



Las Positas College
Program Review Discipline Data Packet
Fall 2015 to Fall 2019

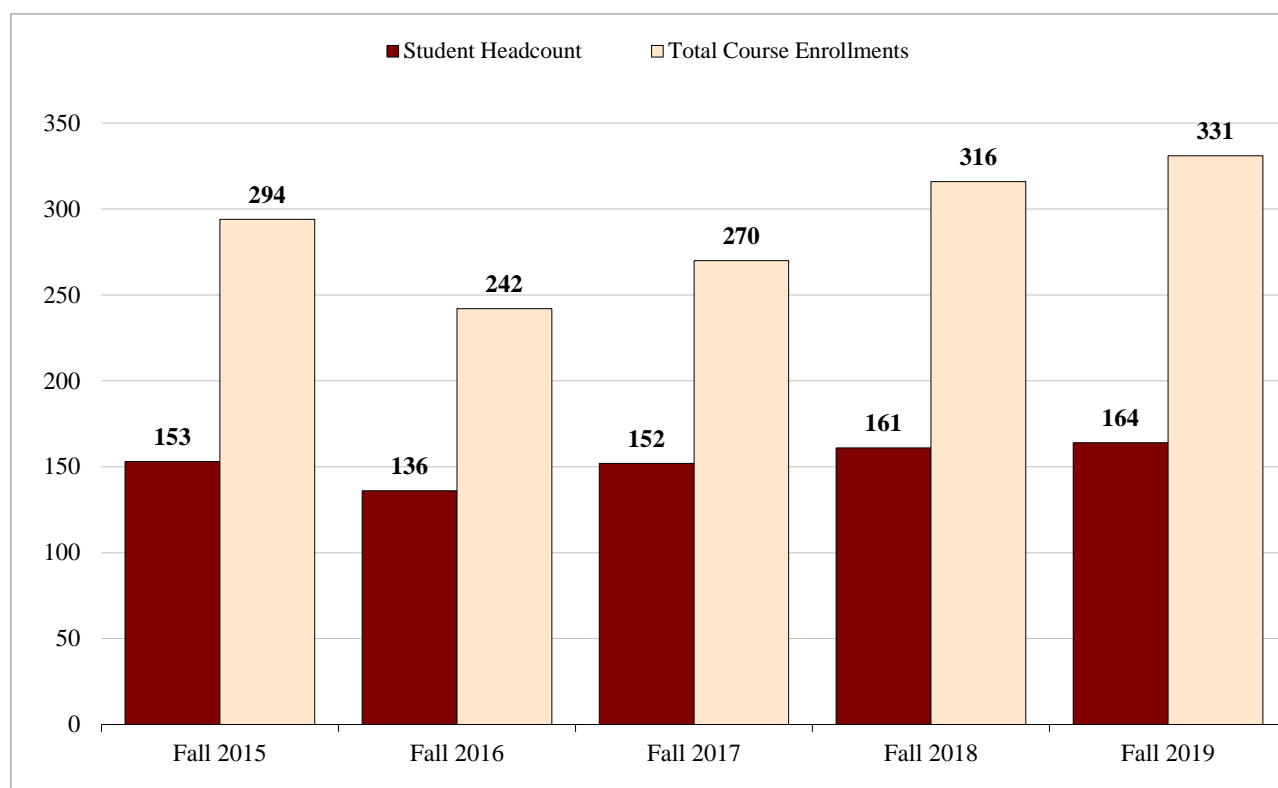
Discipline:
Fire Service Technology (FST)

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

Headcount & Enrollment

Fire Service Technology (FST)					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Student Headcount	153	136	152	161	164
Total Course Enrollments	294	242	270	316	331



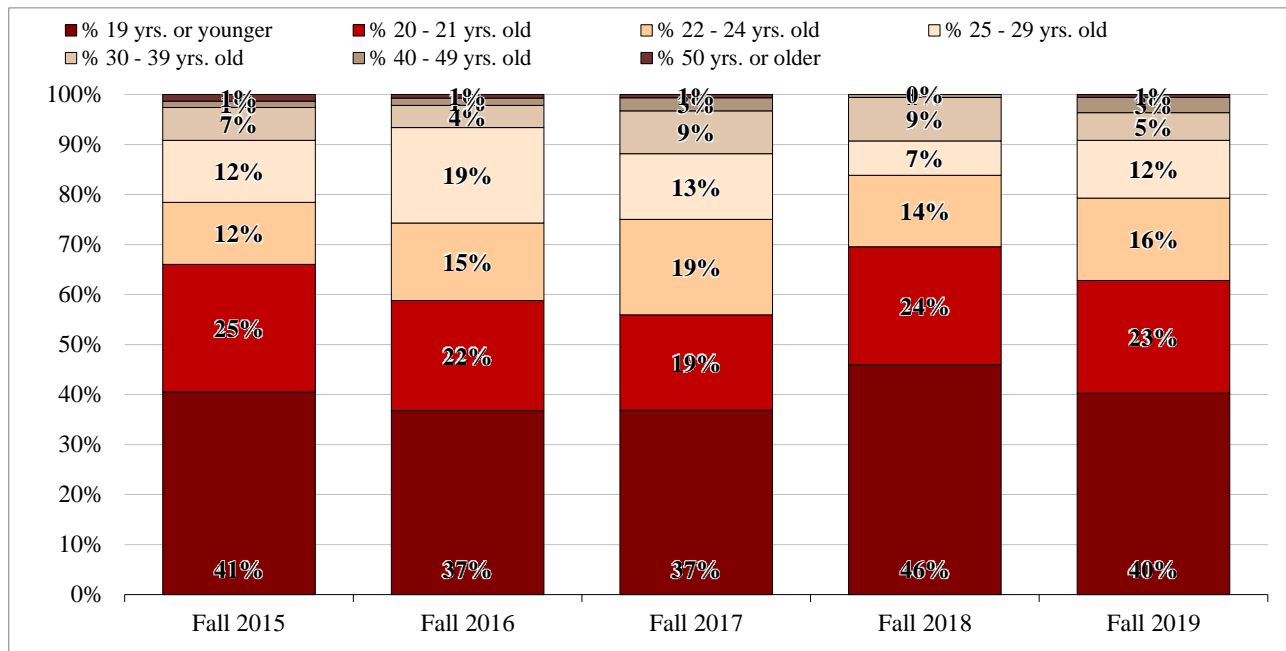
Definitions:

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.

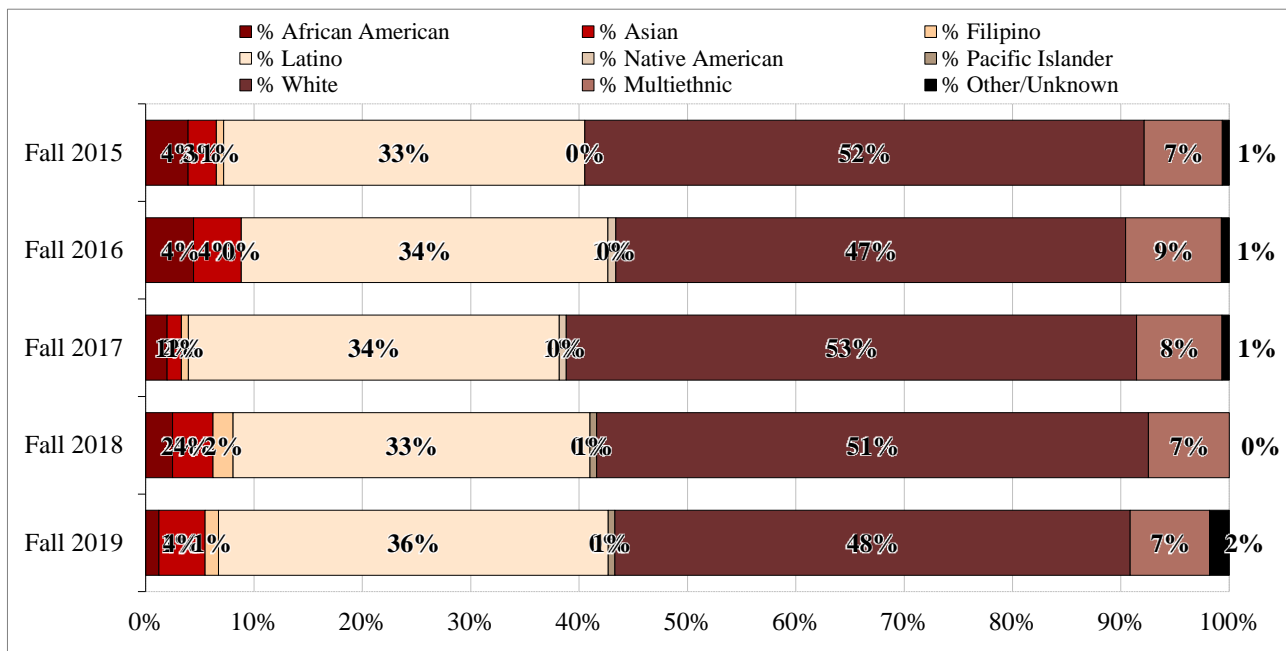
Student Demographics: Gender & Age

Fire Service Technology (FST)					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Female	10	19	20	17	16
Male	142	116	129	142	141
19 yrs. or younger	62	50	56	74	66
20-21 yrs. old	39	30	29	38	37
22-24 yrs. old	19	21	29	23	27
25-29 yrs. old	19	26	20	11	19
30-39 yrs. old	10	6	13	14	9
40-49 yrs. old	2	2	4	1	5
50 yrs. or older	2	1	1	0	1
% Female	7%	14%	13%	11%	10%
% Male	93%	86%	87%	89%	90%
% 19 yrs. or younger	41%	37%	37%	46%	40%
% 20 - 21 yrs. old	25%	22%	19%	24%	23%
% 22 - 24 yrs. old	12%	15%	19%	14%	16%
% 25 - 29 yrs. old	12%	19%	13%	7%	12%
% 30 - 39 yrs. old	7%	4%	9%	9%	5%
% 40 - 49 yrs. old	1%	1%	3%	1%	3%
% 50 yrs. or older	1%	1%	1%	0%	1%



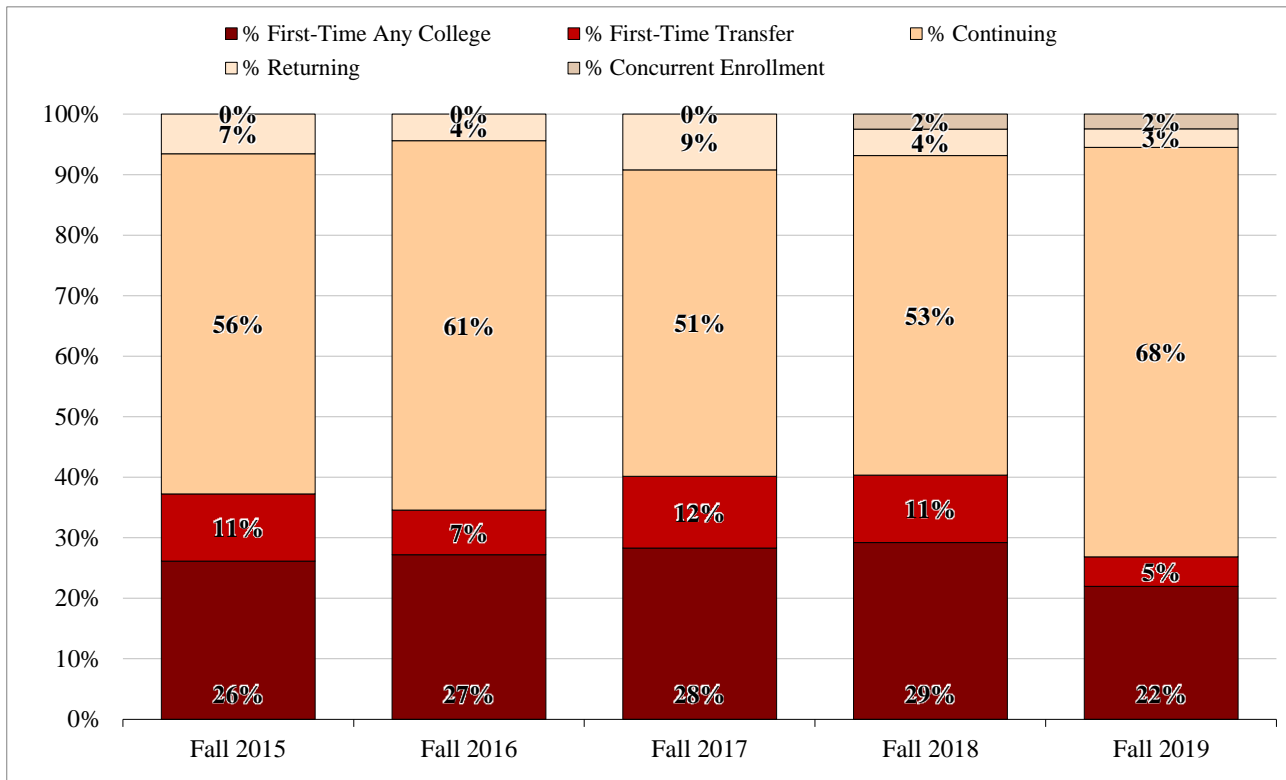
Student Demographic: Race-Ethnicity

Fire Service Technology (FST)					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
African American	6	6	3	4	2
Asian	4	6	2	6	7
Filipino	1	0	1	3	2
Latino	51	46	52	53	59
Native American	0	1	1	0	0
Pacific Islander	0	0	0	1	1
White	79	64	80	82	78
Multiethnic	11	12	12	12	12
Other/Unknown	1	1	1	0	3
% African American	4%	4%	2%	2%	1%
% Asian	3%	4%	1%	4%	4%
% Filipino	1%	0%	1%	2%	1%
% Latino	33%	34%	34%	33%	36%
% Native American	0%	1%	1%	0%	0%
% Pacific Islander	0%	0%	0%	1%	1%
% White	52%	47%	53%	51%	48%
% Multiethnic	7%	9%	8%	7%	7%
% Other/Unknown	1%	1%	1%	0%	2%



Student Enrollment Status

Fire Service Technology (FST)					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
First-Time Any College	40	37	43	47	36
First-Time Transfer	17	10	18	18	8
Continuing	86	83	77	85	111
Returning	10	6	14	7	5
Concurrent Enrollment	0	0	0	4	4
% First-Time Any College	26%	27%	28%	29%	22%
% First-Time Transfer	11%	7%	12%	11%	5%
% Continuing	56%	61%	51%	53%	68%
% Returning	7%	4%	9%	4%	3%
% Concurrent Enrollment	0%	0%	0%	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.

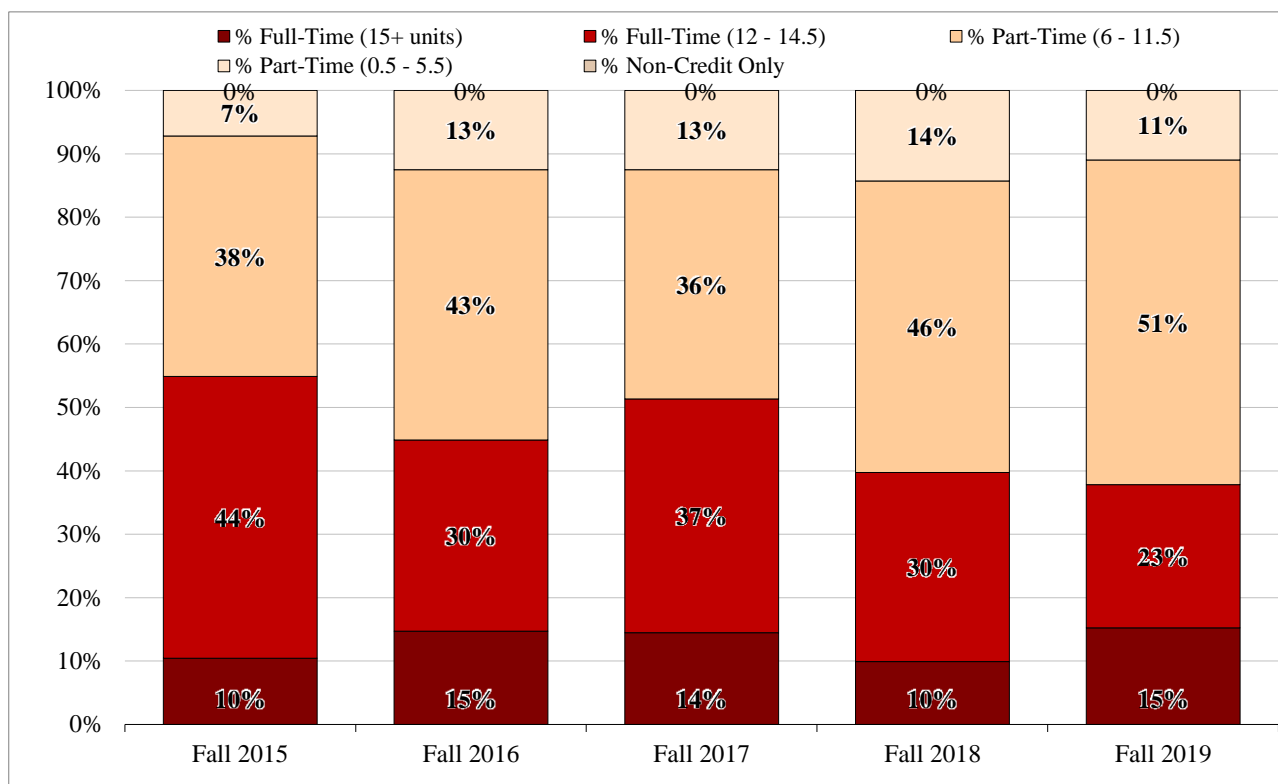
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

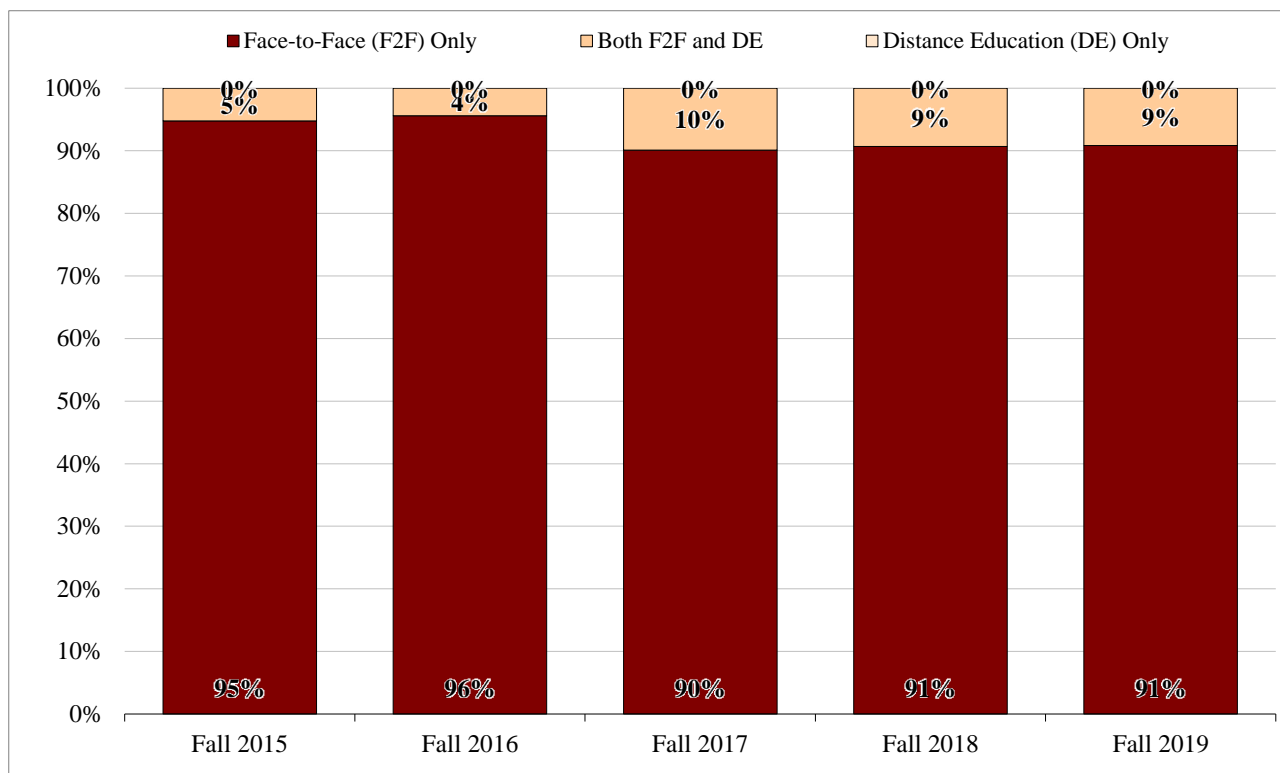
Student Unit Load

Fire Service Technology (FST)					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Full-Time (15+ units)	16	20	22	16	25
Full-Time (12 - 14.5)	68	41	56	48	37
Part-Time (6 - 11.5)	58	58	55	74	84
Part-Time (0.5 - 5.5)	11	17	19	23	18
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	10%	15%	14%	10%	15%
% Full-Time (12 - 14.5)	44%	30%	37%	30%	23%
% Part-Time (6 - 11.5)	38%	43%	36%	46%	51%
% Part-Time (0.5 - 5.5)	7%	13%	13%	14%	11%
% 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 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Face-to-Face (F2F) Only	145	130	137	146	149
Both F2F and DE	8	6	15	15	15
Distance Education (DE) Only	0	0	0	0	0
% Face-to-Face (F2F) Only	95%	96%	90%	91%	91%
% Both F2F and DE	5%	4%	10%	9%	9%
% Distance Education (DE) Only	0%	0%	0%	0%	0%

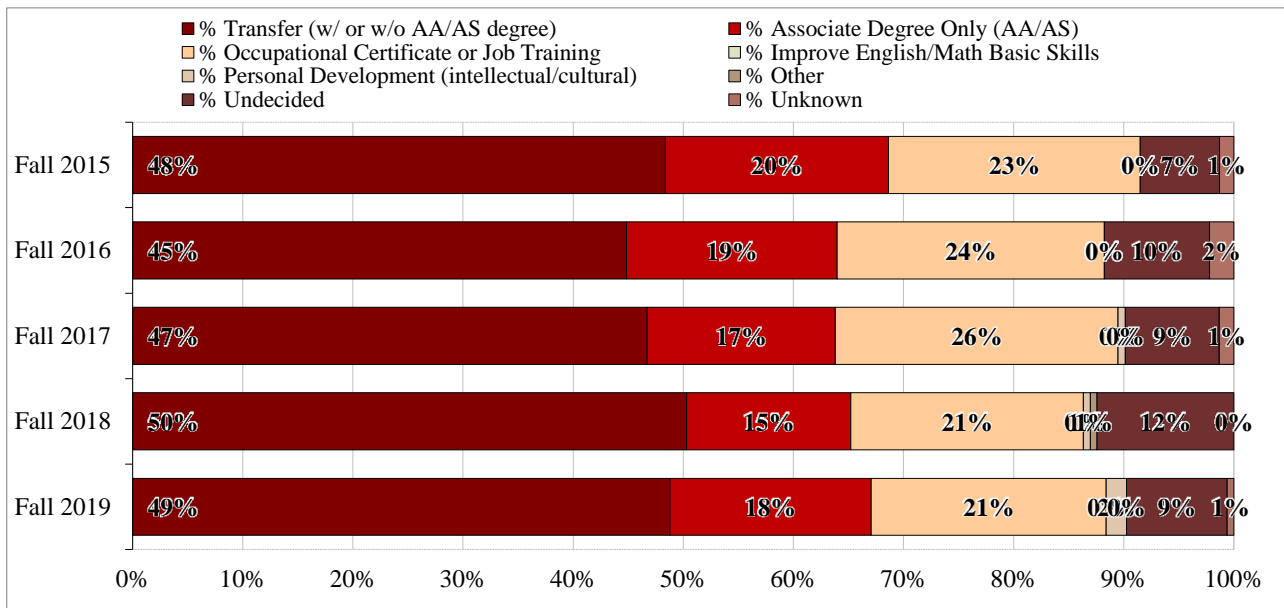


Definitions:

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

Student Educational Goal

Fire Service Technology (FST)					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Transfer (w/ or w/o AA/AS degree)	74	61	71	81	80
Associate Degree Only (AA/AS)	31	26	26	24	30
Occupational Certificate or Job Training	35	33	39	34	35
Improve English/Math Basic Skills	0	0	0	0	0
Personal Development (intellectual/cultural)	0	0	1	1	3
Other	0	0	0	1	0
Undecided	11	13	13	20	15
Unknown	2	3	2	0	1
% Transfer (w/ or w/o AA/AS degree)	48%	45%	47%	50%	49%
% Associate Degree Only (AA/AS)	20%	19%	17%	15%	18%
% Occupational Certificate or Job Training	23%	24%	26%	21%	21%
% Improve English/Math Basic Skills	0%	0%	0%	0%	0%
% Personal Development (intellectual/cultural)	0%	0%	1%	1%	2%
% Other	0%	0%	0%	1%	0%
% Undecided	7%	10%	9%	12%	9%
% Unknown	1%	2%	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.

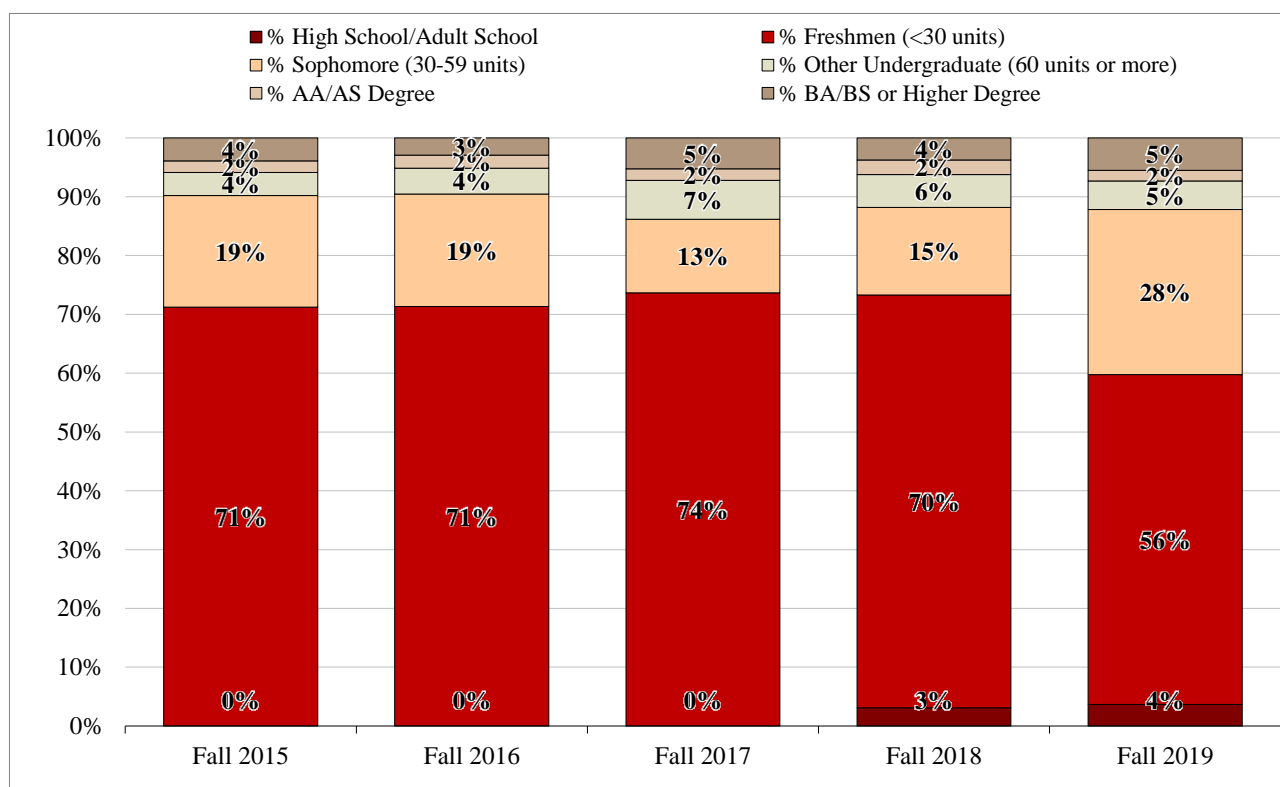
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

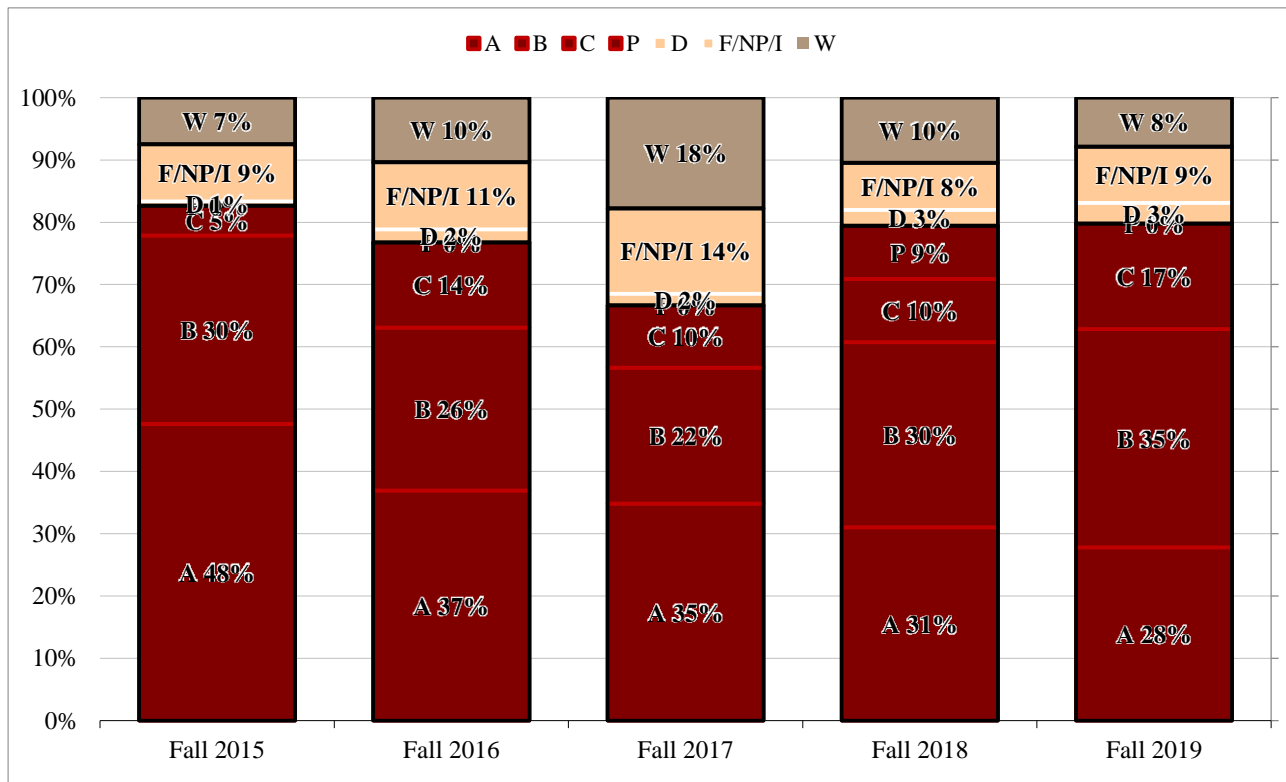
Highest Educational Level of Students

Fire Service Technology (FST)					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
High School/Adult School	0	0	0	5	6
Freshmen (<30 units)	109	97	112	113	92
Sophomore (30-59 units)	29	26	19	24	46
Other Undergraduate (60 units or more)	6	6	10	9	8
AA/AS Degree	3	3	3	4	3
BA/BS or Higher Degree	6	4	8	6	9
% High School/Adult School	0%	0%	0%	3%	4%
% Freshmen (<30 units)	71%	71%	74%	70%	56%
% Sophomore (30-59 units)	19%	19%	13%	15%	28%
% Other Undergraduate (60 units or more)	4%	4%	7%	6%	5%
% AA/AS Degree	2%	2%	2%	2%	2%
% BA/BS or Higher Degree	4%	3%	5%	4%	5%



Student Performance: Grade Distribution

Fire Service Technology (FST)					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Total Course Enrollments	294	242	270	316	331
Course Success Rates	83%	77%	67%	79%	80%
A	48%	37%	35%	31%	28%
B	30%	26%	22%	30%	35%
C	5%	14%	10%	10%	17%
P	0%	0%	0%	9%	0%
Course Non-Success Rate	10%	13%	16%	10%	12%
D	1%	2%	2%	3%	3%
F/NP/I	9%	11%	14%	8%	9%
Withdrawals (W)	7%	10%	18%	10%	8%



Definitions:

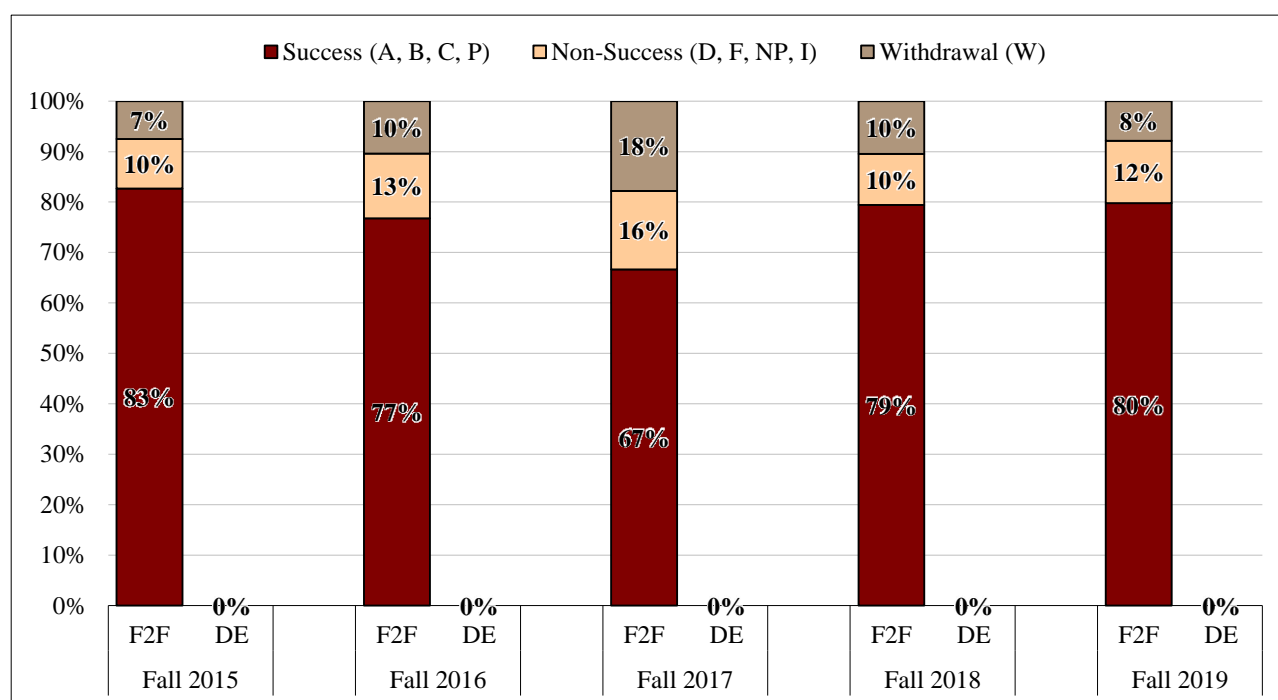
Course Success Rate is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

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				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Total Course Enrollments	294	242	270	316	331
Face-to-Face (F2F) Sections	294	242	270	316	331
Success Rates	83%	77%	67%	79%	80%
Non-Success Rates	10%	13%	16%	10%	12%
Withdrawals	7%	10%	18%	10%	8%
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.

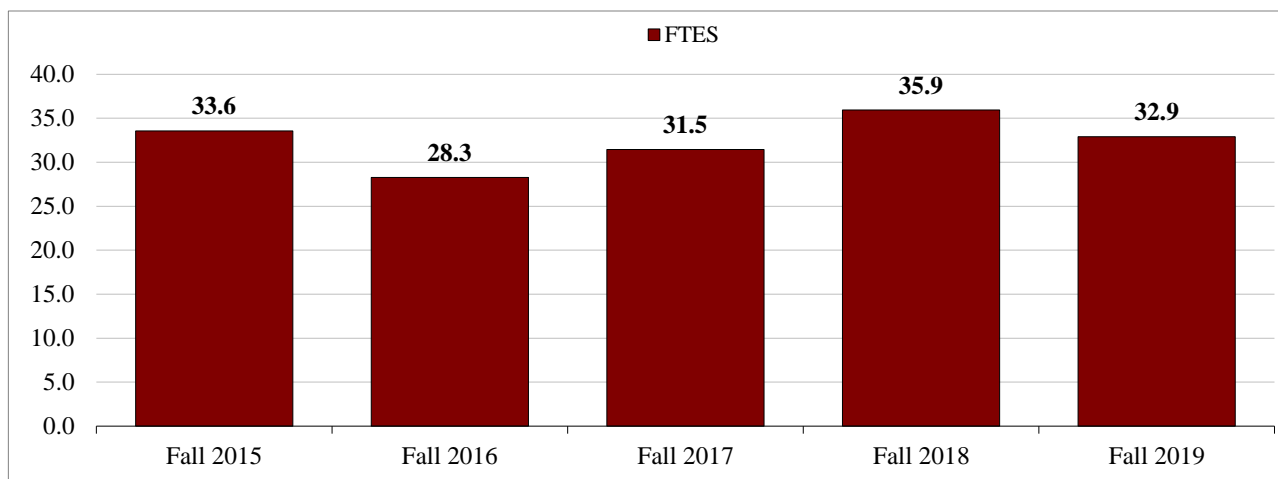
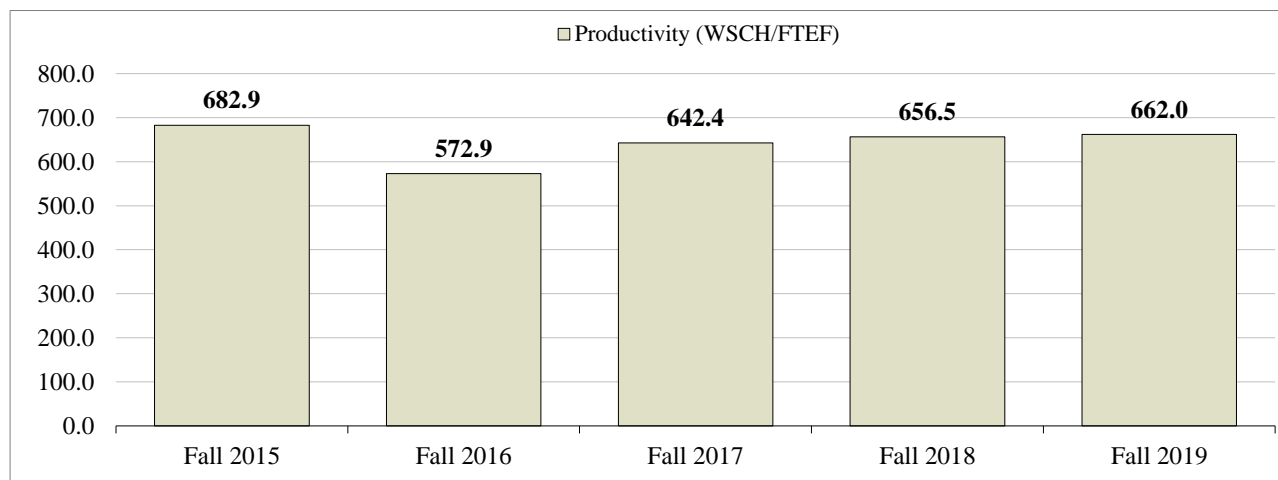
Course Non-Success Rate is the percentage of students receiving a grade of ('D', 'F', 'NP or 'T') relative to all students receiving a grade.

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				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
WSCH	1,012	849	952	1,078	993
FTES	33.6	28.3	31.5	35.9	32.9
FTEF	1.5	1.5	1.5	1.6	1.5
Productivity (WSCH/FTEF)	682.9	572.9	642.4	656.5	662.0



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.

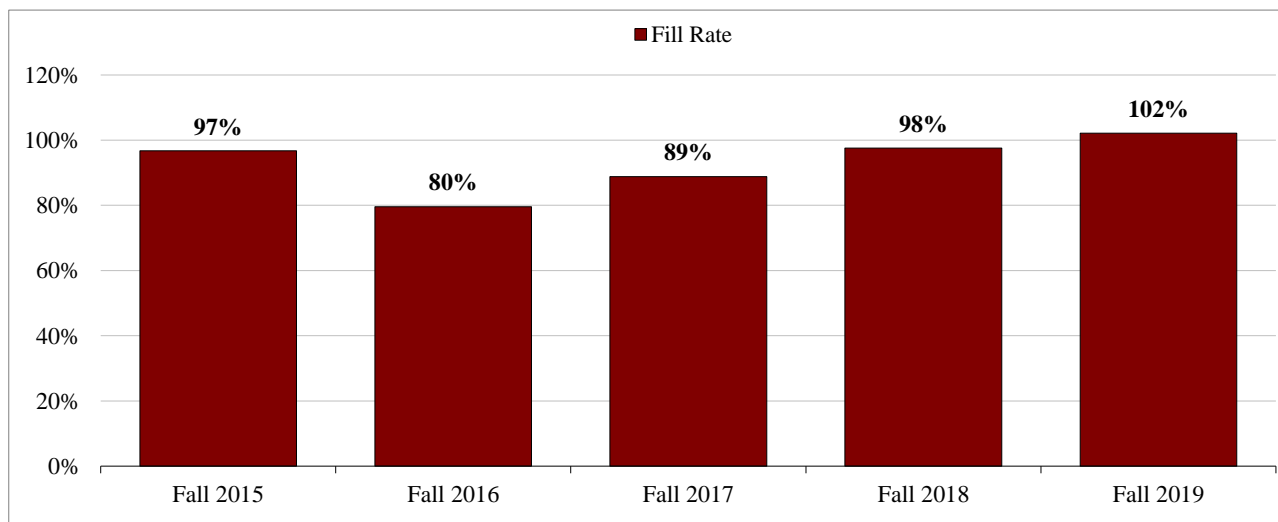
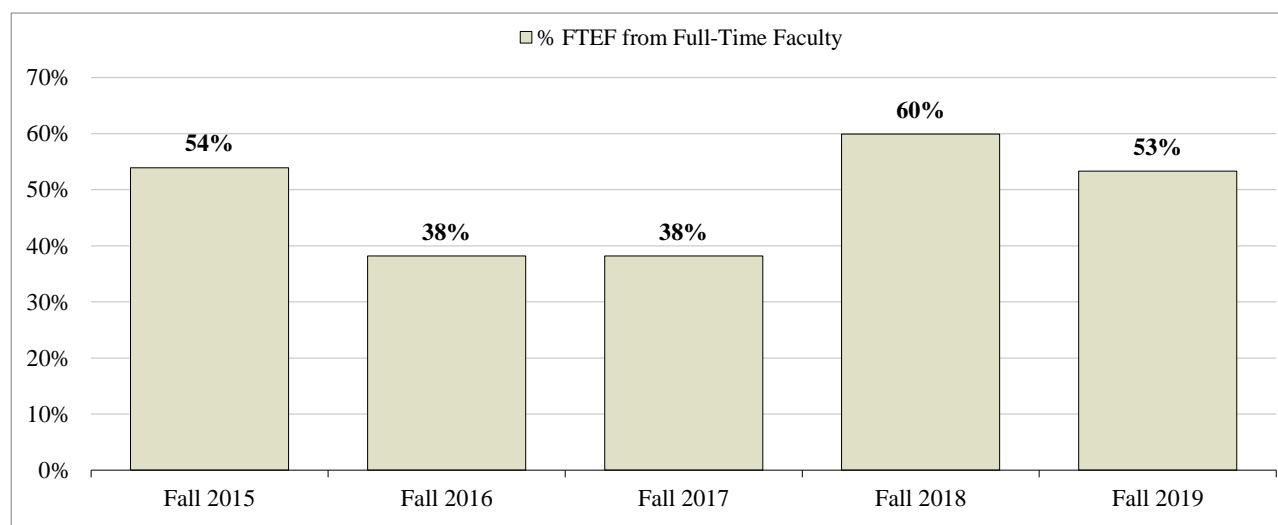
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
FTEF from Full-Time Faculty	0.8	0.6	0.6	1.0	0.8
% FTEF from Full-Time Faculty	54%	38%	38%	60%	53%
Enrollments	294	242	270	316	331
Capacity (seats available)	304	304	304	324	324
Fill Rate	97%	80%	89%	98%	102%



Definitions:

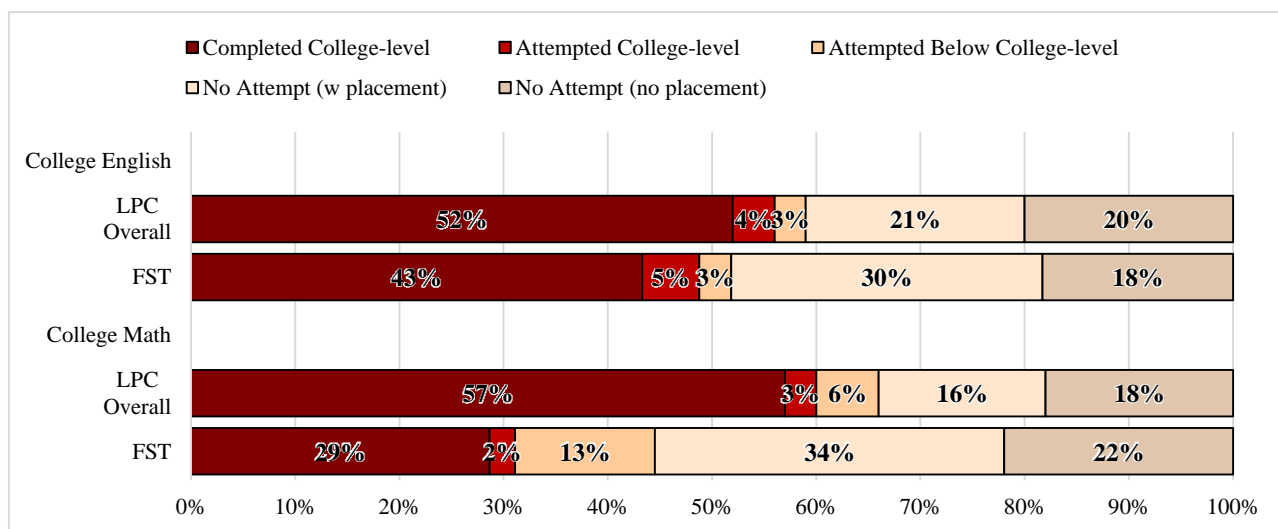
Fill Rate is number of enrollments over the total capacity (seats available).

% 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

Fall 2019				
	FST		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	71	43%	4,712	52%
Attempted College-level	9	5%	393	4%
Attempted Below College-level	5	3%	261	3%
No Attempt (with placement)	49	30%	1,887	21%
No Attempt (no placement)	30	18%	1,811	20%
College Math				
Completed College-level	47	29%	5,193	57%
Attempted College-level	4	2%	302	3%
Attempted Below College-level	22	13%	538	6%
No Attempt (with placement)	55	34%	1,405	16%
No Attempt (no placement)	36	22%	1,623	18%



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

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