Las Positas College

Discipline Program Review Data Packet
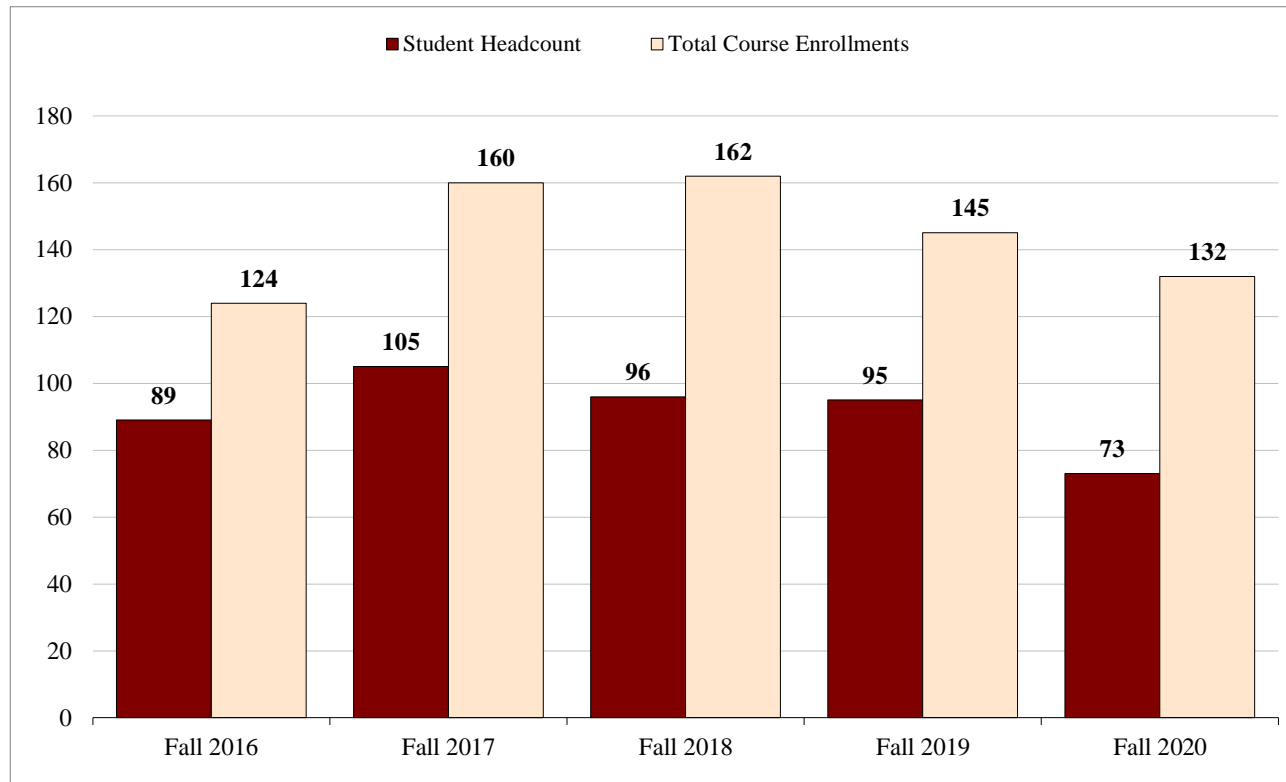
Fall 2016 to Fall 2020

Discipline:

Automotive Technology (includes Non-Credit)

(AUTO/NAUT)

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

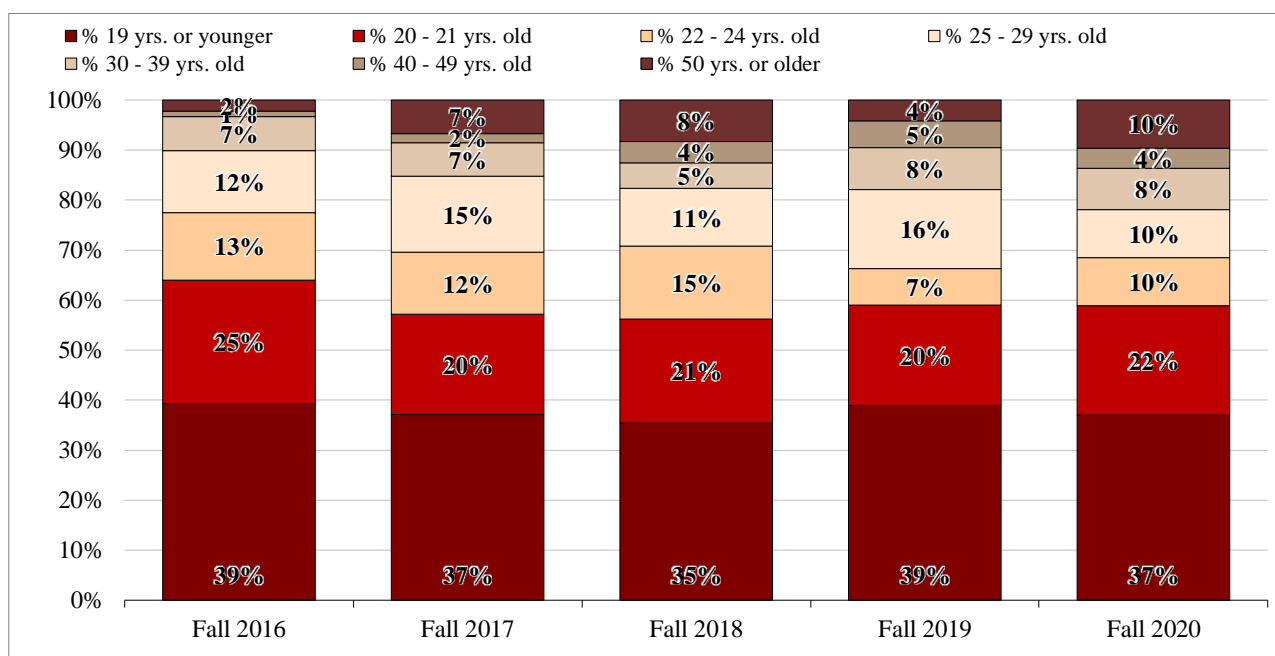| Automotive Technology (includes Non-Credit) (AUTO/NAUT)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Student Headcount	89	105	96	95	73
Total Course Enrollments	124	160	162	145	132

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.
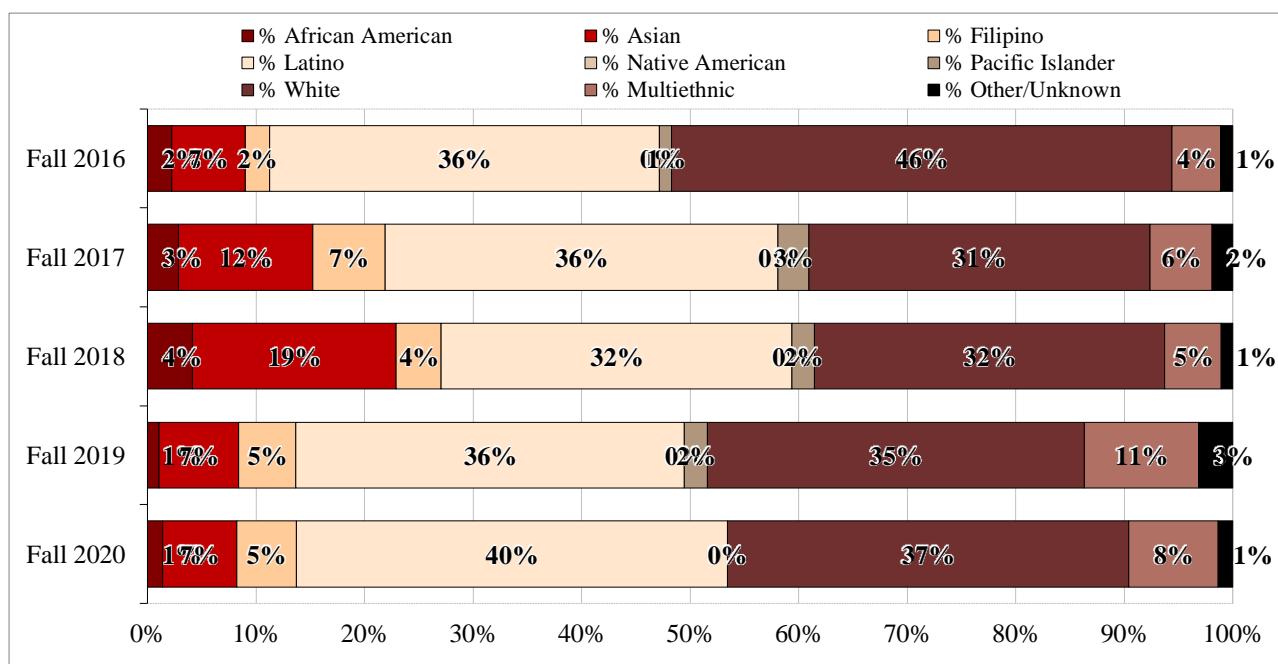
Student Demographics: Gender & Age

Automotive Technology (includes Non-Credit) (AUTO/NAUT)					
	Term				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
Female	1	2	4	8	1
Male	88	102	90	85	71
19 yrs. or younger	35	39	34	37	27
20-21 yrs. old	22	21	20	19	16
22-24 yrs. old	12	13	14	7	7
25-29 yrs. old	11	16	11	15	7
30-39 yrs. old	6	7	5	8	6
40-49 yrs. old	1	2	4	5	3
50 yrs. or older	2	7	8	4	7
% Female	1%	2%	4%	9%	1%
% Male	99%	98%	96%	91%	99%
% 19 yrs. or younger	39%	37%	35%	39%	37%
% 20 - 21 yrs. old	25%	20%	21%	20%	22%
% 22 - 24 yrs. old	13%	12%	15%	7%	10%
% 25 - 29 yrs. old	12%	15%	11%	16%	10%
% 30 - 39 yrs. old	7%	7%	5%	8%	8%
% 40 - 49 yrs. old	1%	2%	4%	5%	4%
% 50 yrs. or older	2%	7%	8%	4%	10%

Student Demographic: Race-Ethnicity

Automotive Technology (includes Non-Credit) (AUTO/NAUT)					
	Term				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
African American	2	3	4	1	1
Asian	6	13	18	7	5
Filipino	2	7	4	5	4
Latino	32	38	31	34	29
Native American	0	0	0	0	0
Pacific Islander	1	3	2	2	0
White	41	33	31	33	27
Multiethnic	4	6	5	10	6
Other/Unknown	1	2	1	3	1
% African American	2%	3%	4%	1%	1%
% Asian	7%	12%	19%	7%	7%
% Filipino	2%	7%	4%	5%	5%
% Latino	36%	36%	32%	36%	40%
% Native American	0%	0%	0%	0%	0%
% Pacific Islander	1%	3%	2%	2%	0%
% White	46%	31%	32%	35%	37%
% Multiethnic	4%	6%	5%	11%	8%
% Other/Unknown	1%	2%	1%	3%	1%

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Student Enrollment Status

Automotive Technology (includes Non-Credit) (AUTO/NAUT)					
	Term				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
First-Time Any College	20	30	18	19	14
First-Time Transfer	7	8	6	8	5
Continuing	58	60	65	63	48
Returning	2	6	5	4	4
Concurrent Enrollment	2	1	2	1	2
% First-Time Any College	22%	29%	19%	20%	19%
% First-Time Transfer	8%	8%	6%	8%	7%
% Continuing	65%	57%	68%	66%	66%
% Returning	2%	6%	5%	4%	5%
% Concurrent Enrollment	2%	1%	2%	1%	3%
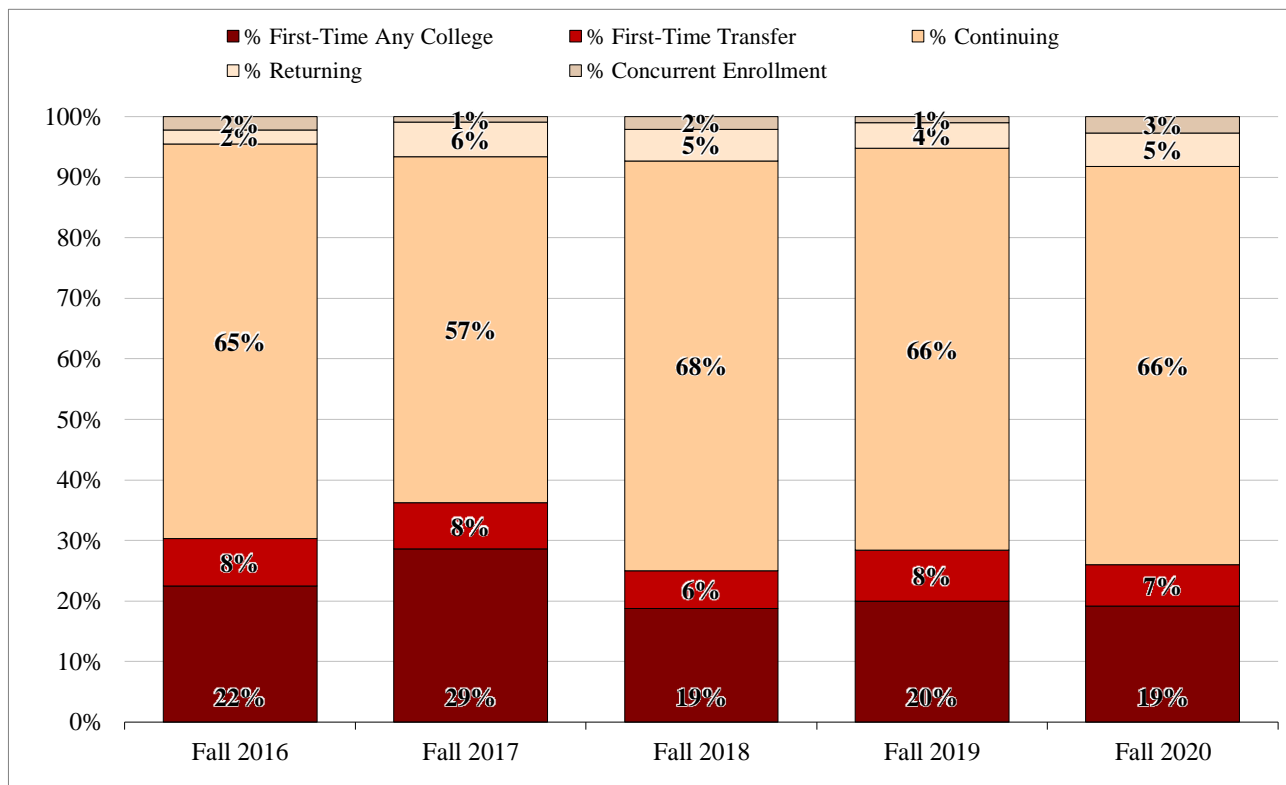
Definitions:

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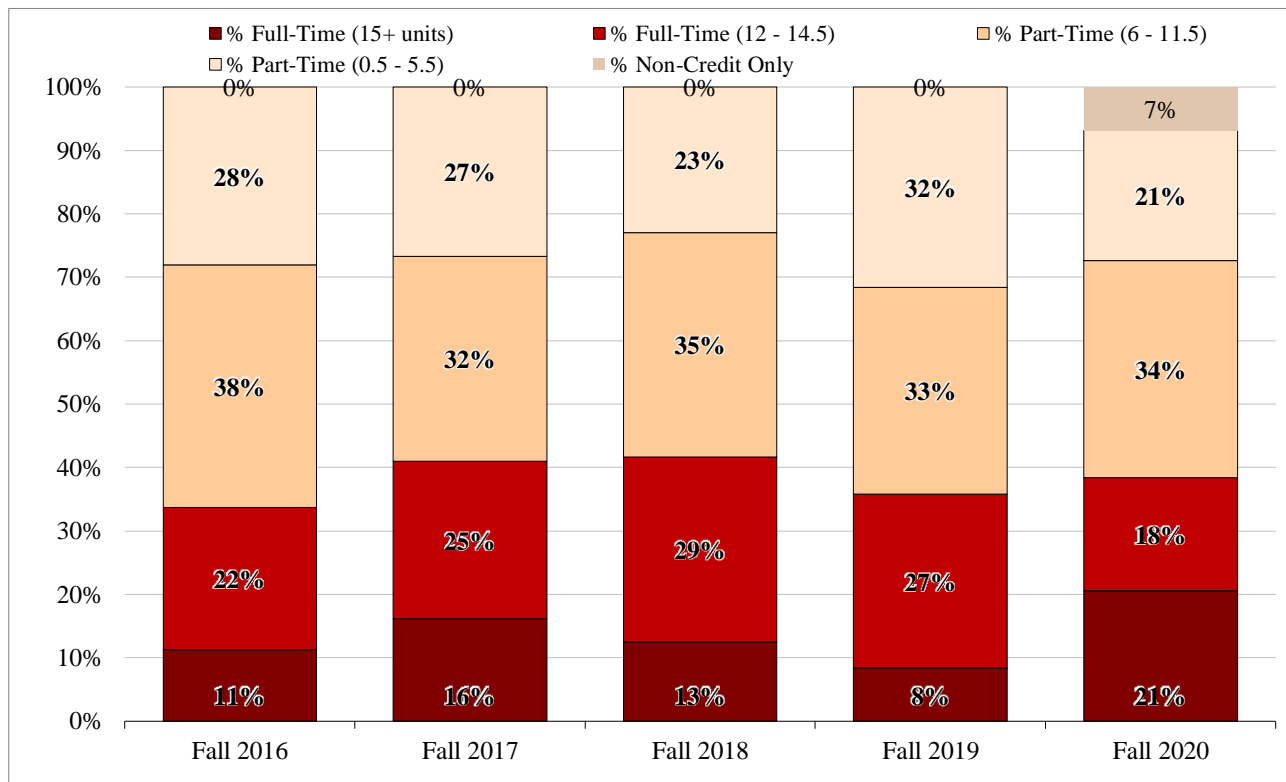
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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

Automotive Technology (includes Non-Credit) (AUTO/NAUT)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Full-Time (15+ units)	10	17	12	8	15
Full-Time (12 - 14.5)	20	26	28	26	13
Part-Time (6 - 11.5)	34	34	34	31	25
Part-Time (0.5 - 5.5)	25	28	22	30	15
Non-Credit Only	0	0	0	0	5
% Full-Time (15+ units)	11%	16%	13%	8%	21%
% Full-Time (12 - 14.5)	22%	25%	29%	27%	18%
% Part-Time (6 - 11.5)	38%	32%	35%	33%	34%
% Part-Time (0.5 - 5.5)	28%	27%	23%	32%	21%
% Non-Credit Only	0%	0%	0%	0%	7%

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Students Using Distance Education

| Automotive Technology (includes Non-Credit) (AUTO/NAUT)					
	Term				
(Categories reflect college-wide coursework)	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Face-to-Face (F2F) Only	81	97	89	86	20
Both F2F and DE	8	8	7	9	46
Distance Education (DE) Only	0	0	0	0	7
% Face-to-Face (F2F) Only	91%	92%	93%	91%	27%
% Both F2F and DE	9%	8%	7%	9%	63%
% Distance Education (DE) Only	0%	0%	0%	0%	10%
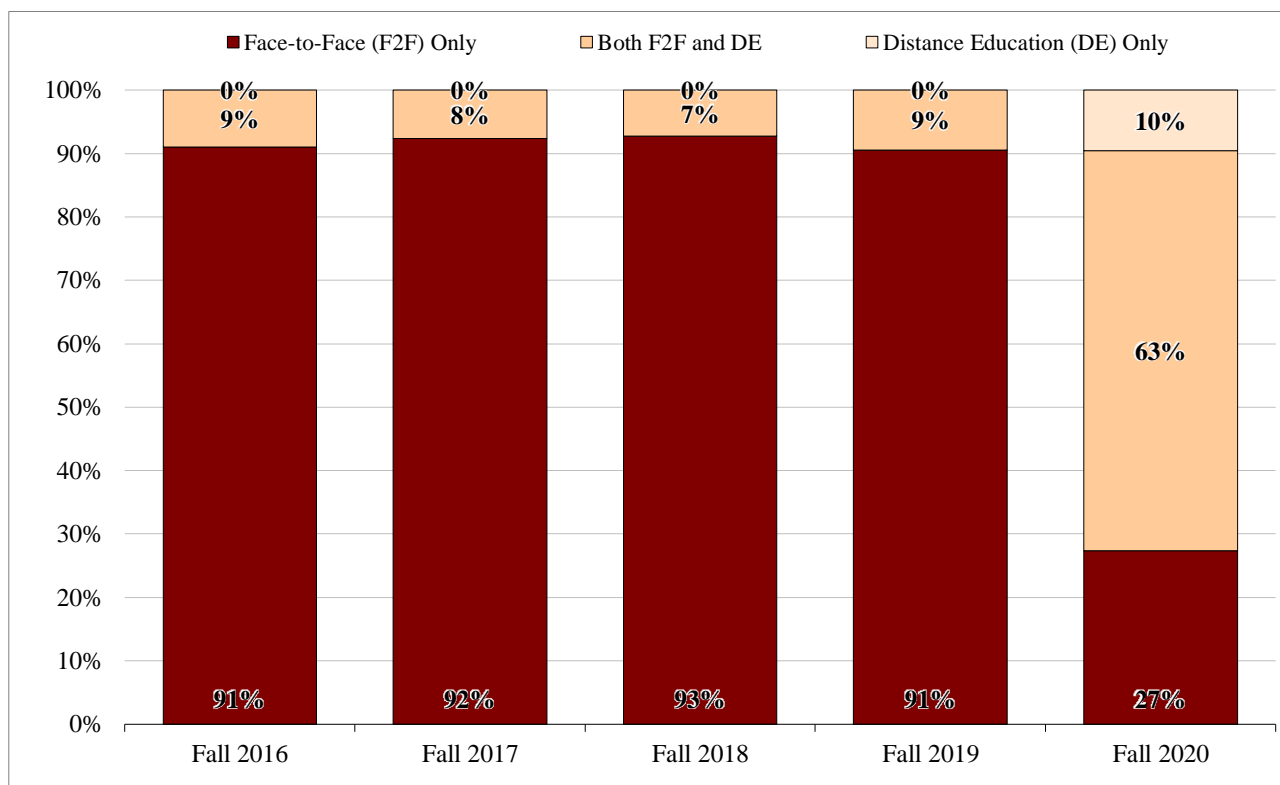
Definitions:

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

Automotive Technology (includes Non-Credit) (AUTO/NAUT)					
	Term				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
Transfer (w/ or w/o AA/AS degree)	36	46	33	35	28
Associate Degree Only (AA/AS)	13	5	8	6	8
Occupational Certificate or Job Training	24	27	29	28	21
Improve English/Math Basic Skills	1	3	3	2	2
Personal Development (intellectual/cultural)	1	3	4	4	1
Other	1	1	1	2	3
Undecided	13	19	18	17	10
Unknown	0	1	0	1	0
% Transfer (w/ or w/o AA/AS degree)	40%	44%	34%	37%	38%
% Associate Degree Only (AA/AS)	15%	5%	8%	6%	11%
% Occupational Certificate or Job Training	27%	26%	30%	29%	29%
% Improve English/Math Basic Skills	1%	3%	3%	2%	3%
% Personal Development (intellectual/cultural)	1%	3%	4%	4%	1%
% Other	1%	1%	1%	2%	4%
% Undecided	15%	18%	19%	18%	14%
% Unknown	0%	1%	0%	1%	0%
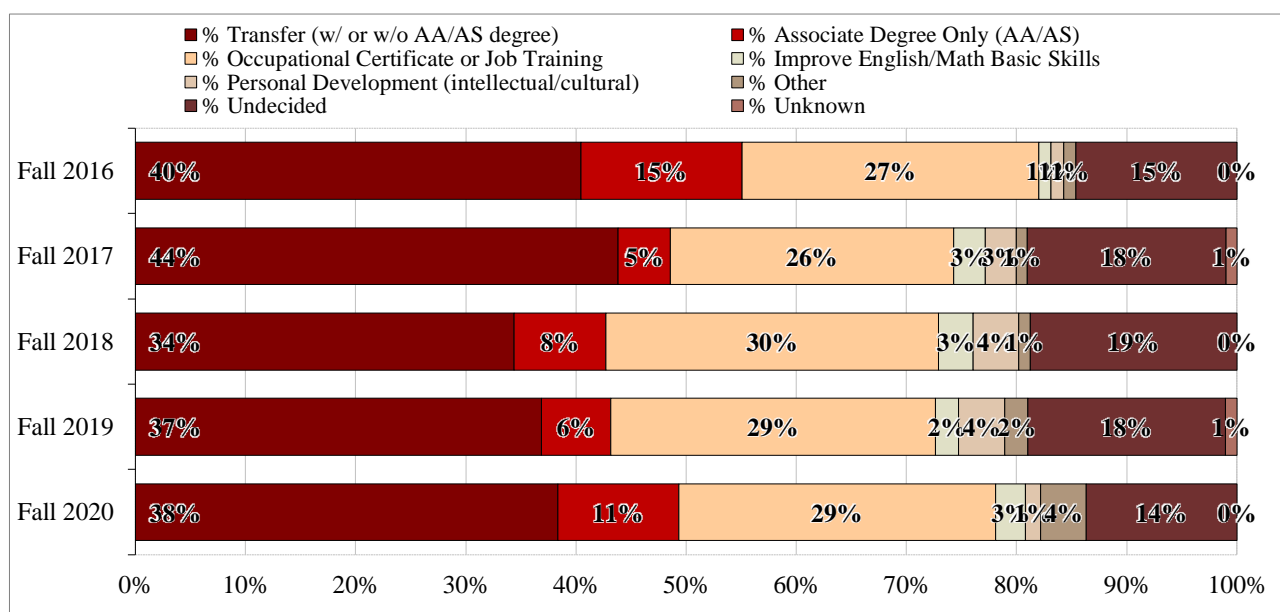
Definitions:

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

Automotive Technology (includes Non-Credit) (AUTO/NAUT)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
High School/Adult School	2	2	3	2	3
Freshmen (<30 units)	52	69	58	58	41
Sophomore (30-59 units)	22	17	14	18	13
Other Undergraduate (60 units or more)	5	6	12	10	9
AA/AS Degree	3	3	3	1	2
BA/BS or Higher Degree	5	8	6	6	5
% High School/Adult School	2%	2%	3%	2%	4%
% Freshmen (<30 units)	58%	66%	60%	61%	56%
% Sophomore (30-59 units)	25%	16%	15%	19%	18%
% Other Undergraduate (60 units or more)	6%	6%	13%	11%	12%
% AA/AS Degree	3%	3%	3%	1%	3%
% BA/BS or Higher Degree	6%	8%	6%	6%	7%
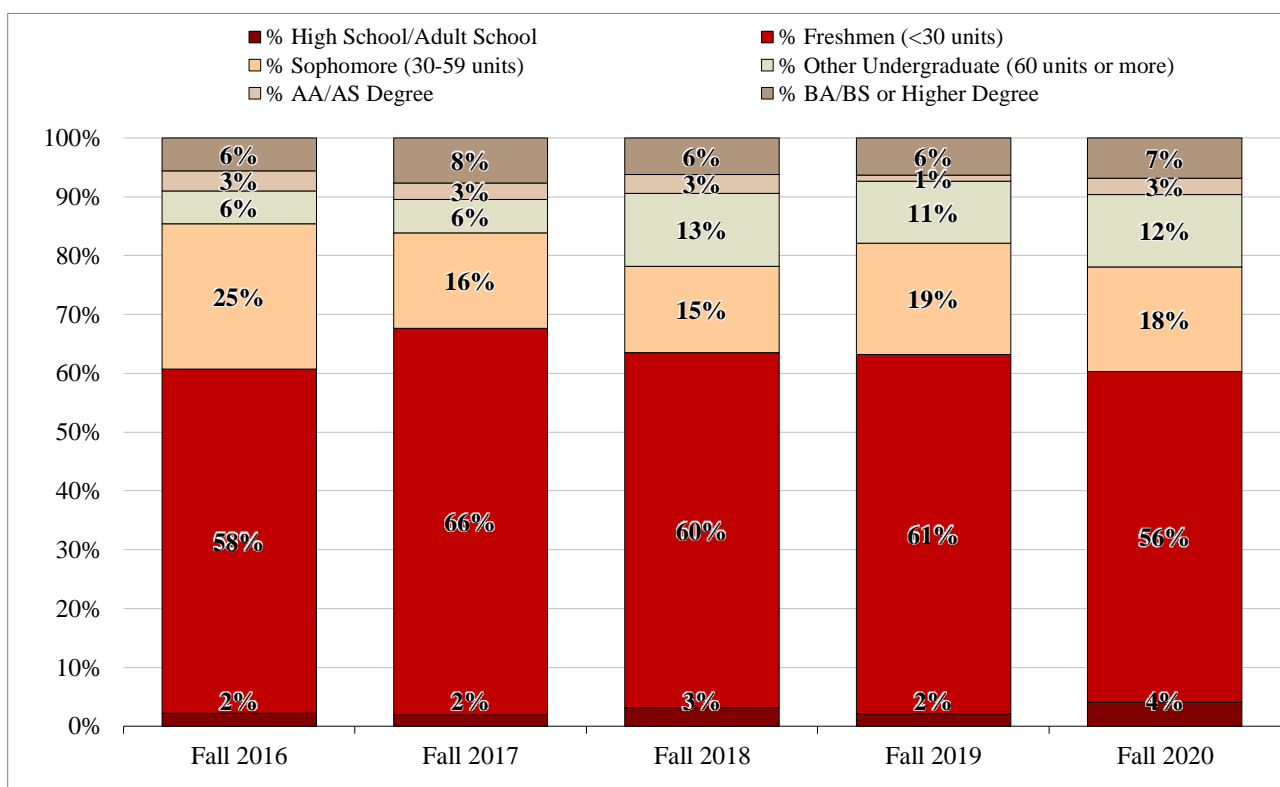
Student Performance: Grade Distribution

| Automotive Technology (includes Non-Credit) (AUTO/NAUT)					
	Term				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
Total Course Enrollments	**124**	**160**	**162**	**145**	**132**
Course Success Rates	**68%**	**83%**	**77%**	**71%**	**84%**
A	35%	49%	48%	41%	45%
B	25%	21%	13%	18%	25%
C	6%	13%	16%	11%	13%
P	2%	1%	0%	1%	2%
Course Non-Success Rate	**18%**	**12%**	**11%**	**22%**	**1%**
D	6%	6%	1%	2%	1%
F*	11%	6%	10%	20%	0%
Withdrawals (See Note)	**15%**	**5%**	**12%**	**7%**	**15%**
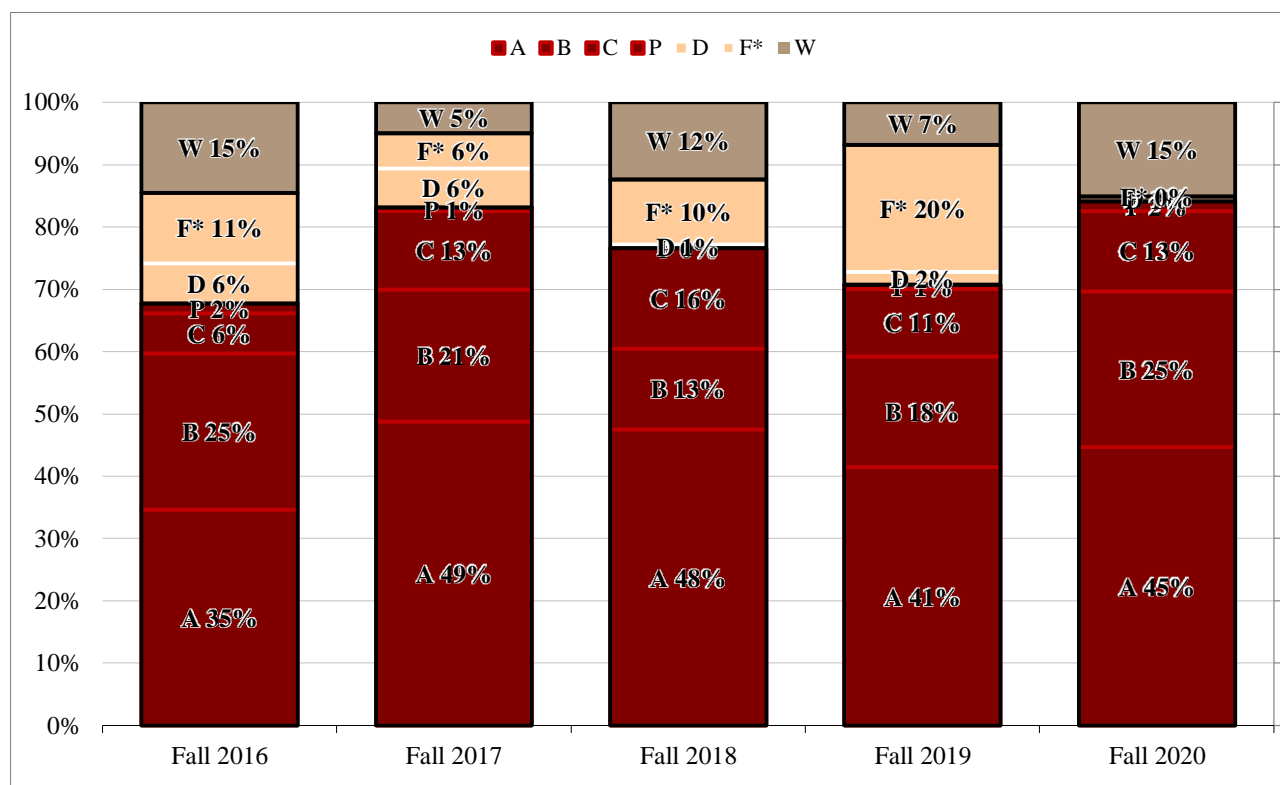
Definitions:

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' 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

Automotive Technology (includes Non-Credit) (AUTO/NAUT)					
	Term				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
Total Course Enrollments	124	160	162	145	132
Face-to-Face (F2F) Sections	124	160	162	145	109
Success Rates	68%	83%	77%	71%	83%
Non-Success Rates	18%	12%	11%	22%	0%
Withdrawals	15%	5%	12%	7%	17%
Distance Education (DE) Sections	0	0	0	0	23
Success Rates	—	—	—	—	87%
Non-Success Rates	—	—	—	—	4%
Withdrawals	—	—	—	—	9%
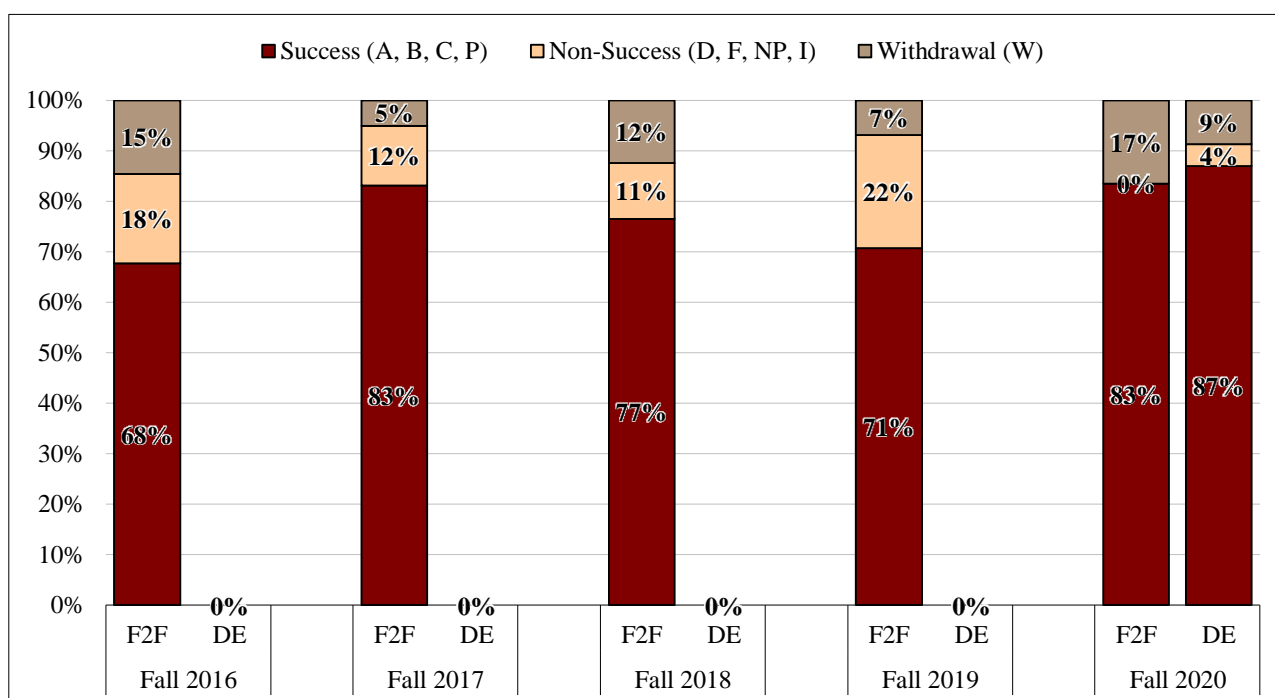
Definitions:

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', '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.

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

Automotive Technology (includes Non-Credit) (AUTO/NAUT)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
WSCH	970	1,225	1,205	1,062	1,007
FTES	31.3	38.8	37.8	34.2	32.8
FTEF	2.1	3.0	2.7	2.9	2.9
Productivity (WSCH/FTEF)	455.0	406.2	441.1	361.2	342.5
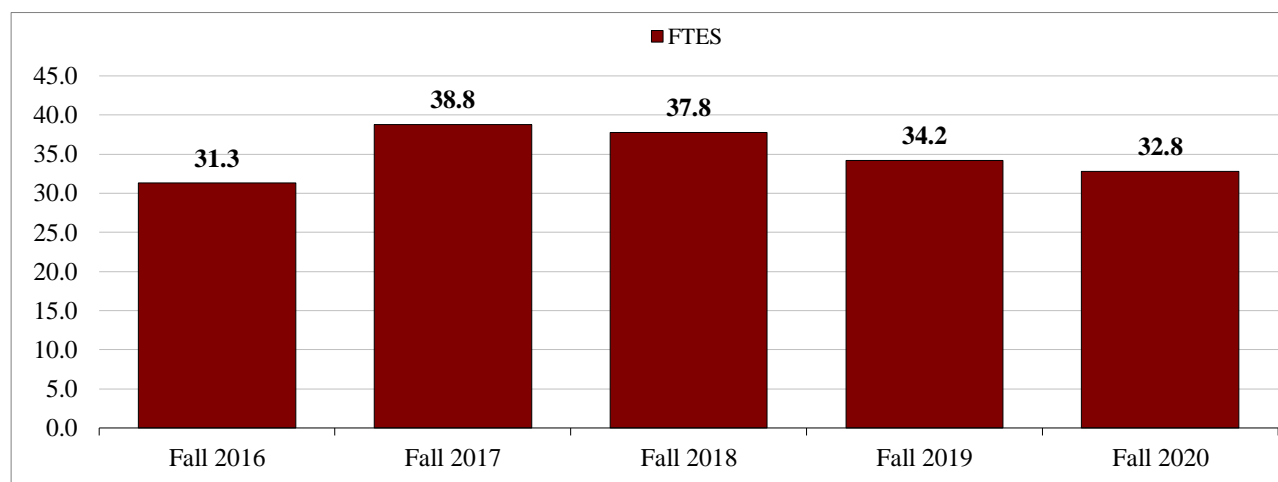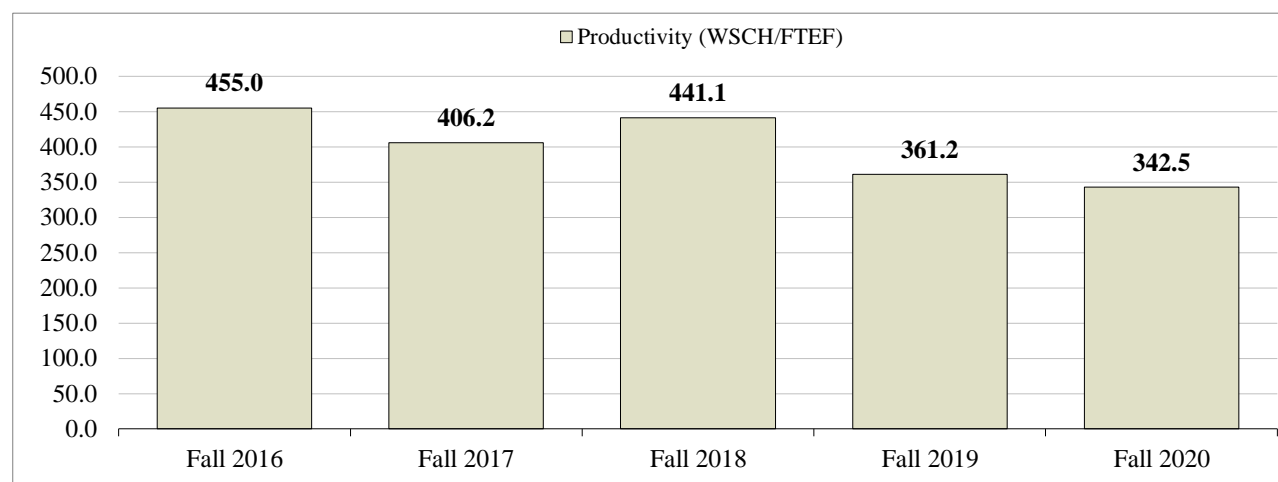
Definitions:

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

| Automotive Technology (includes Non-Credit) (AUTO/NAUT)					
	Term				
	Fall 2016	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**
FTEF from Full-Time Faculty	1.0	1.7	1.4	0.9	0.8
% FTEF from Full-Time Faculty	46%	55%	53%	32%	27%
Enrollments	124	160	162	145	132
Capacity (seats available)	144	168	168	168	140
Fill Rate	86%	95%	96%	86%	94%
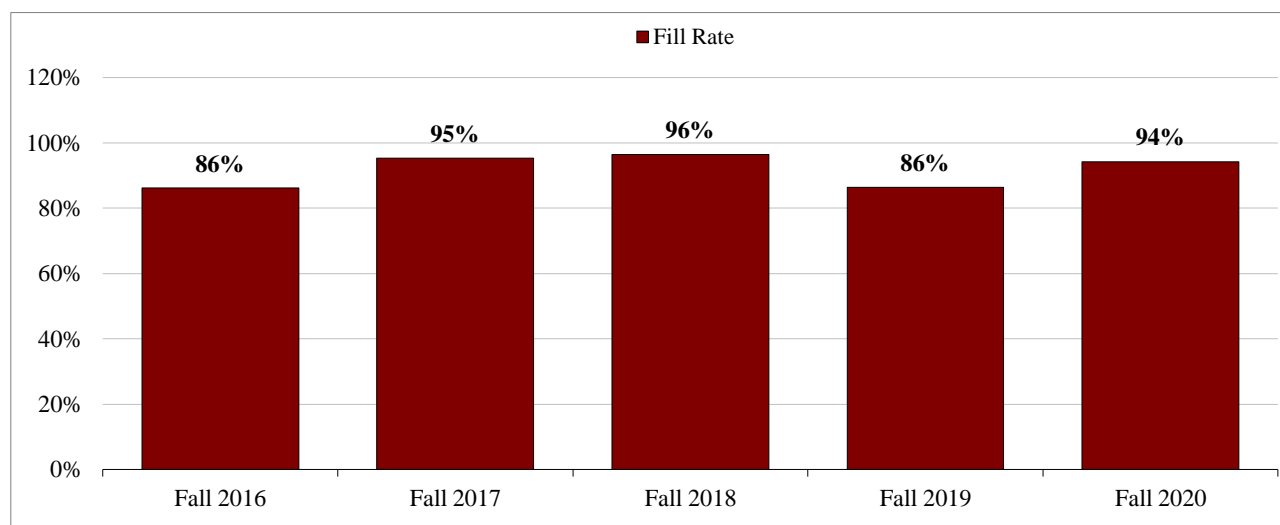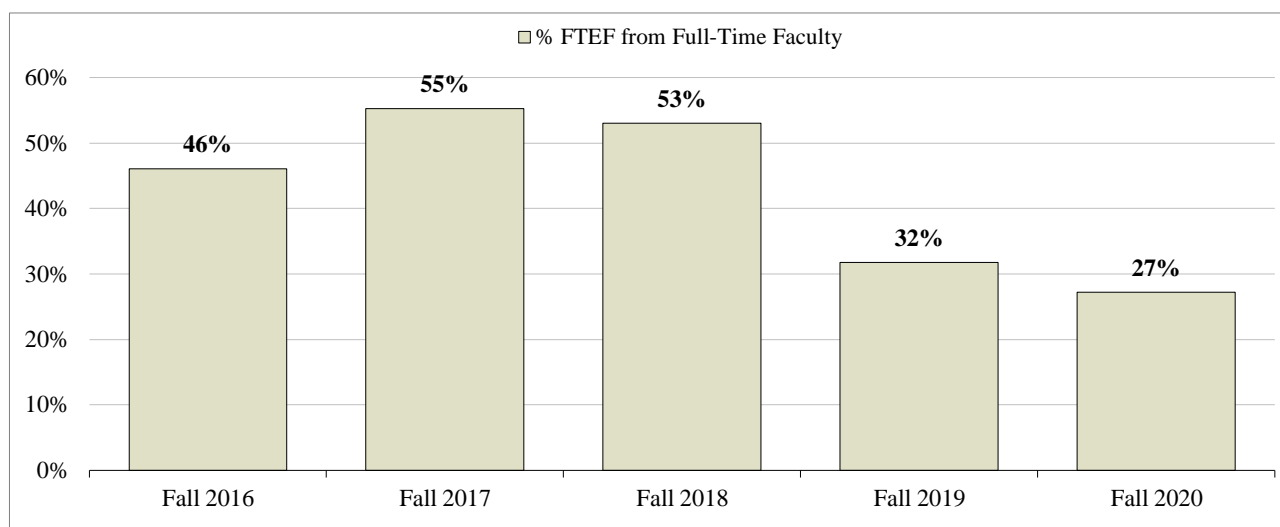
Definitions:

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				
	AUTO/NAUT		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	25	34%	4,353	52%
Attempted College-level	5	7%	438	5%
Attempted Below College-level	1	1%	86	1%
No Prior Attempt (has placement)	27	37%	1,974	24%
No Prior Attempt (no placement)	15	21%	1,489	18%
College Math				
Completed College-level	23	32%	4,972	60%
Attempted College-level	3	4%	199	2%
Attempted Below College-level	3	4%	261	3%
No Prior Attempt (has placement)	26	36%	1,555	19%
No Prior Attempt (no placement)	18	25%	1,353	16%
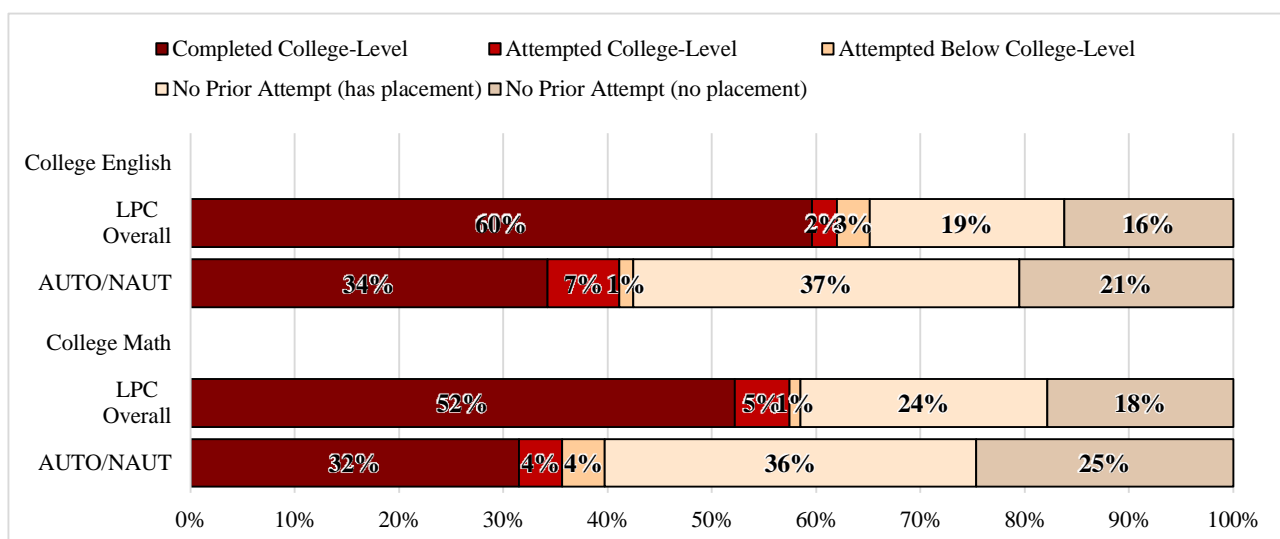
Definitions:

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