Las Positas College

Discipline Program Review Data Packet

Fall 2017 to Fall 2021
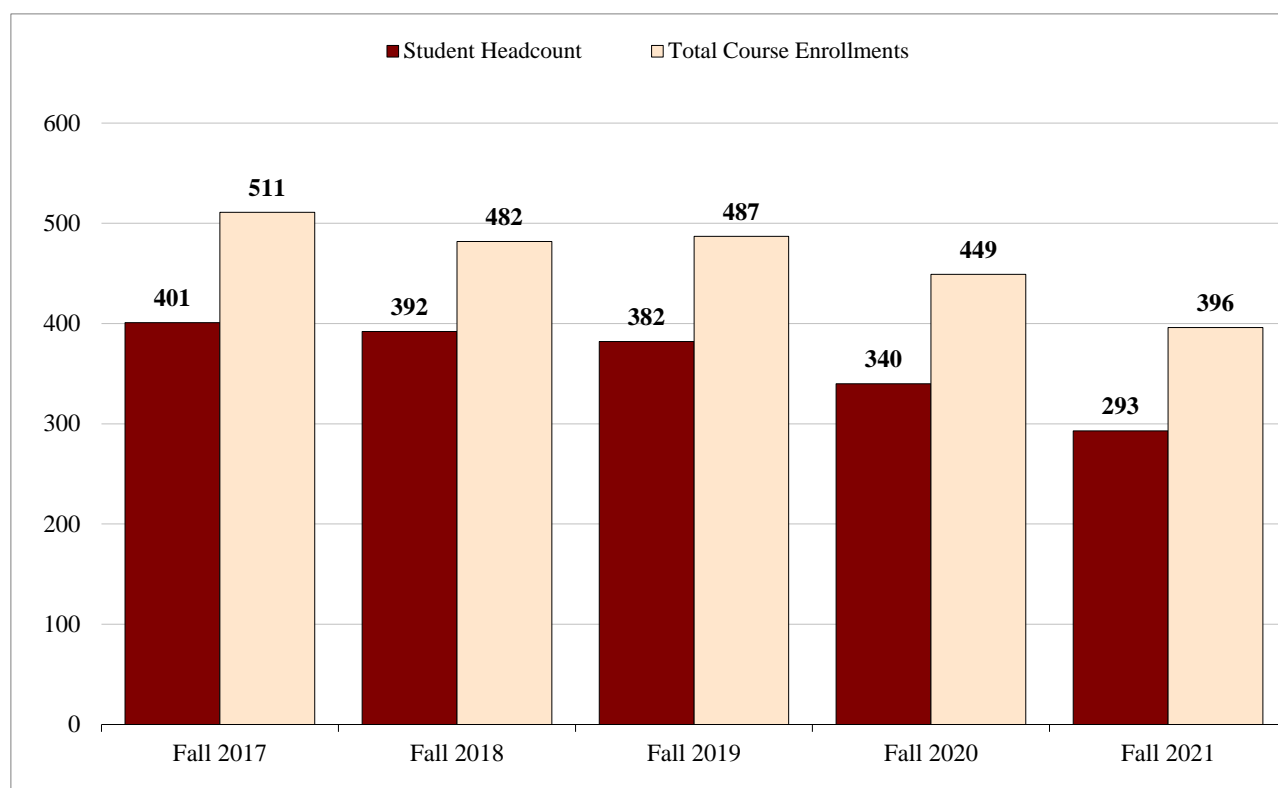
<u>Discipline</u>:

Computer Information Systems (CIS)

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Headcount & Enrollment

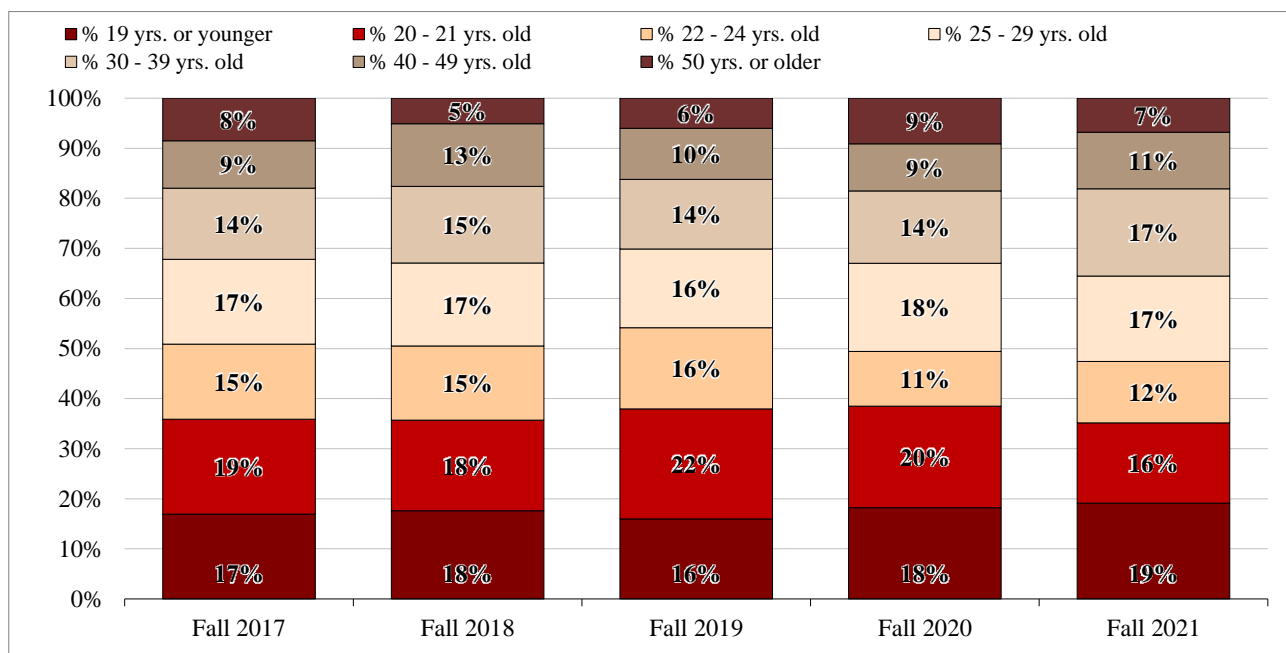| Computer Information Systems (CIS)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
Student Headcount	401	392	382	340	293
Total Course Enrollments	511	482	487	449	396

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.
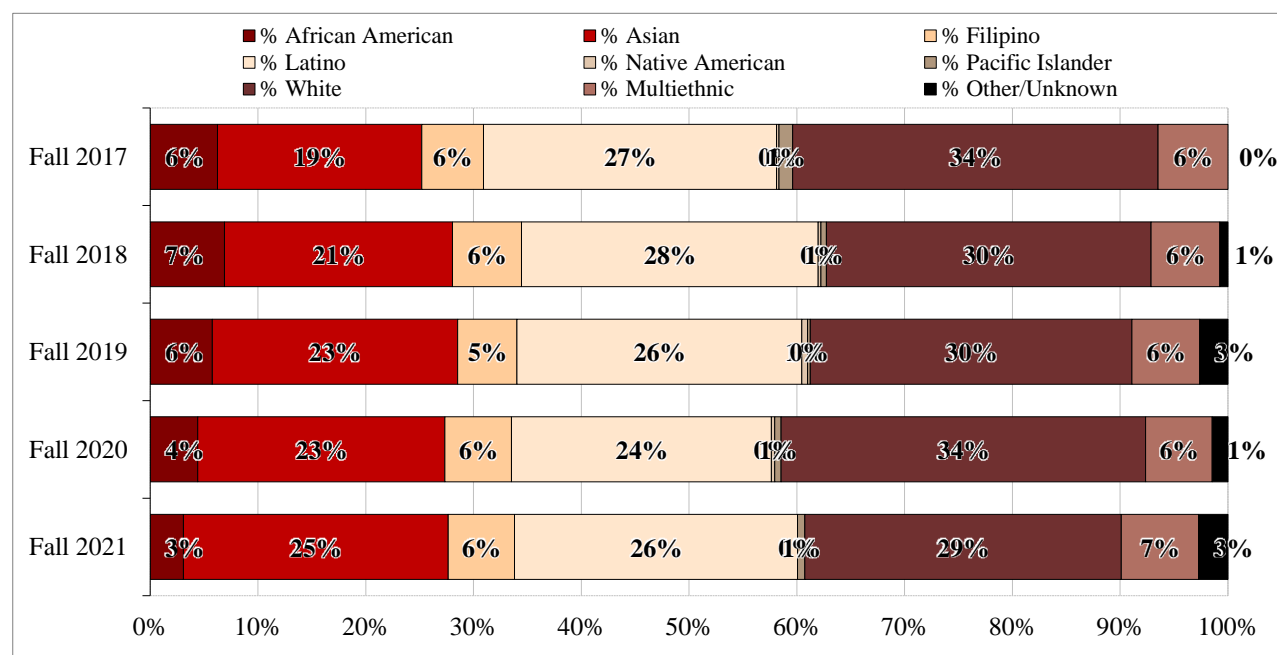
Student Demographics: Gender & Age

Computer Information Systems (CIS)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
Female	192	189	181	167	129
Male	201	198	197	165	157
19 yrs. or younger	68	69	61	62	56
20-21 yrs. old	76	71	84	69	47
22-24 yrs. old	60	58	62	37	36
25-29 yrs. old	68	65	60	60	50
30-39 yrs. old	57	60	53	49	51
40-49 yrs. old	38	49	39	32	33
50 yrs. or older	34	20	23	31	20
% Female	49%	49%	48%	50%	45%
% Male	51%	51%	52%	50%	55%
% 19 yrs. or younger	17%	18%	16%	18%	19%
% 20 - 21 yrs. old	19%	18%	22%	20%	16%
% 22 - 24 yrs. old	15%	15%	16%	11%	12%
% 25 - 29 yrs. old	17%	17%	16%	18%	17%
% 30 - 39 yrs. old	14%	15%	14%	14%	17%
% 40 - 49 yrs. old	9%	13%	10%	9%	11%
% 50 yrs. or older	8%	5%	6%	9%	7%

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Student Demographic: Race-Ethnicity

Computer Information Systems (CIS)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
African American	25	27	22	15	9
Asian	76	83	87	78	72
Filipino	23	25	21	21	18
Latino	109	108	101	82	77
Native American	1	1	2	1	0
Pacific Islander	5	2	1	2	2
White	136	118	114	115	86
Multiethnic	26	25	24	21	21
Other/Unknown	0	3	10	5	8
% African American	6%	7%	6%	4%	3%
% Asian	19%	21%	23%	23%	25%
% Filipino	6%	6%	5%	6%	6%
% Latino	27%	28%	26%	24%	26%
% Native American	<1%	<1%	1%	<1%	0%
% Pacific Islander	1%	1%	<1%	1%	1%
% White	34%	30%	30%	34%	29%
% Multiethnic	6%	6%	6%	6%	7%
% Other/Unknown	0%	1%	3%	1%	3%

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Student Enrollment Status

Computer Information Systems (CIS)					
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
First-Time Any College	40	38	40	32	33
First-Time Transfer	51	58	40	31	23
Continuing	261	257	271	237	203
Returning	46	31	25	33	32
Concurrent Enrollment	3	8	6	7	2
% First-Time Any College	10%	10%	10%	9%	11%
% First-Time Transfer	13%	15%	10%	9%	8%
% Continuing	65%	66%	71%	70%	69%
% Returning	11%	8%	7%	10%	11%
% Concurrent Enrollment	1%	2%	2%	2%	1%
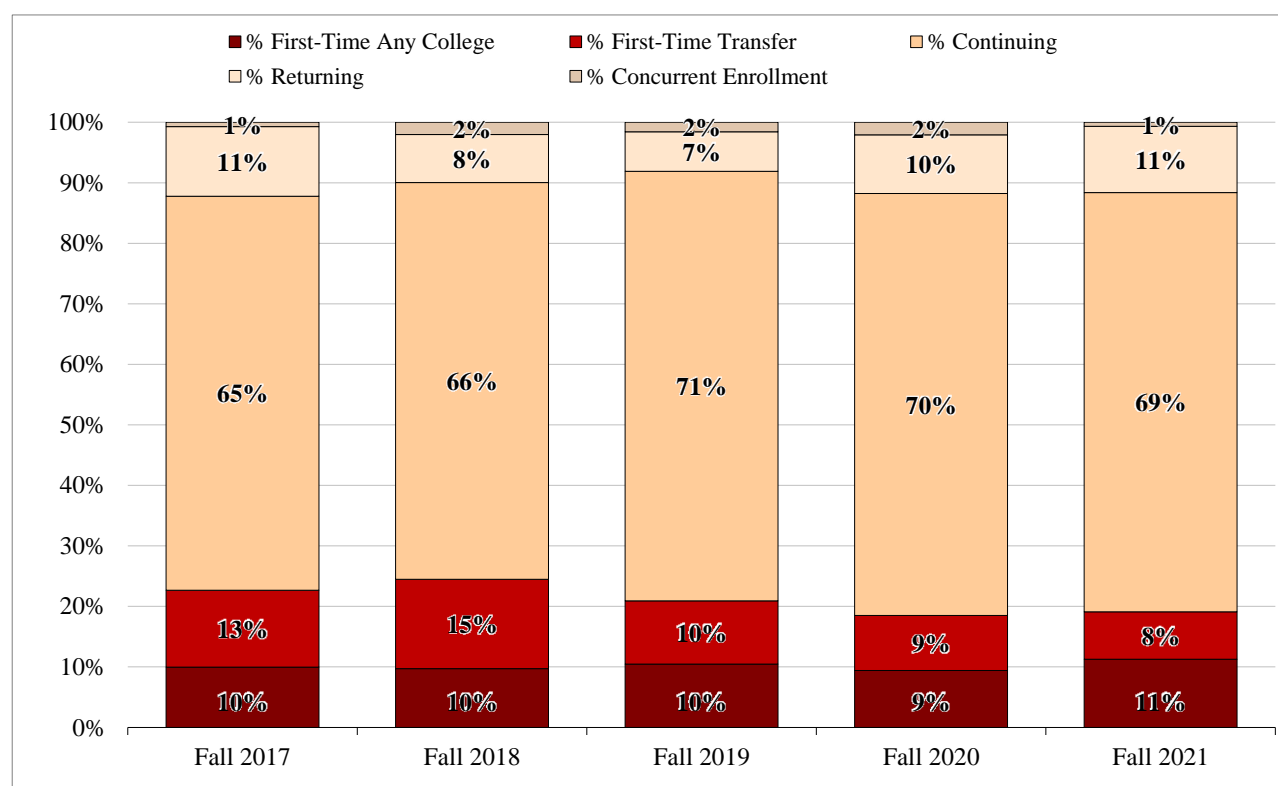
Definitions:

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

Computer Information Systems (CIS)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
Full-Time (15+ units)	57	55	59	34	41
Full-Time (12 - 14.5)	115	127	107	109	88
Part-Time (6 - 11.5)	166	143	151	127	109
Part-Time (0.5 - 5.5)	63	67	65	70	55
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	14%	14%	15%	10%	14%
% Full-Time (12 - 14.5)	29%	32%	28%	32%	30%
% Part-Time (6 - 11.5)	41%	36%	40%	37%	37%
% Part-Time (0.5 - 5.5)	16%	17%	17%	21%	19%
% Non-Credit Only	0%	0%	0%	0%	0%
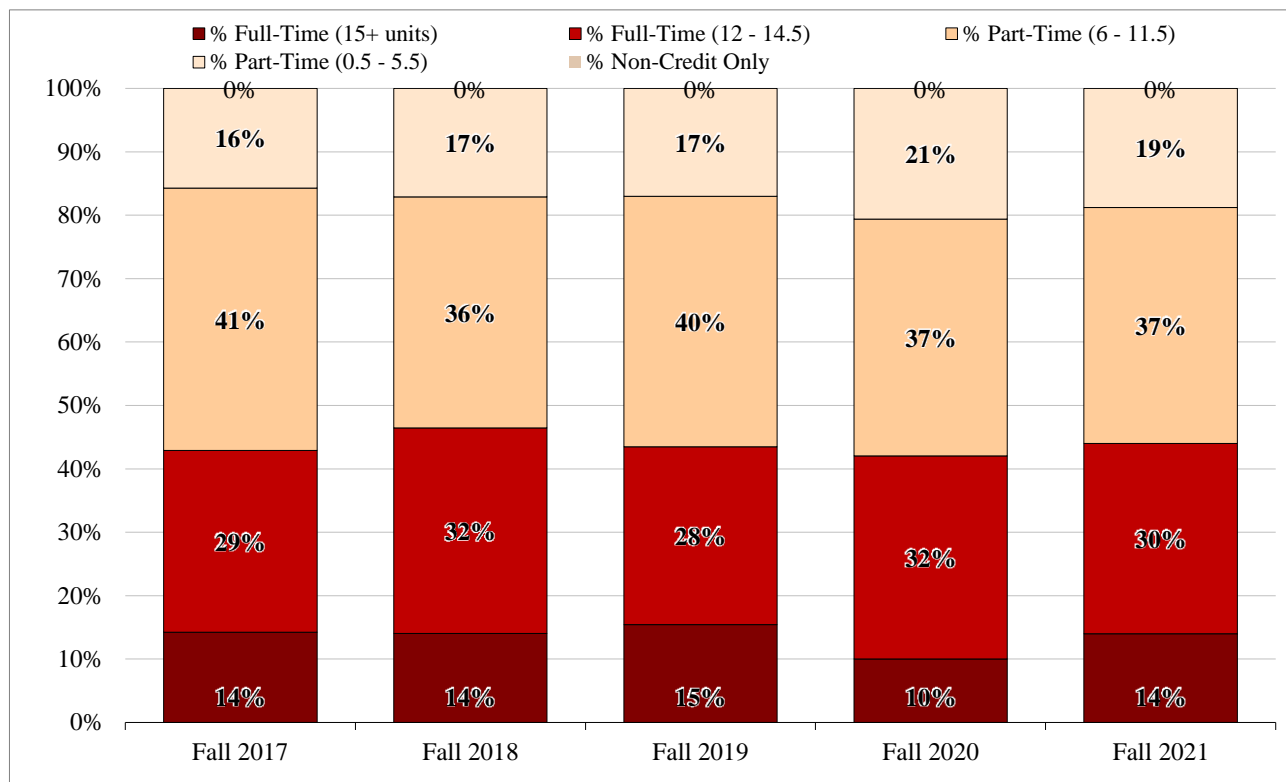
Students Using Distance Education

| Computer Information Systems (CIS)					
	Term				
(Categories reflect college-wide coursework)	**Fall 2017**	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
Face-to-Face (F2F) Only	136	121	116	0	2
Both F2F and DE	176	186	185	3	46
Distance Education (DE) Only	89	85	81	337	245
% Face-to-Face (F2F) Only	34%	31%	30%	0%	1%
% Both F2F and DE	44%	47%	48%	1%	16%
% Distance Education (DE) Only	22%	22%	21%	99%	84%
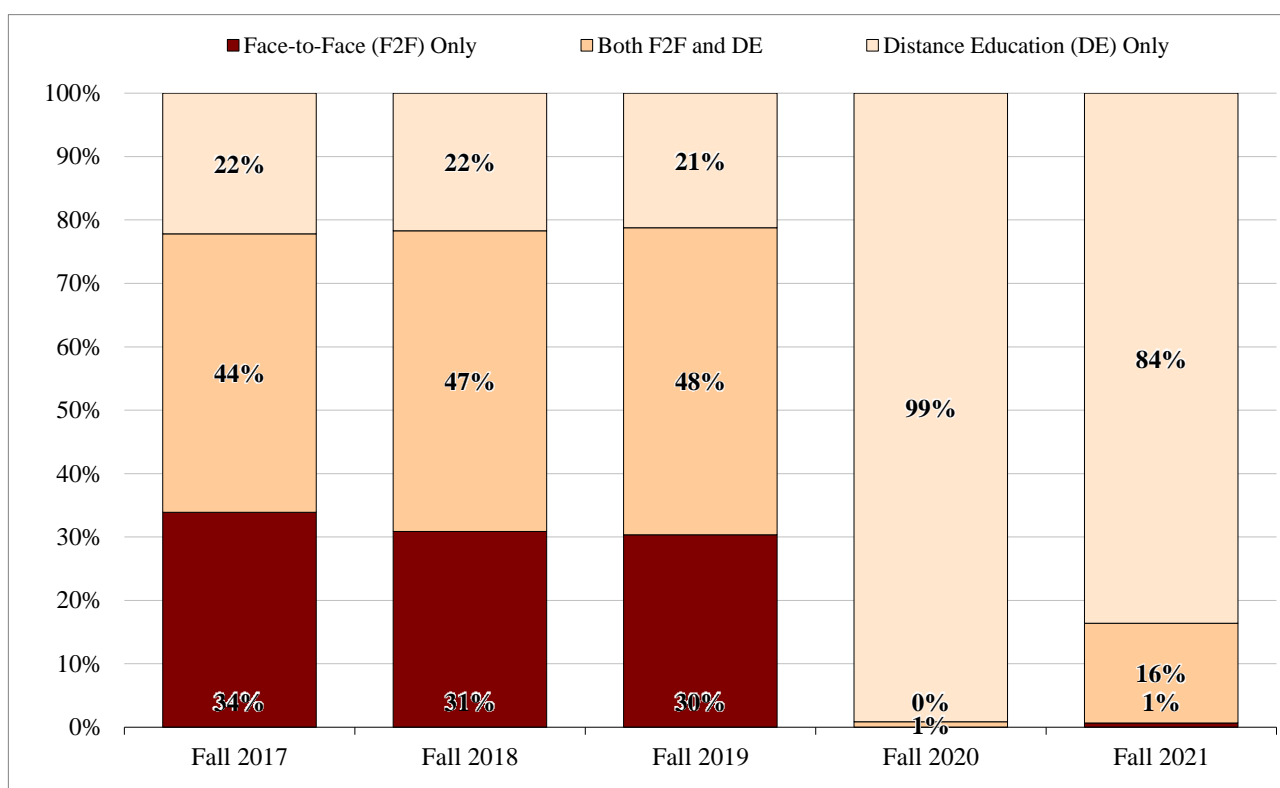
Definitions:

 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

Computer Information Systems (CIS)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
Transfer (w/ or w/o AA/AS degree)	226	220	220	174	155
Associate Degree Only (AA/AS)	43	36	37	37	32
Occupational Certificate or Job Training	70	77	69	73	64
Improve English/Math Basic Skills	8	10	7	11	6
Personal Development (intellectual/cultural)	4	16	9	11	8
Other	2	3	2	5	3
Undecided	46	30	38	27	25
Unknown	2	0	0	2	0
% Transfer (w/ or w/o AA/AS degree)	56%	56%	58%	51%	53%
% Associate Degree Only (AA/AS)	11%	9%	10%	11%	11%
% Occupational Certificate or Job Training	17%	20%	18%	21%	22%
% Improve English/Math Basic Skills	2%	3%	2%	3%	2%
% Personal Development (intellectual/cultural)	1%	4%	2%	3%	3%
% Other	0%	1%	1%	1%	1%
% Undecided	11%	8%	10%	8%	9%
% Unknown	0%	0%	0%	1%	0%
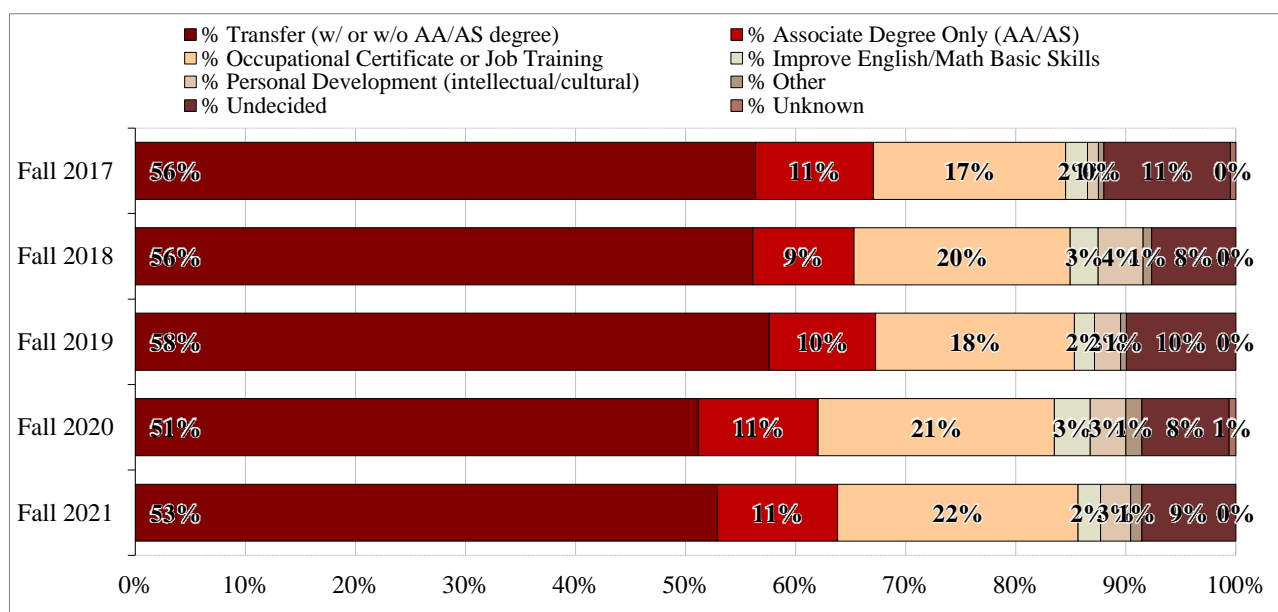
Definitions:

Transfer: Students who want to transfer to a 4-year university. Includes students enrolled in 4-year institutions completing requirements at LPC.
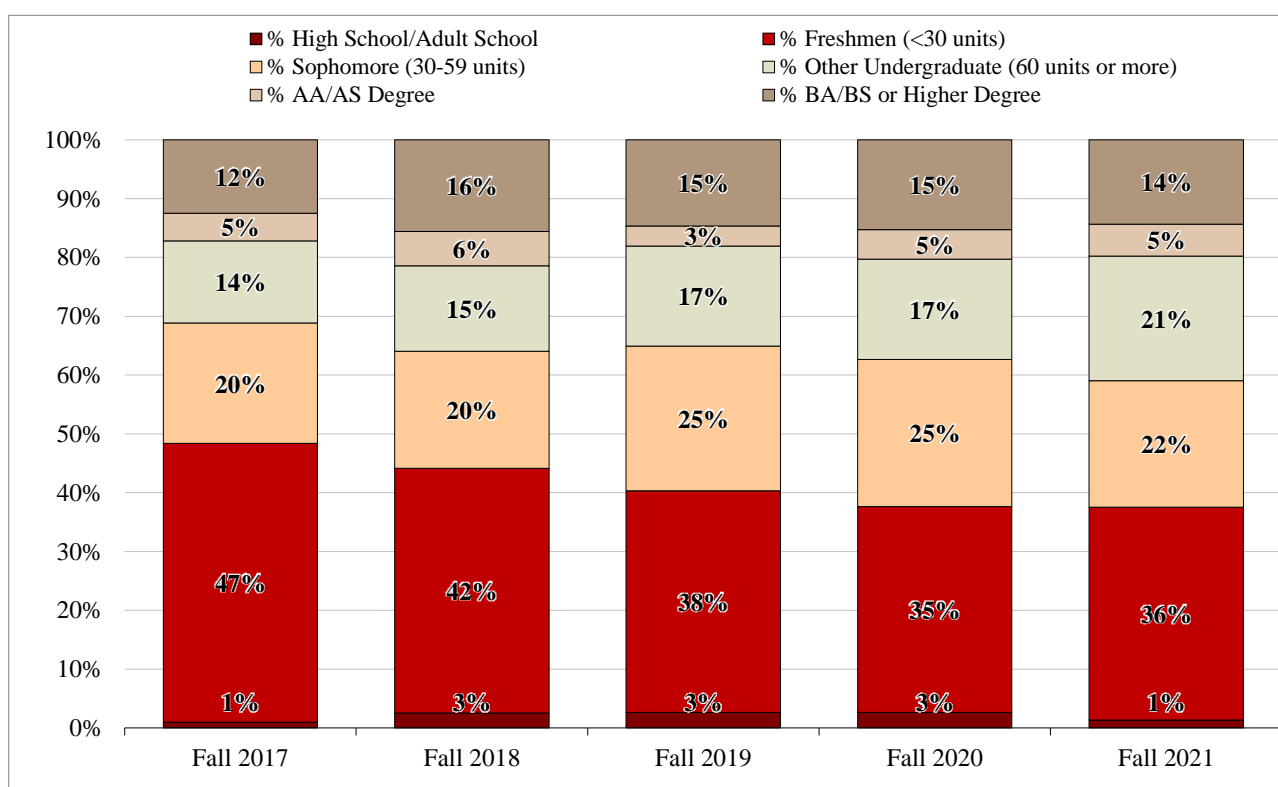
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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

Computer Information Systems (CIS)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
High School/Adult School	4	10	10	9	4
Freshmen (<30 units)	190	163	144	119	106
Sophomore (30-59 units)	82	78	94	85	63
Other Undergraduate (60 units or more)	56	57	65	58	62
AA/AS Degree	19	23	13	17	16
BA/BS or Higher Degree	50	61	56	52	42
% High School/Adult School	1%	3%	3%	3%	1%
% Freshmen (<30 units)	47%	42%	38%	35%	36%
% Sophomore (30-59 units)	20%	20%	25%	25%	22%
% Other Undergraduate (60 units or more)	14%	15%	17%	17%	21%
% AA/AS Degree	5%	6%	3%	5%	5%
% BA/BS or Higher Degree	12%	16%	15%	15%	14%

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Student Performance: Grade Distribution

| Computer Information Systems (CIS)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
Total Course Enrollments	511	482	487	449	396
Course Success Rates	**63%**	**69%**	**69%**	**74%**	**75%**
A	42%	42%	51%	53%	48%
B	12%	19%	14%	14%	16%
C	8%	7%	4%	6%	9%
P	<1%	1%	1%	2%	3%
Course Non-Success Rate	**14%**	**10%**	**13%**	**7%**	**9%**
D	3%	2%	2%	1%	1%
F*	11%	9%	11%	5%	8%
Withdrawals (See Note)	**23%**	**20%**	**17%**	**19%**	**16%**
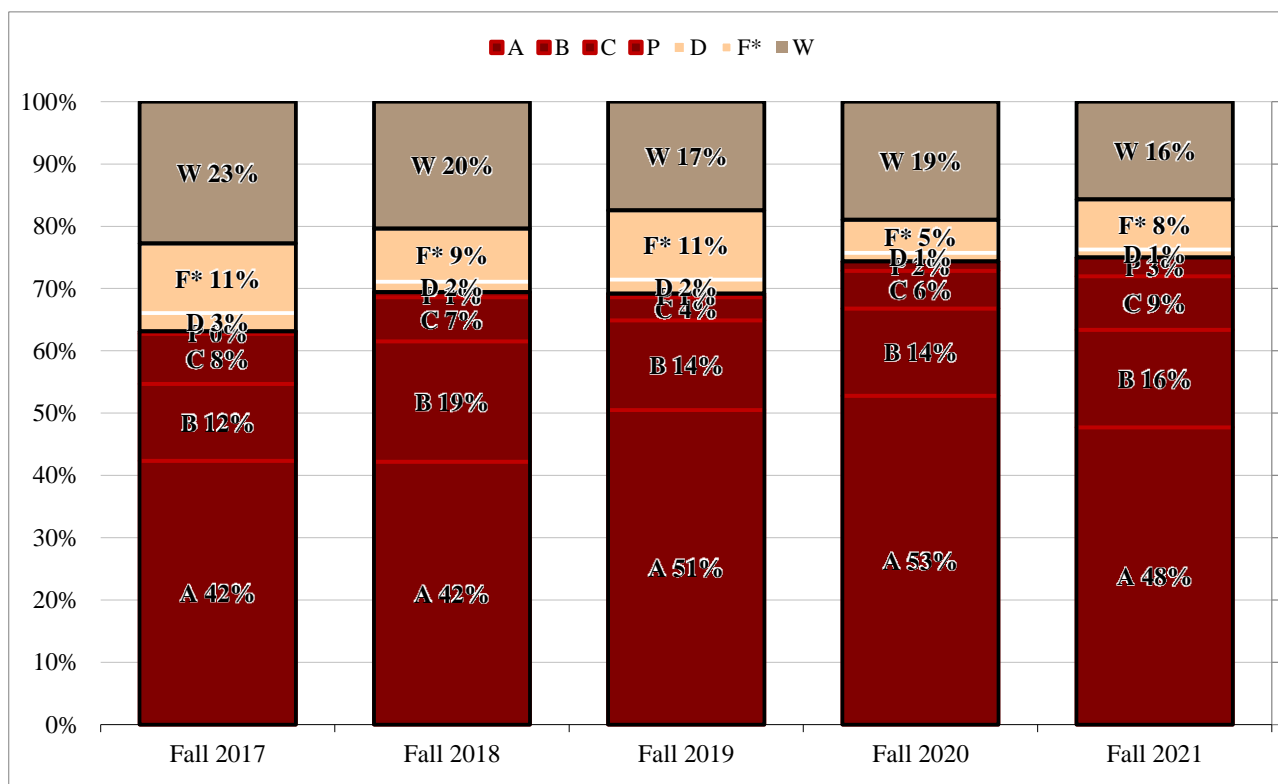
Definitions:

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

Computer Information Systems (CIS)					
	Term				
	Fall 2017	**Fall 2018**	**Fall 2019**	**Fall 2020**	**Fall 2021**
Total Course Enrollments	**511**	**482**	**487**	**449**	**396**
Face-to-Face (F2F) Sections	**228**	**221**	**216**	**0**	**12**
Success Rates	70%	72%	71%	—	92%
Non-Success Rates	11%	13%	14%	—	0%
Withdrawals	18%	15%	15%	—	8%
Distance Education (DE) Sections	**283**	**261**	**271**	**449**	**384**
Success Rates	57%	67%	68%	74%	74%
Non-Success Rates	16%	8%	13%	7%	10%
Withdrawals	27%	25%	19%	19%	16%
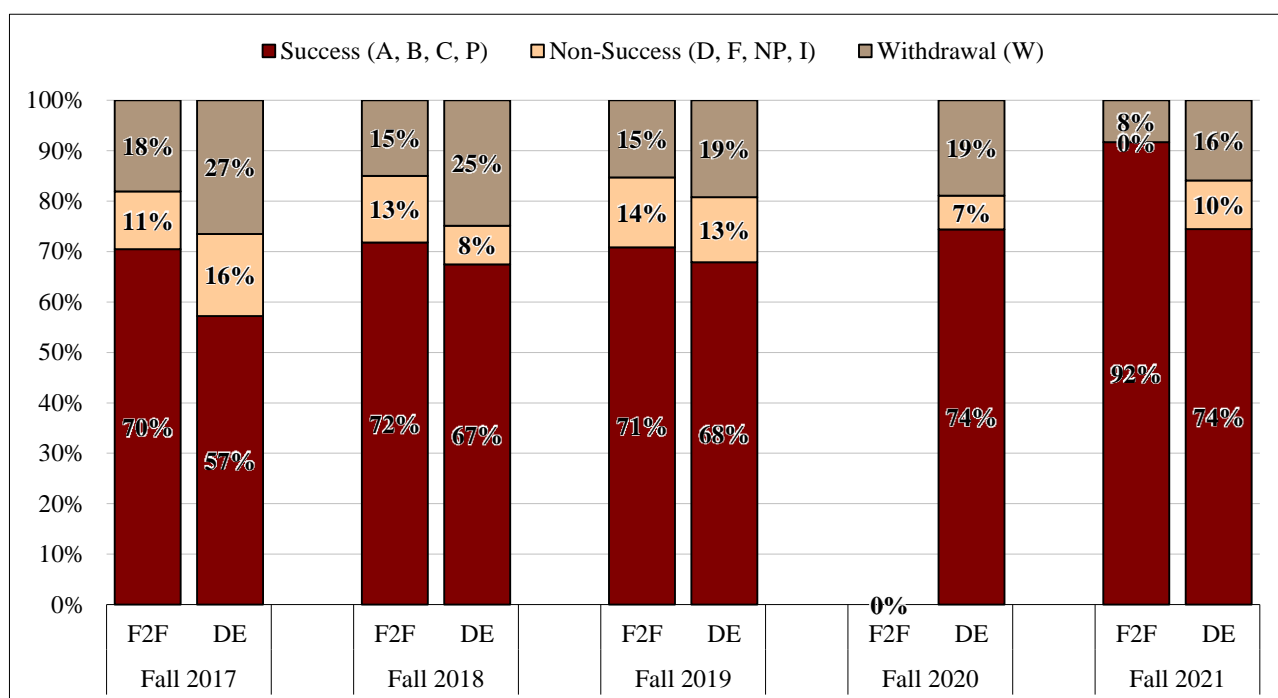
Definitions:

   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

Computer Information Systems (CIS)					
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
WSCH	1,898	1,827	1,833	1,743	1,536
FTES	61.0	57.8	58.4	55.5	48.9
FTEF	5.1	4.3	4.1	4.2	3.5
Productivity (WSCH/FTEF)	369.5	426.4	449.4	413.1	440.6

Productivity (WSCH/FTEF)

	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Productivity	369.5	426.4	449.4	413.1	440.6

FTES

	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
FTES	61.0	57.8	58.4	55.5	48.9
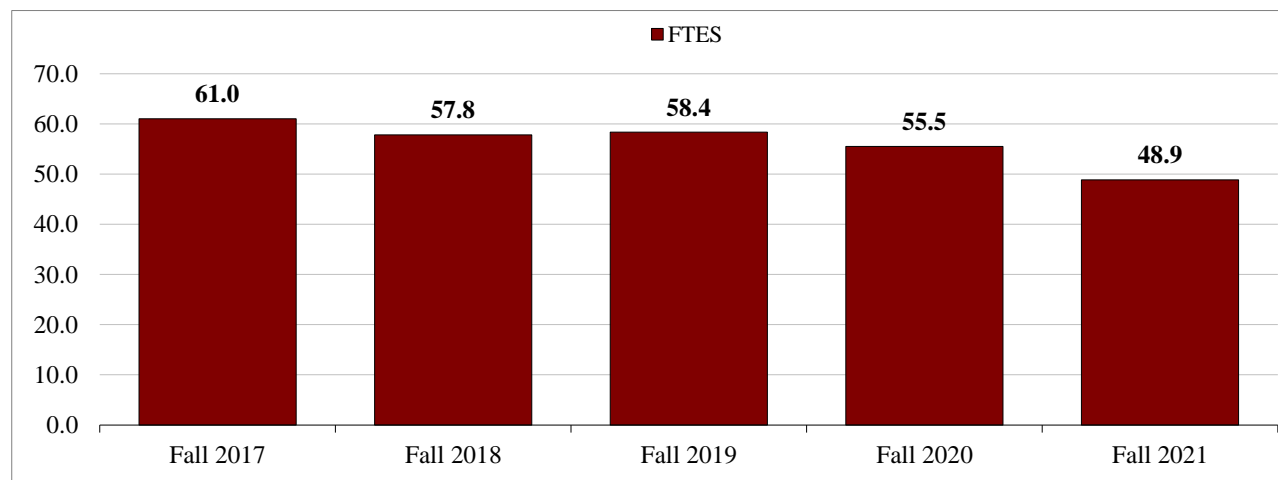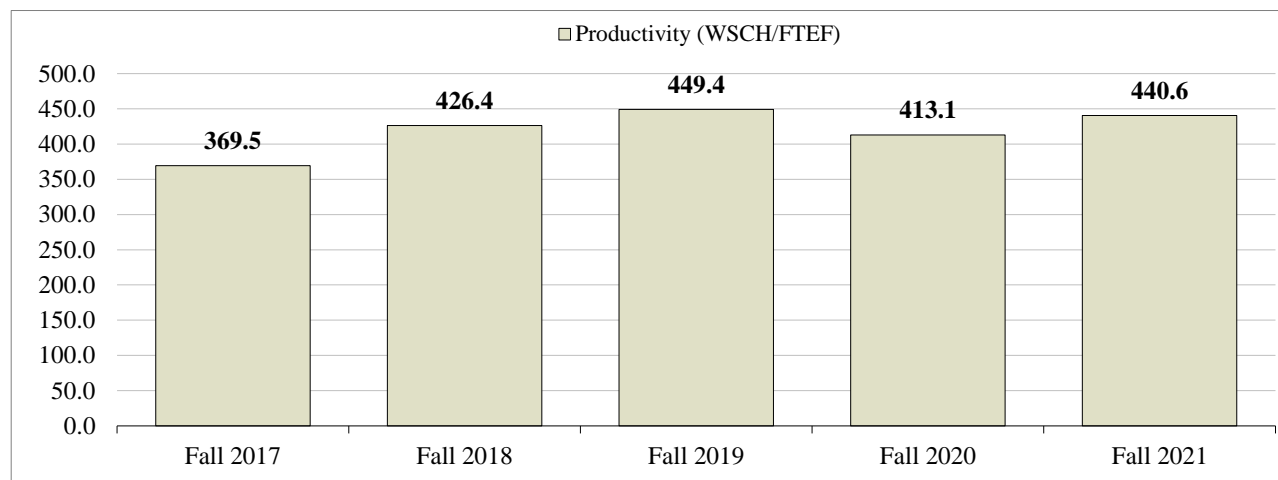
Definitions:

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

| Computer Information Systems (CIS)					
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
FTEF from Full-Time Faculty	1.6	1.4	1.3	1.5	1.1
% FTEF from Full-Time Faculty	31%	32%	31%	37%	30%
Enrollments	511	482	487	449	396
Capacity (seats available)	1,193	998	758	794	621
Fill Rate	43%	48%	64%	57%	64%
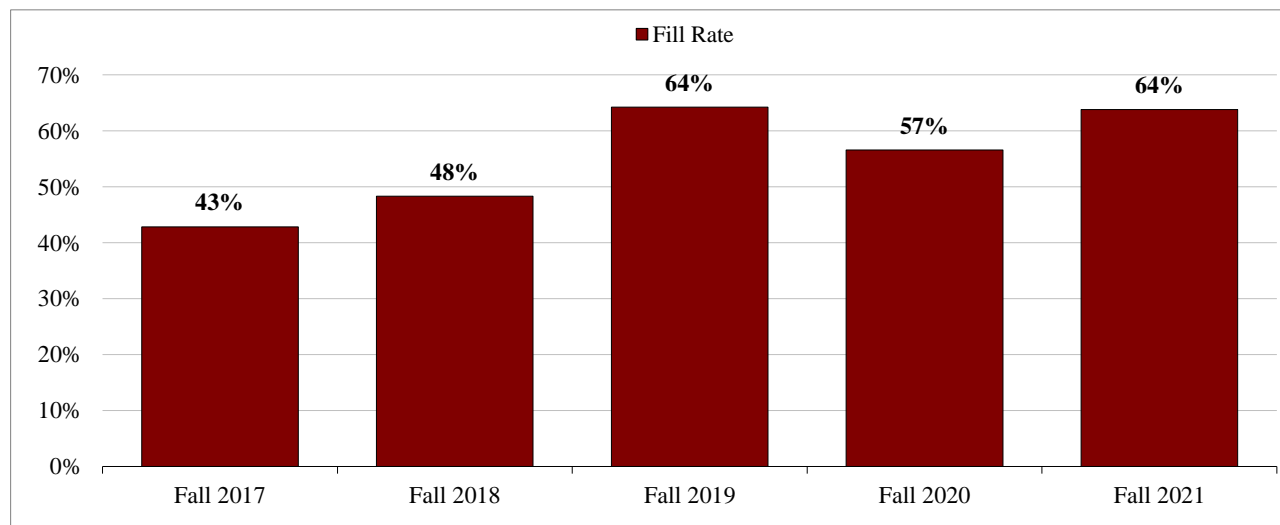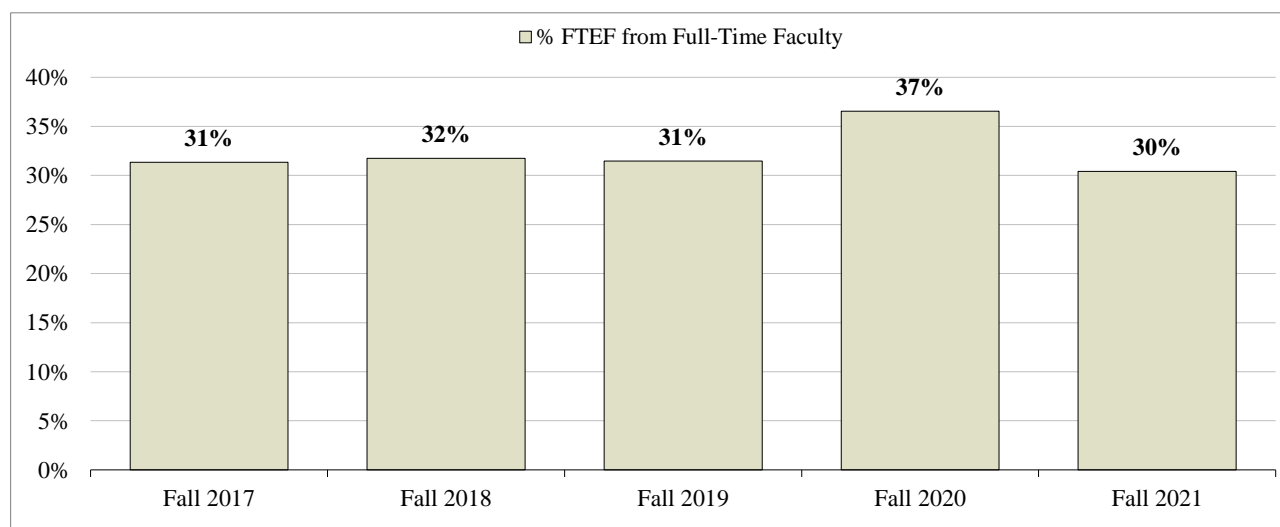
Definitions:

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				
	CIS		LPC Overall	
	Num	**Pct**	**Num**	**Pct**
College English				
Completed College-level	179	61%	3,849	52%
Attempted College-level	15	5%	430	6%
Attempted Below College-level	4	1%	46	1%
No Prior Attempt (has placement)	56	19%	1,845	25%
No Prior Attempt (no placement)	39	13%	1,202	16%
College Math				
Completed College-level	178	61%	4,530	61%
Attempted College-level	6	2%	132	2%
Attempted Below College-level	10	3%	181	2%
No Prior Attempt (has placement)	54	18%	1,337	18%
No Prior Attempt (no placement)	45	15%	1,192	16%
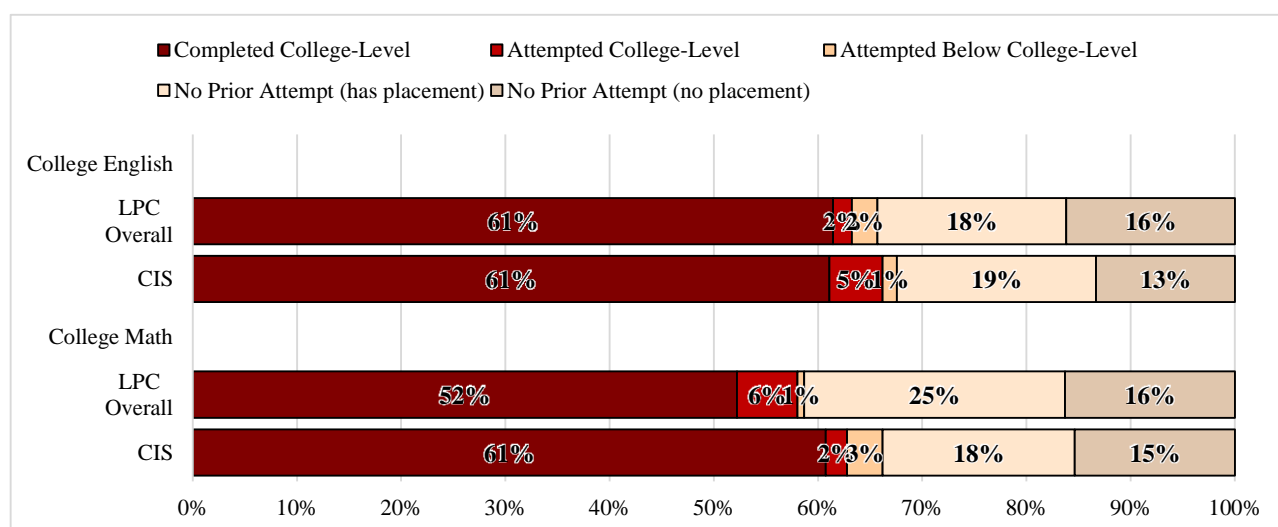
Definitions:

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 Atempt (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 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.