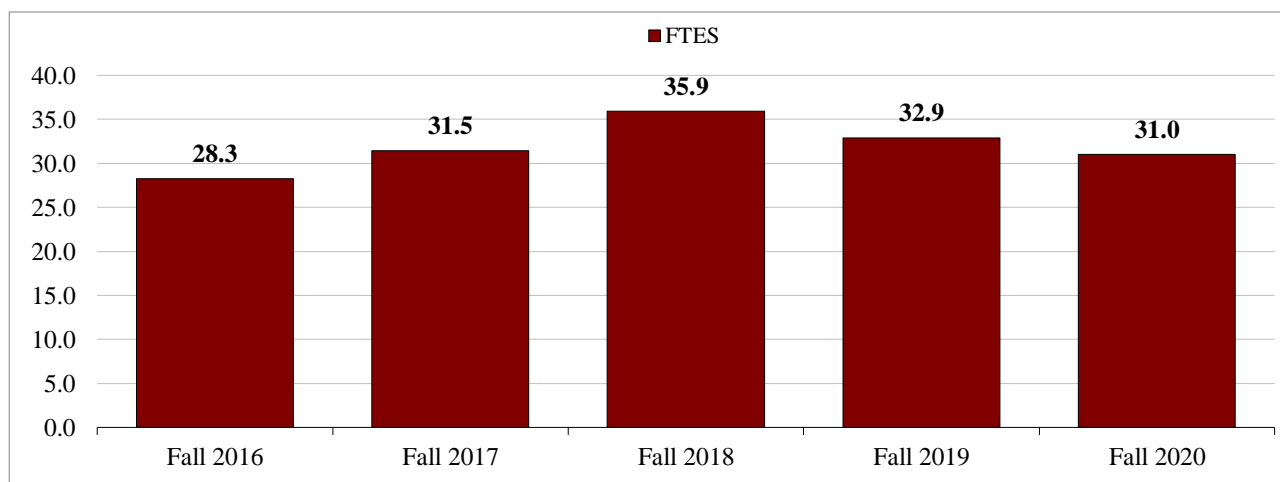
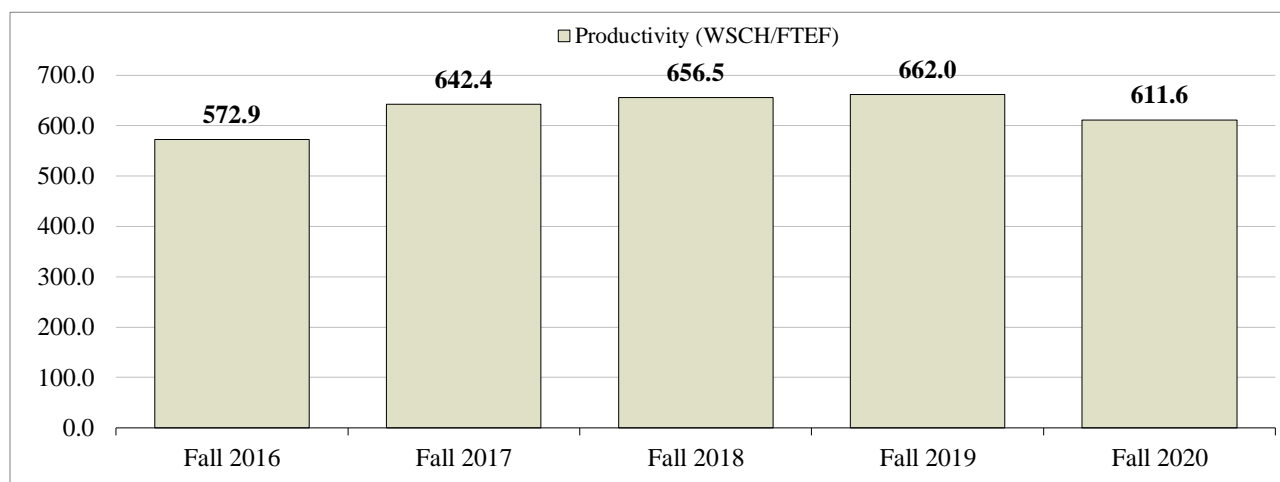
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

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 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
WSCH	849	952	1,078	993	948
FTES	28.3	31.5	35.9	32.9	31.0
FTEF	1.5	1.5	1.6	1.5	1.6
Productivity (WSCH/FTEF)	572.9	642.4	656.5	662.0	611.6



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.

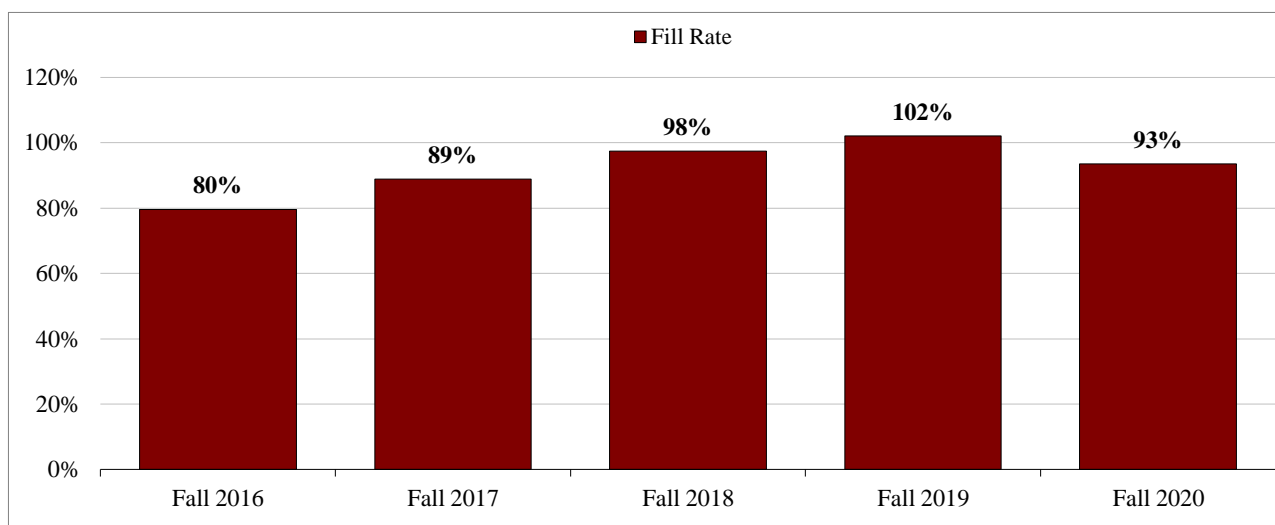
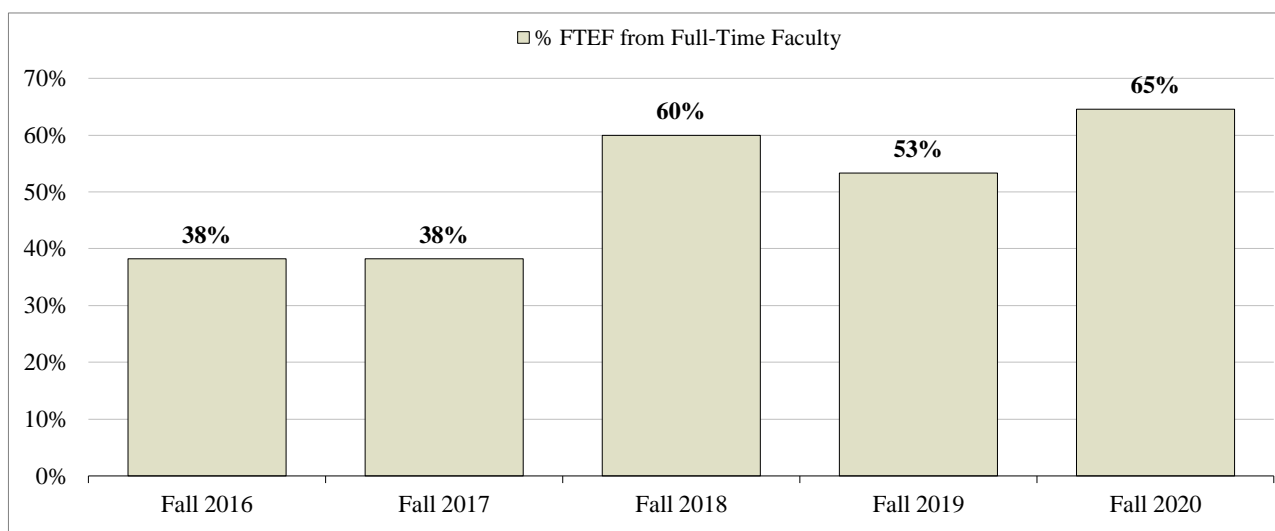
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
FTEF from Full-Time Faculty	0.6	0.6	1.0	0.8	1.0
% FTEF from Full-Time Faculty	38%	38%	60%	53%	65%
Enrollments	242	270	316	331	316
Capacity (seats available)	304	304	324	324	338
Fill Rate	80%	89%	98%	102%	93%



Definitions:

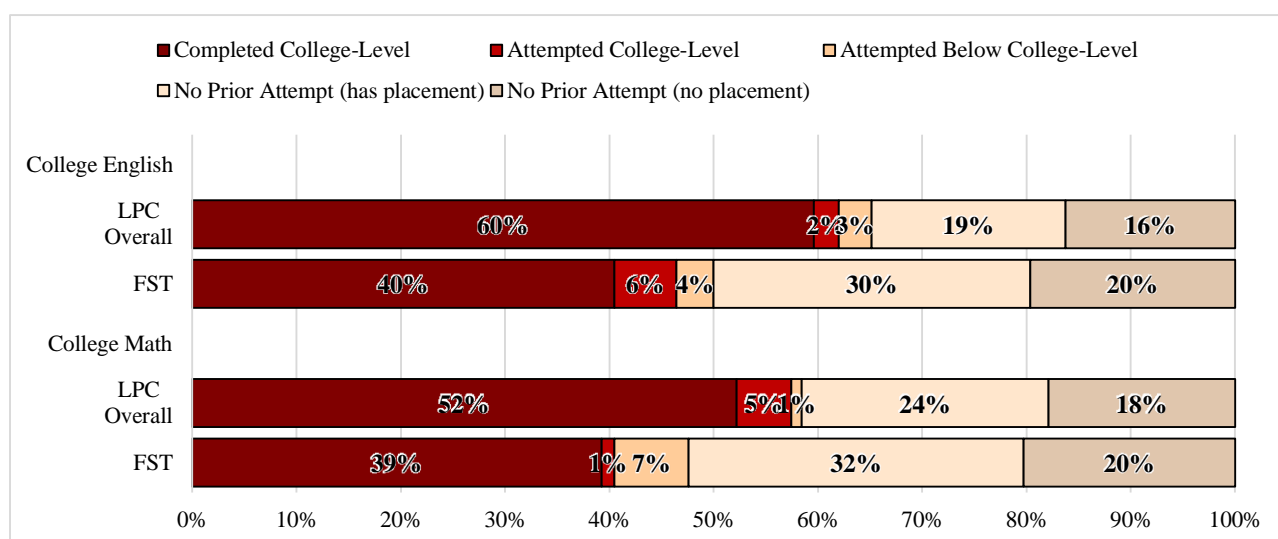
Fill Rate is number of enrollments over the total capacity (seats available).

% 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 2020				
	FST		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	68	40%	4,353	52%
Attempted College-level	10	6%	438	5%
Attempted Below College-level	6	4%	86	1%
No Prior Attempt (has placement)	51	30%	1,974	24%
No Prior Attempt (no placement)	33	20%	1,489	18%
College Math				
Completed College-level	66	39%	4,972	60%
Attempted College-level	2	1%	199	2%
Attempted Below College-level	12	7%	261	3%
No Prior Attempt (has placement)	54	32%	1,555	19%
No Prior Attempt (no placement)	34	20%	1,353	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.