Las Positas College

Program Review Discipline Data Packet

Spring 2016 to Spring 2020
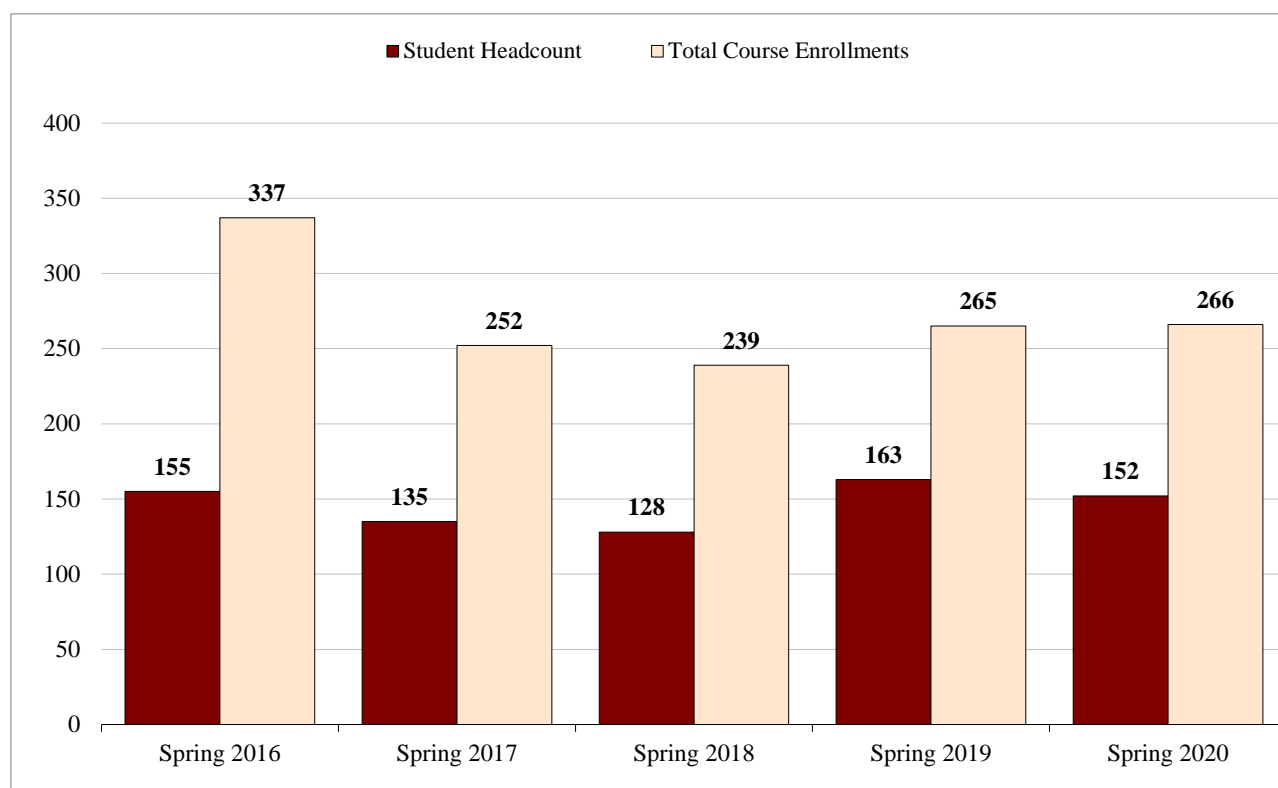
Discipline:

Fire Service Technology (FST)

NOTE: ^ next to rubric / subject code indicates that the report combines data for related credit and non-credit rubrics

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Headcount & Enrollment

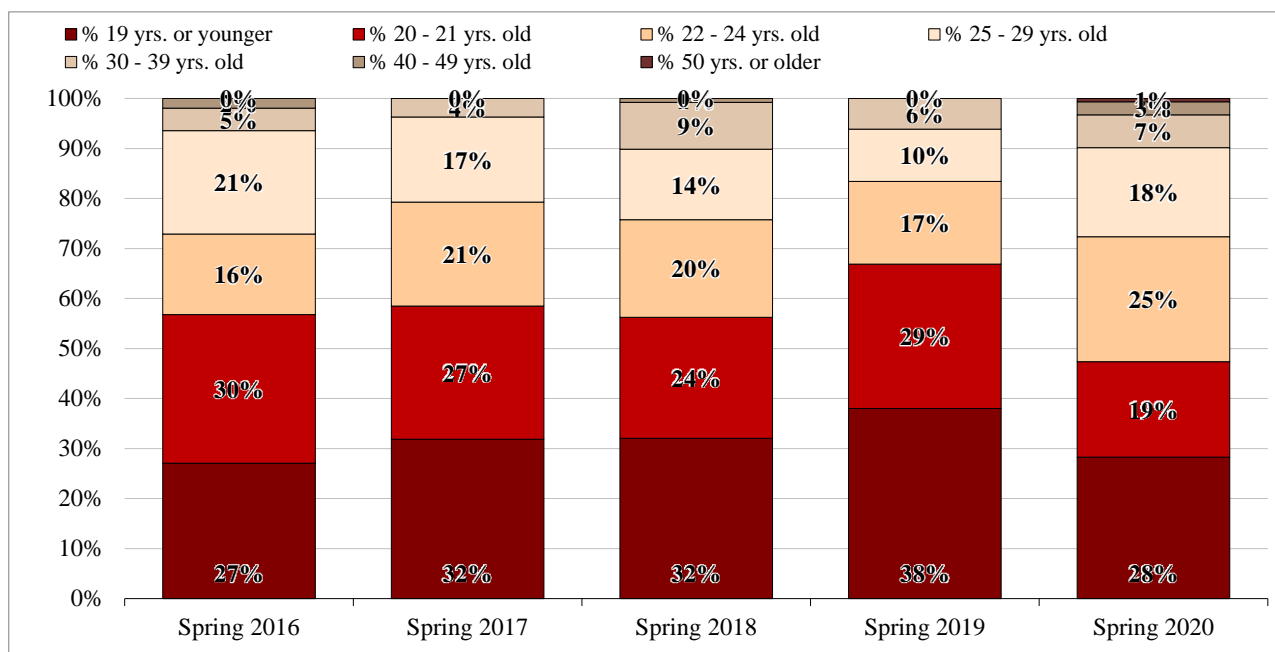| Fire Service Technology (FST)					
	Term				
	Spring 2016	**Spring 2017**	**Spring 2018**	**Spring 2019**	**Spring 2020**
Student Headcount	155	135	128	163	152
Total Course Enrollments	337	252	239	265	266

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.
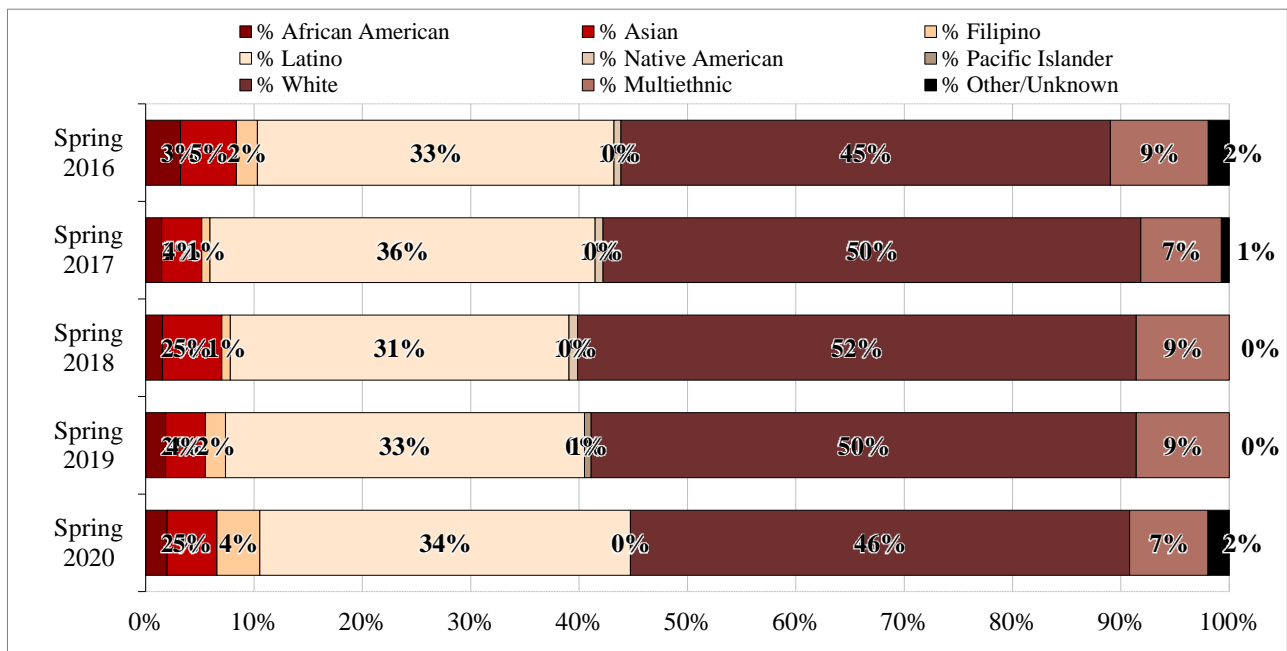
Student Demographics: Gender & Age

Fire Service Technology (FST)					
	Term				
	Spring 2016	**Spring 2017**	**Spring 2018**	**Spring 2019**	**Spring 2020**
Female	13	13	20	24	20
Male	140	121	106	135	130
19 yrs. or younger	42	43	41	62	43
20-21 yrs. old	46	36	31	47	29
22-24 yrs. old	25	28	25	27	38
25-29 yrs. old	32	23	18	17	27
30-39 yrs. old	7	5	12	10	10
40-49 yrs. old	3	0	1	0	4
50 yrs. or older	0	0	0	0	1
% Female	8%	10%	16%	15%	13%
% Male	92%	90%	84%	85%	87%
% 19 yrs. or younger	27%	32%	32%	38%	28%
% 20 - 21 yrs. old	30%	27%	24%	29%	19%
% 22 - 24 yrs. old	16%	21%	20%	17%	25%
% 25 - 29 yrs. old	21%	17%	14%	10%	18%
% 30 - 39 yrs. old	5%	4%	9%	6%	7%
% 40 - 49 yrs. old	2%	0%	1%	0%	3%
% 50 yrs. or older	0%	0%	0%	0%	1%

Student Demographic: Race-Ethnicity

Fire Service Technology (FST)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
African American	5	2	2	3	3
Asian	8	5	7	6	7
Filipino	3	1	1	3	6
Latino	51	48	40	54	52
Native American	1	1	1	0	0
Pacific Islander	0	0	0	1	0
White	70	67	66	82	70
Multiethnic	14	10	11	14	11
Other/Unknown	3	1	0	0	3
% African American	3%	1%	2%	2%	2%
% Asian	5%	4%	5%	4%	5%
% Filipino	2%	1%	1%	2%	4%
% Latino	33%	36%	31%	33%	34%
% Native American	1%	1%	1%	0%	0%
% Pacific Islander	0%	0%	0%	1%	0%
% White	45%	50%	52%	50%	46%
% Multiethnic	9%	7%	9%	9%	7%
% Other/Unknown	2%	1%	0%	0%	2%

Student Enrollment Status

Fire Service Technology (FST)					
	Term				
	Spring 2016	**Spring 2017**	**Spring 2018**	**Spring 2019**	**Spring 2020**
First-Time Any College	9	6	4	8	9
First-Time Transfer	13	15	7	7	17
Continuing	124	112	109	136	116
Returning	8	2	4	7	7
Concurrent Enrollment	1	0	4	5	3
% First-Time Any College	6%	4%	3%	5%	6%
% First-Time Transfer	8%	11%	5%	4%	11%
% Continuing	80%	83%	85%	83%	76%
% Returning	5%	1%	3%	4%	5%
% Concurrent Enrollment	1%	0%	3%	3%	2%
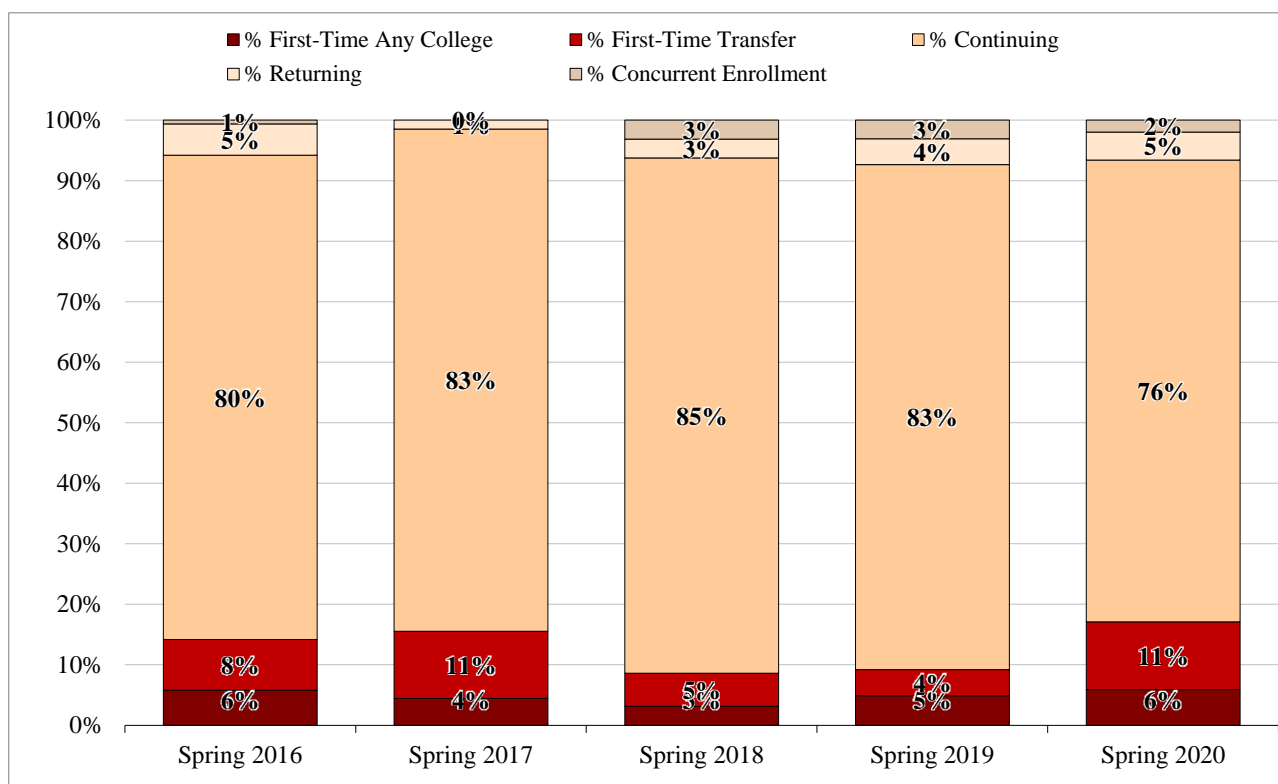
Definitions:

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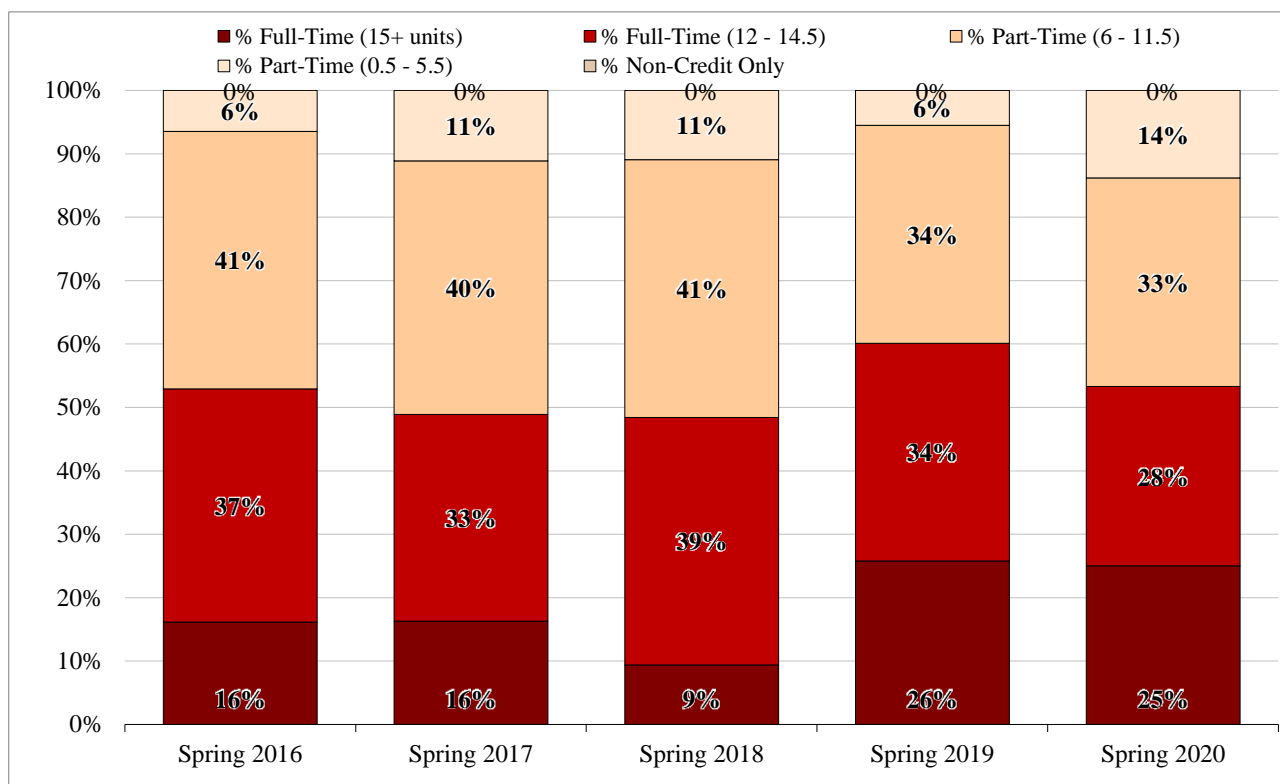
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.
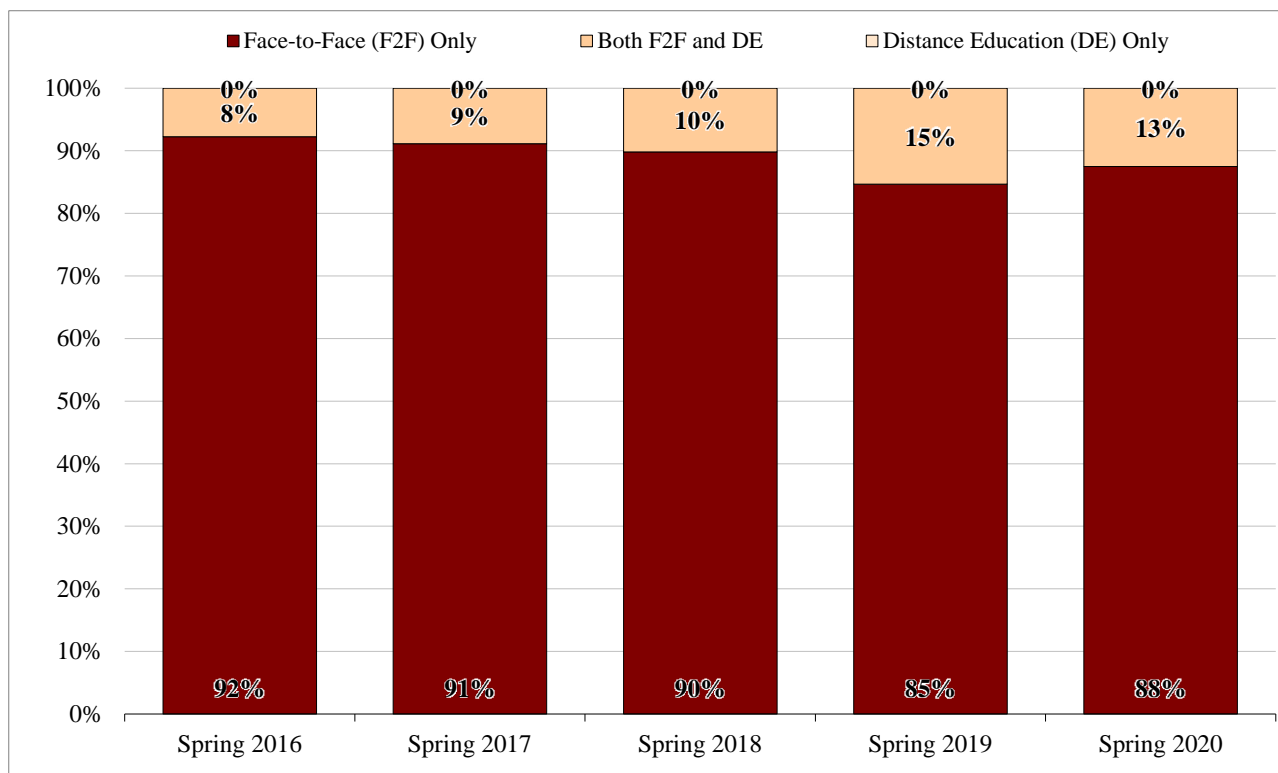
Student Unit Load

Fire Service Technology (FST)					
	Term				
	Spring 2016	**Spring 2017**	**Spring 2018**	**Spring 2019**	**Spring 2020**
Full-Time (15+ units)	25	22	12	42	38
Full-Time (12 - 14.5)	57	44	50	56	43
Part-Time (6 - 11.5)	63	54	52	56	50
Part-Time (0.5 - 5.5)	10	15	14	9	21
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	16%	16%	9%	26%	25%
% Full-Time (12 - 14.5)	37%	33%	39%	34%	28%
% Part-Time (6 - 11.5)	41%	40%	41%	34%	33%
% Part-Time (0.5 - 5.5)	6%	11%	11%	6%	14%
% 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 2016**	**Spring 2017**	**Spring 2018**	**Spring 2019**	**Spring 2020**
Face-to-Face (F2F) Only	143	123	115	138	133
Both F2F and DE	12	12	13	25	19
Distance Education (DE) Only	0	0	0	0	0
% Face-to-Face (F2F) Only	92%	91%	90%	85%	88%
% Both F2F and DE	8%	9%	10%	15%	13%
% Distance Education (DE) Only	0%	0%	0%	0%	0%

Definitions:

Distance Education (DE) includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'.

Office of Research, Planning, and Institutional Effectiveness
Las Positas College

Student Educational Goal

Fire Service Technology (FST)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Transfer (w/ or w/o AA/AS degree)	60	64	64	81	66
Associate Degree Only (AA/AS)	30	31	17	26	30
Occupational Certificate or Job Training	46	26	37	38	39
Improve English/Math Basic Skills	0	1	0	0	0
Personal Development (intellectual/cultural)	2	0	1	1	2
Other	0	0	0	0	1
Undecided	16	11	8	17	12
Unknown	1	2	1	0	2
% Transfer (w/ or w/o AA/AS degree)	39%	47%	50%	50%	43%
% Associate Degree Only (AA/AS)	19%	23%	13%	16%	20%
% Occupational Certificate or Job Training	30%	19%	29%	23%	26%
% Improve English/Math Basic Skills	0%	1%	0%	0%	0%
% Personal Development (intellectual/cultural	1%	0%	1%	1%	1%
% Other	0%	0%	0%	0%	1%
% Undecided	10%	8%	6%	10%	8%
% Unknown	1%	1%	1%	0%	1%
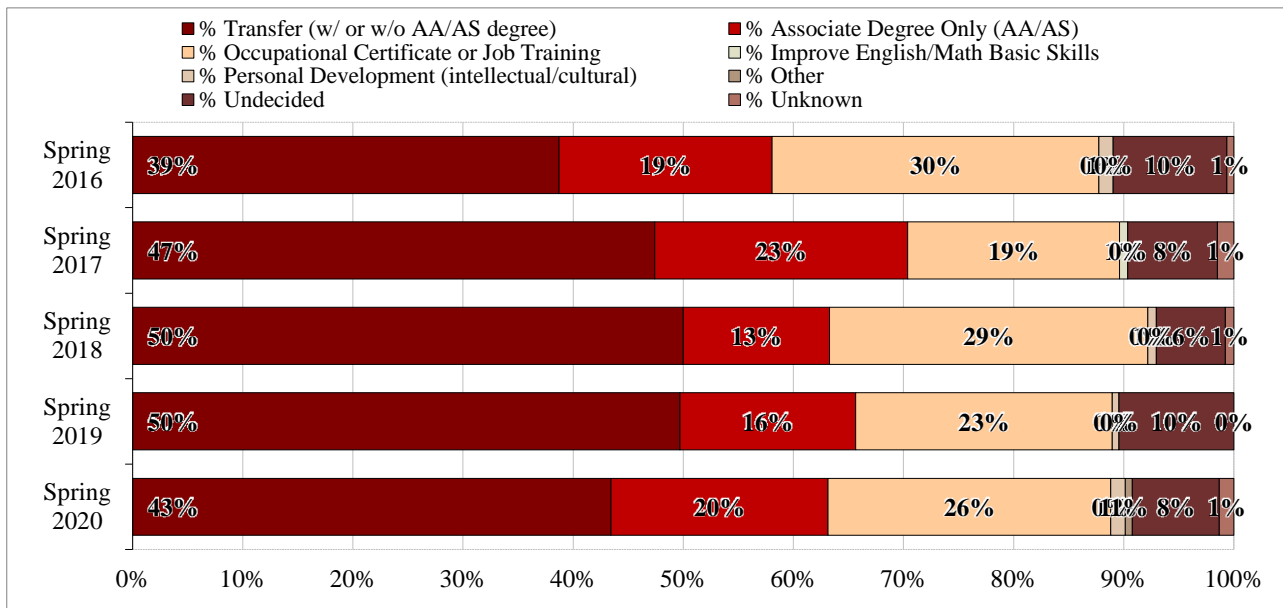
Definitions:

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 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
High School/Adult School	1	1	4	7	5
Freshmen (<30 units)	94	81	74	97	79
Sophomore (30-59 units)	42	33	28	44	34
Other Undergraduate (60 units or more)	6	14	13	9	16
AA/AS Degree	3	2	2	3	6
BA/BS or Higher Degree	9	4	7	3	12
% High School/Adult School	1%	1%	3%	4%	3%
% Freshmen (<30 units)	61%	60%	58%	60%	52%
% Sophomore (30-59 units)	27%	24%	22%	27%	22%
% Other Undergraduate (60 units or more)	4%	10%	10%	6%	11%
% AA/AS Degree	2%	1%	2%	2%	4%
% BA/BS or Higher Degree	6%	3%	5%	2%	8%
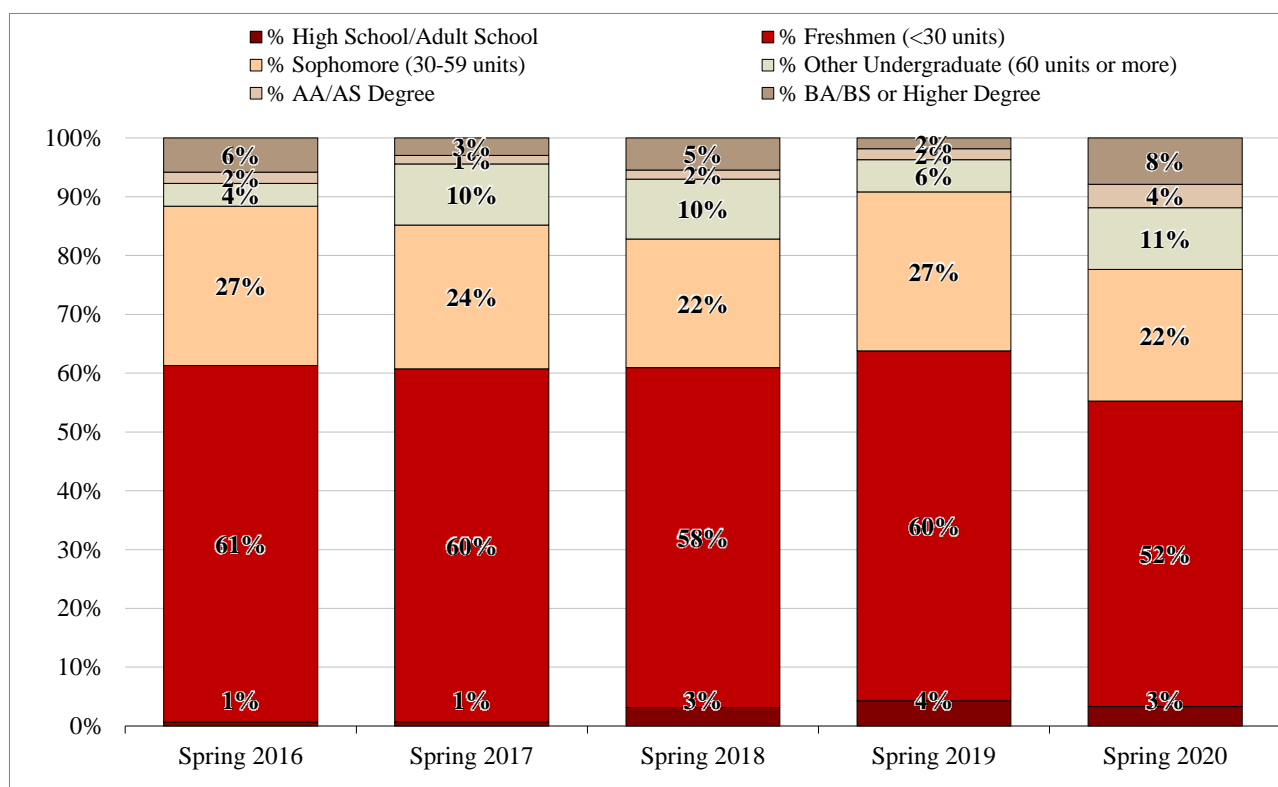
Student Performance: Grade Distribution

| Fire Service Technology (FST)					
	Term				
	Spring 2016	**Spring 2017**	**Spring 2018**	**Spring 2019**	**Spring 2020**
Total Course Enrollments	337	252	239	265	266
Course Success Rates	**82%**	**80%**	**82%**	**79%**	**69%**
A	41%	49%	39%	46%	39%
B	29%	22%	31%	23%	22%
C	13%	9%	12%	10%	6%
P	0%	0%	0%	0%	2%
Course Non-Success Rate	**11%**	**13%**	**7%**	**9%**	**6%**
D	3%	2%	2%	3%	1%
F/NP/I	7%	11%	5%	6%	5%
Withdrawals (W)	**7%**	**7%**	**12%**	**12%**	**25%**
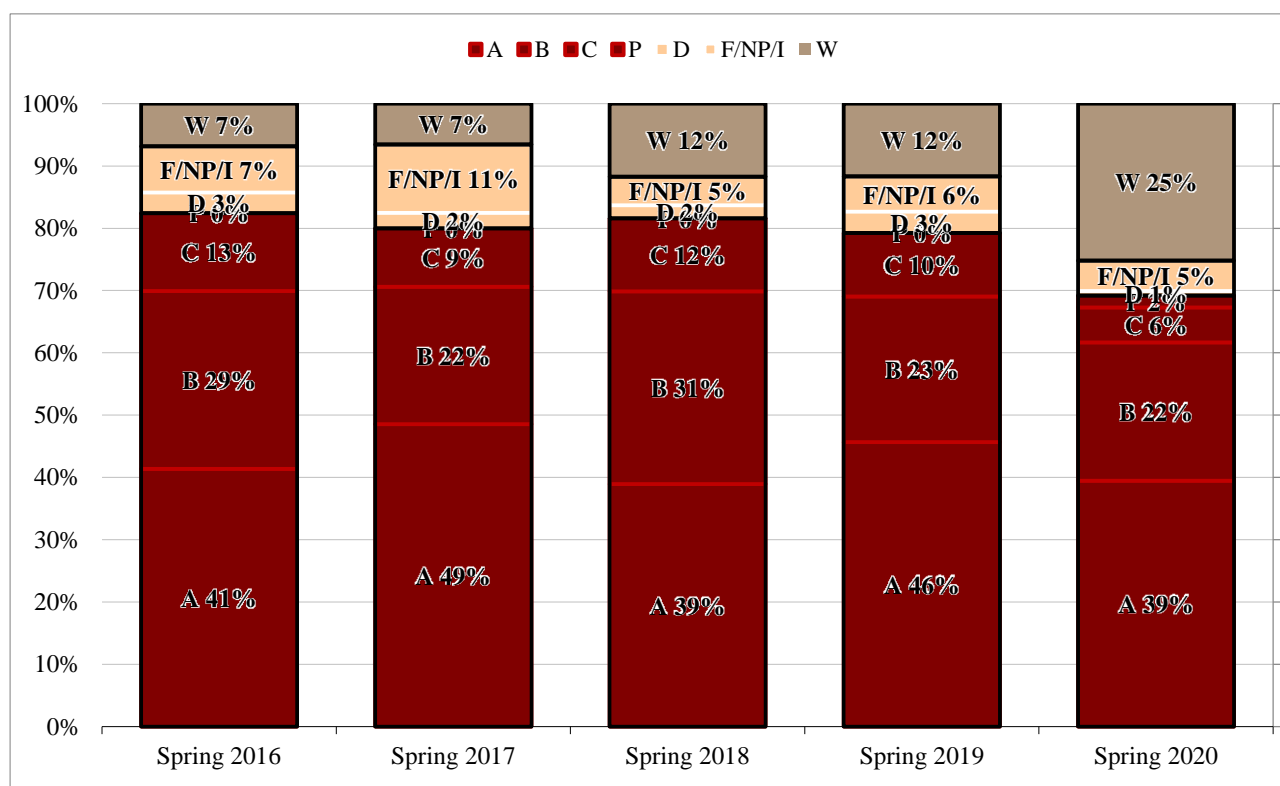
Definitions:

Course Success Rate is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

Course Non-Success Rate is the percentage of students receiving a grade of ('D', 'F', 'NP or 'I') relative to all students receiving a grade.

Withdrawals is the percentage of students receiving a grade notation of 'W' relative to all students receiving a grade.

Student Performance: Distance Education

Fire Service Technology (FST)					
	Term				
	Spring 2016	**Spring 2017**	**Spring 2018**	**Spring 2019**	**Spring 2020**
Total Course Enrollments	337	252	239	265	266
Face-to-Face (F2F) Sections	337	252	239	265	266
Success Rates	82%	80%	82%	79%	69%
Non-Success Rates	11%	13%	7%	9%	6%
Withdrawals	7%	7%	12%	12%	25%
Distance Education (DE) Sections	—	—	—	—	—
Success Rates	—	—	—	—	—
Non-Success Rates	—	—	—	—	—
Withdrawals	—	—	—	—	—
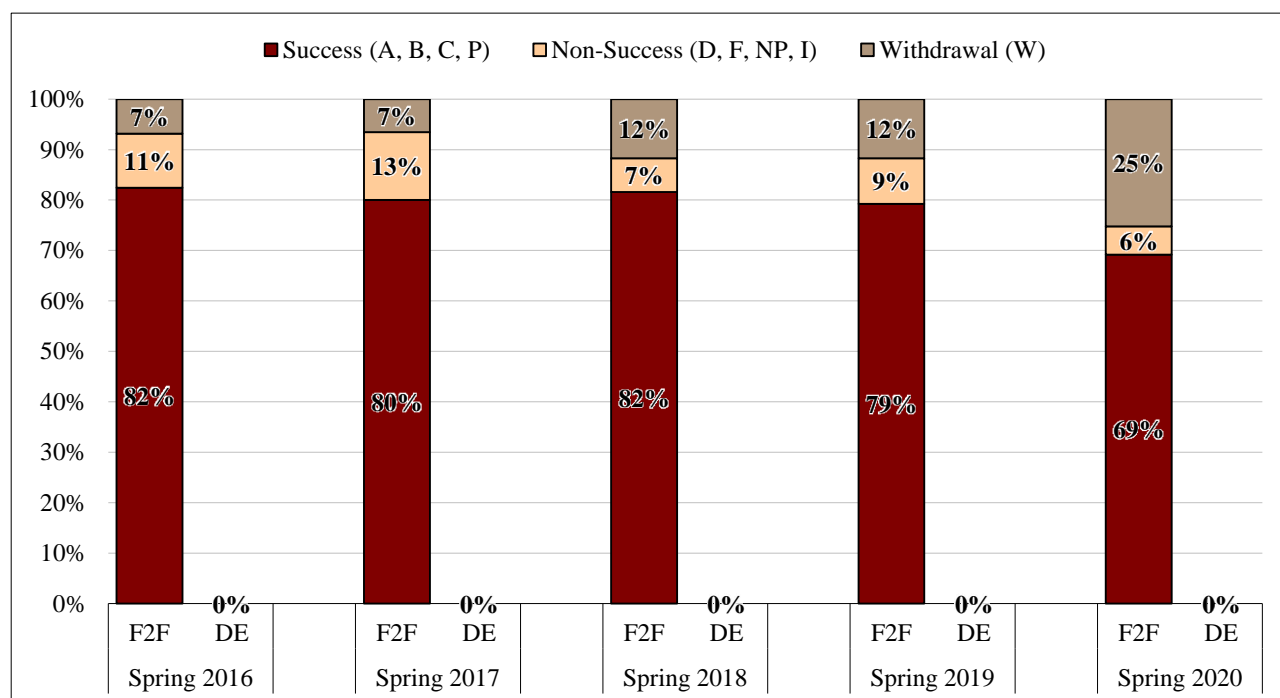
Definitions:

Course Success Rate is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

Course Non-Success Rate is the percentage of students receiving a grade of ('D', 'F', 'NP or 'I') relative to all students receiving a grade.

Withdrawals is the percentage of students receiving a grade notation of 'W' relative to all students receiving a grade.

Distance Education (DE) includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'.

Enrollment Management: Part 1

Fire Service Technology (FST)					
	Term				
	Spring 2016	**Spring 2017**	**Spring 2018**	**Spring 2019**	**Spring 2020**
WSCH	1,251	955	812	1,729	1,638
FTES	41.0	31.5	26.5	57.6	54.4
FTEF	2.2	2.2	1.5	1.9	1.4
Productivity (WSCH/FTEF)	569.7	434.9	535.6	917.7	1,213.3
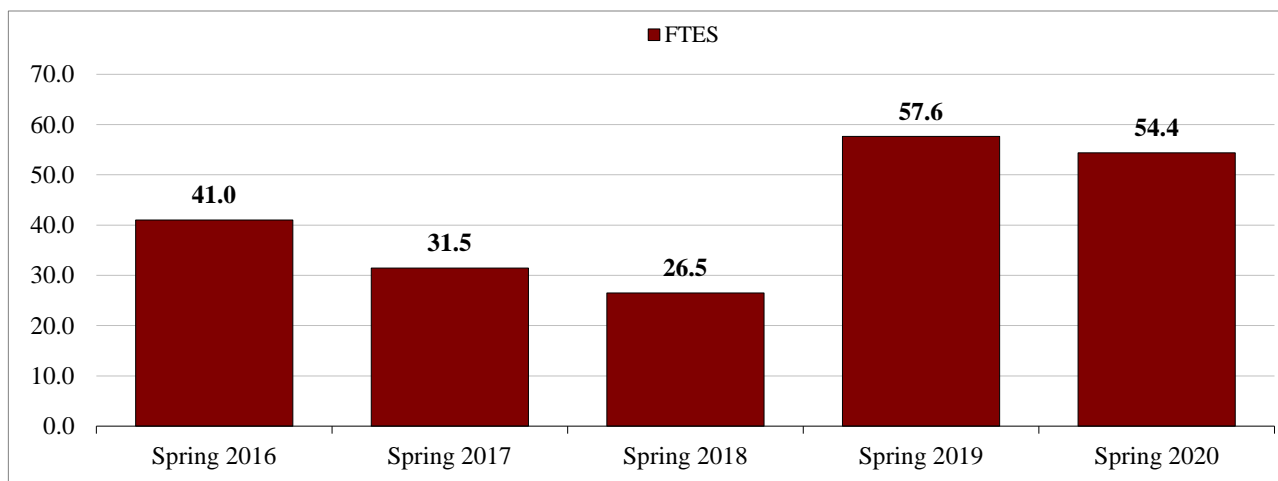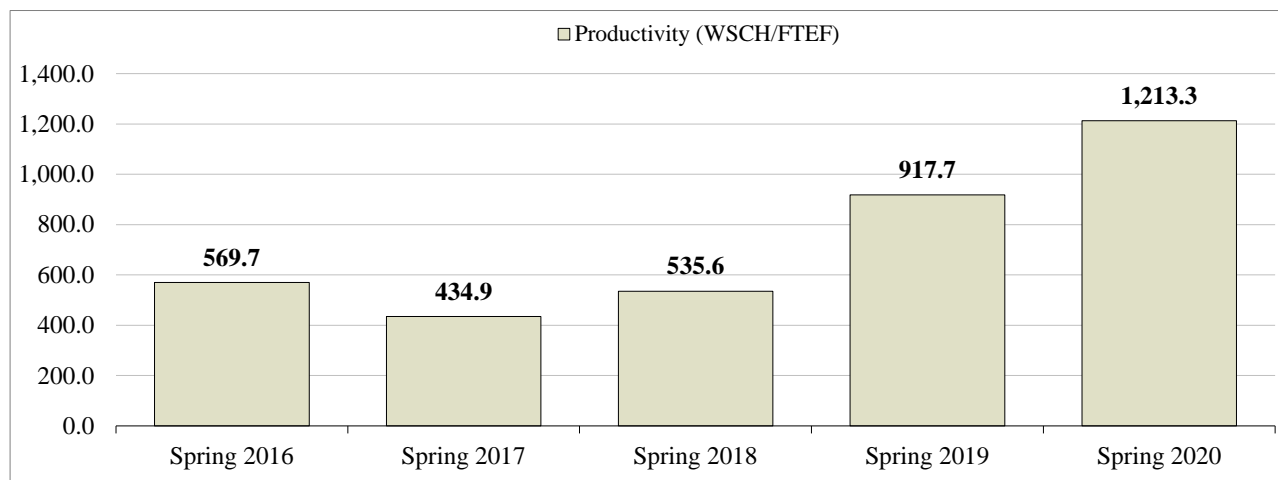
Definitions:

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 7/14/20.

Enrollment Management: Part 2

| Fire Service Technology (FST)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
FTEF from Full-Time Faculty	1.1	1.3	1.1	1.2	0.6
% FTEF from Full-Time Faculty	49%	58%	71%	63%	44%
Enrollments	337	252	239	265	266
Capacity (seats available)	382	396	308	383	324
Fill Rate	88%	64%	78%	69%	82%
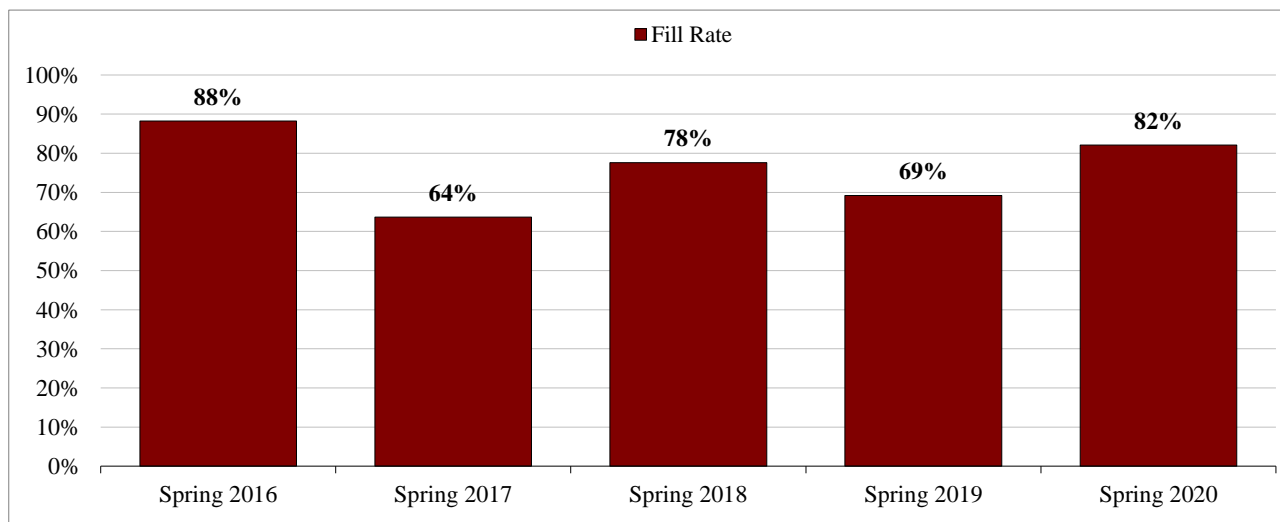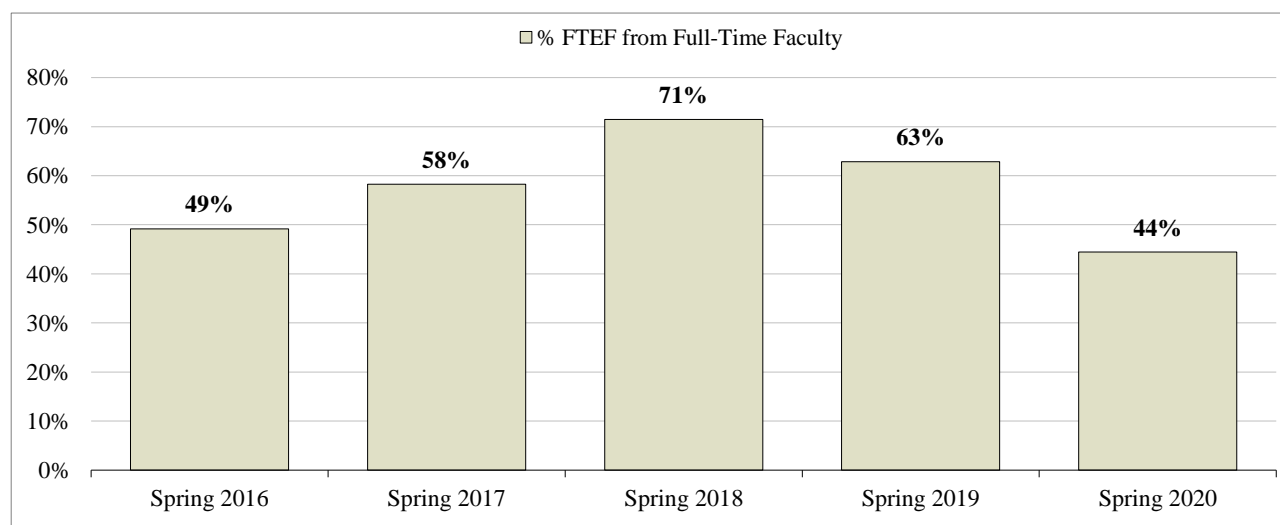
Definitions:

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.

College Readiness: English & Math Proficiency

Spring 2020				
	FST		**LPC Overall**	
	Num	**Pct**	**Num**	**Pct**
College English				
Completed College-level	72	47%	5,254	61%
Attempted College-level	8	5%	502	6%
Attempted Below College-level	8	5%	179	2%
No Attempt (with placement)	36	24%	1,175	14%
No Attempt (no placement)	28	18%	1,480	17%
College Math				
Completed College-level	61	40%	5,383	63%
Attempted College-level	3	2%	274	3%
Attempted Below College-level	18	12%	366	4%
No Attempt (with placement)	41	27%	1,134	13%
No Attempt (no placement)	29	19%	1,433	17%
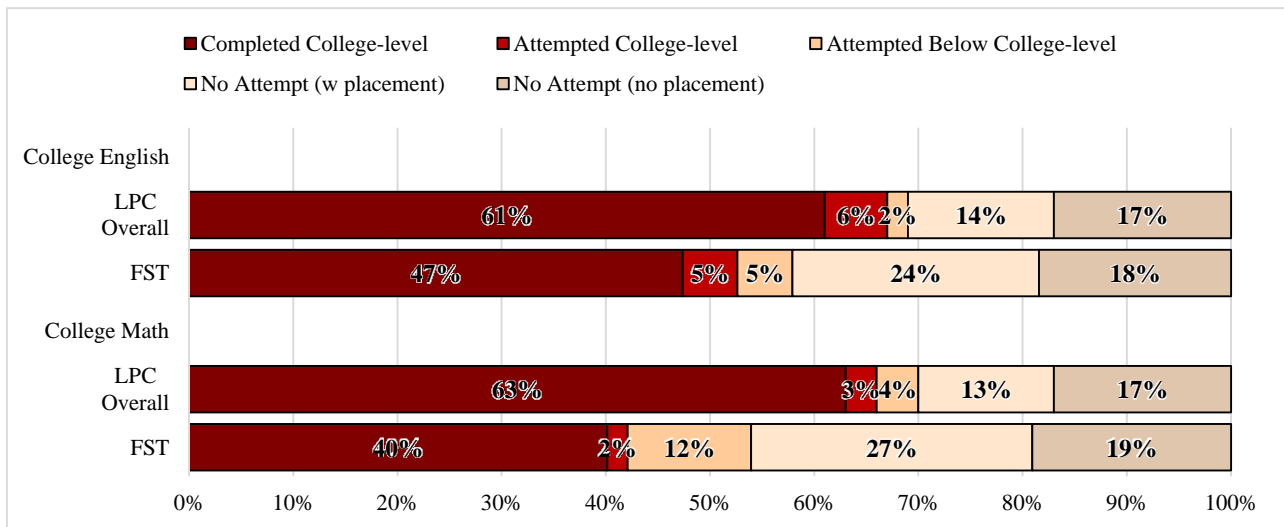
Definitions:

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 Attempt (w placement) = no previous English enrollments within the sequence but has used a placement tool.

No 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 Attempt (w placement) = no previous Math enrollments within the sequence but has used a placement tool.

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