



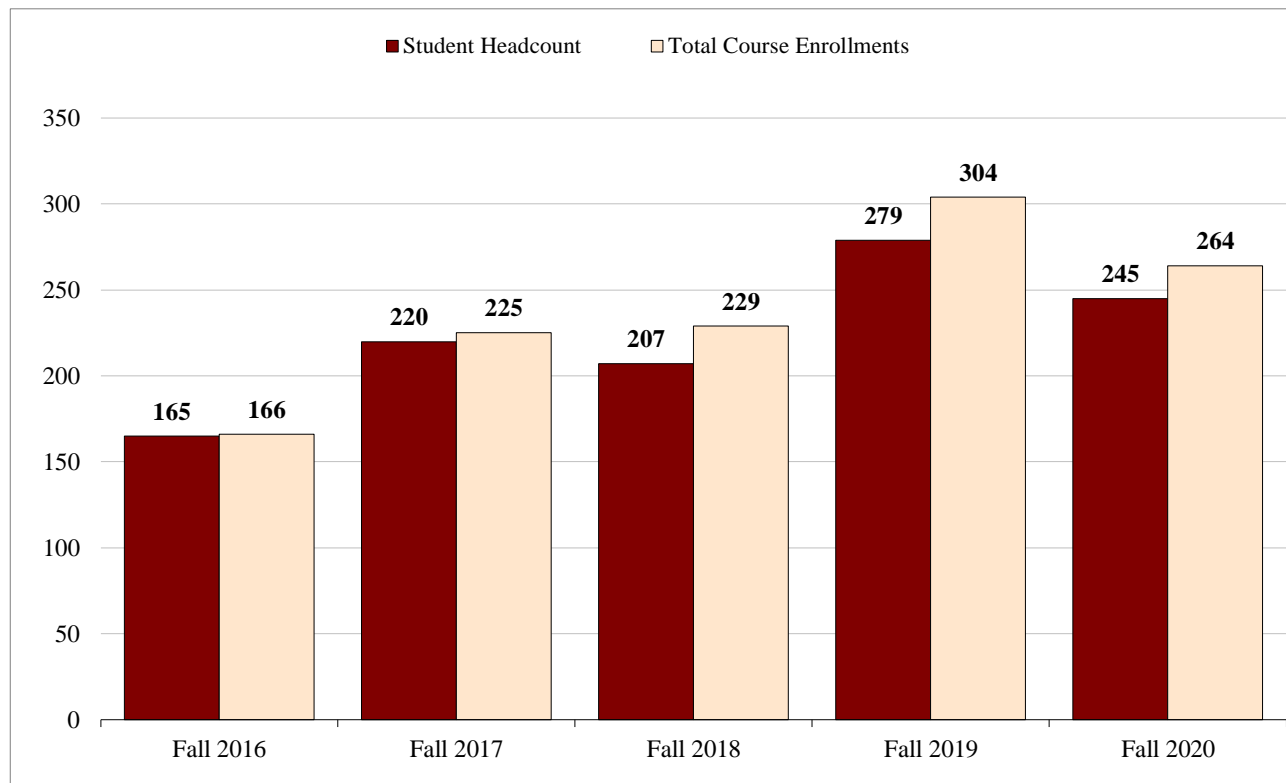
Las Positas College
Discipline Program Review Data Packet
Fall 2016 to Fall 2020

Discipline:
Physics (PHYS)

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Headcount & Enrollment

Physics (PHYS)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Student Headcount	165	220	207	279	245
Total Course Enrollments	166	225	229	304	264



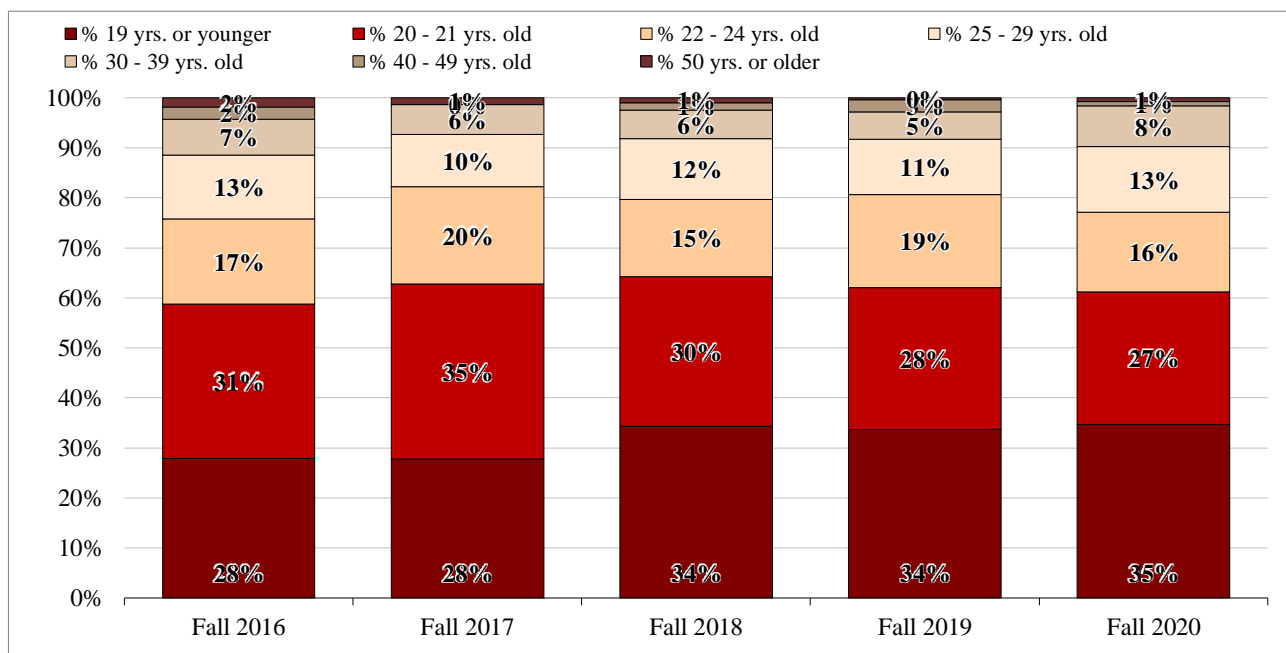
Definitions:

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.

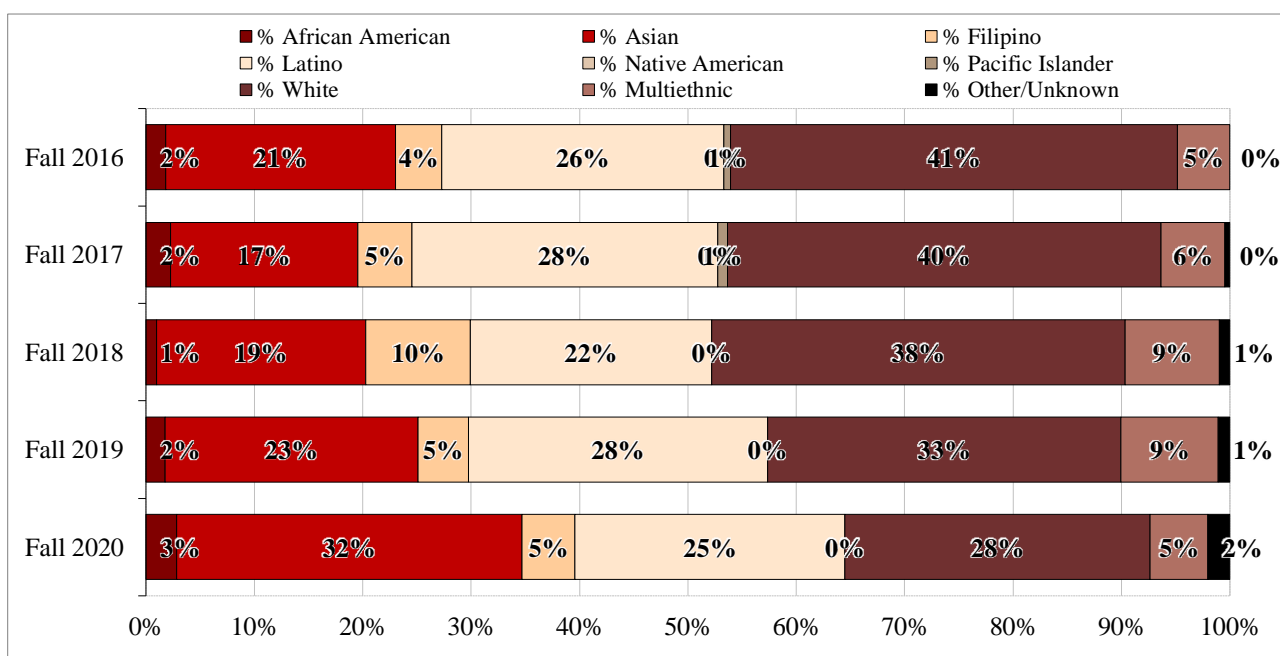
Student Demographics: Gender & Age

Physics (PHYS)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Female	48	53	60	92	84
Male	115	166	142	184	156
19 yrs. or younger	46	61	71	94	85
20-21 yrs. old	51	77	62	79	65
22-24 yrs. old	28	43	32	52	39
25-29 yrs. old	21	23	25	31	32
30-39 yrs. old	12	13	12	15	20
40-49 yrs. old	4	0	3	7	2
50 yrs. or older	3	3	2	1	2
% Female	29%	24%	30%	33%	35%
% Male	71%	76%	70%	67%	65%
% 19 yrs. or younger	28%	28%	34%	34%	35%
% 20 - 21 yrs. old	31%	35%	30%	28%	27%
% 22 - 24 yrs. old	17%	20%	15%	19%	16%
% 25 - 29 yrs. old	13%	10%	12%	11%	13%
% 30 - 39 yrs. old	7%	6%	6%	5%	8%
% 40 - 49 yrs. old	2%	0%	1%	3%	1%
% 50 yrs. or older	2%	1%	1%	<1%	1%



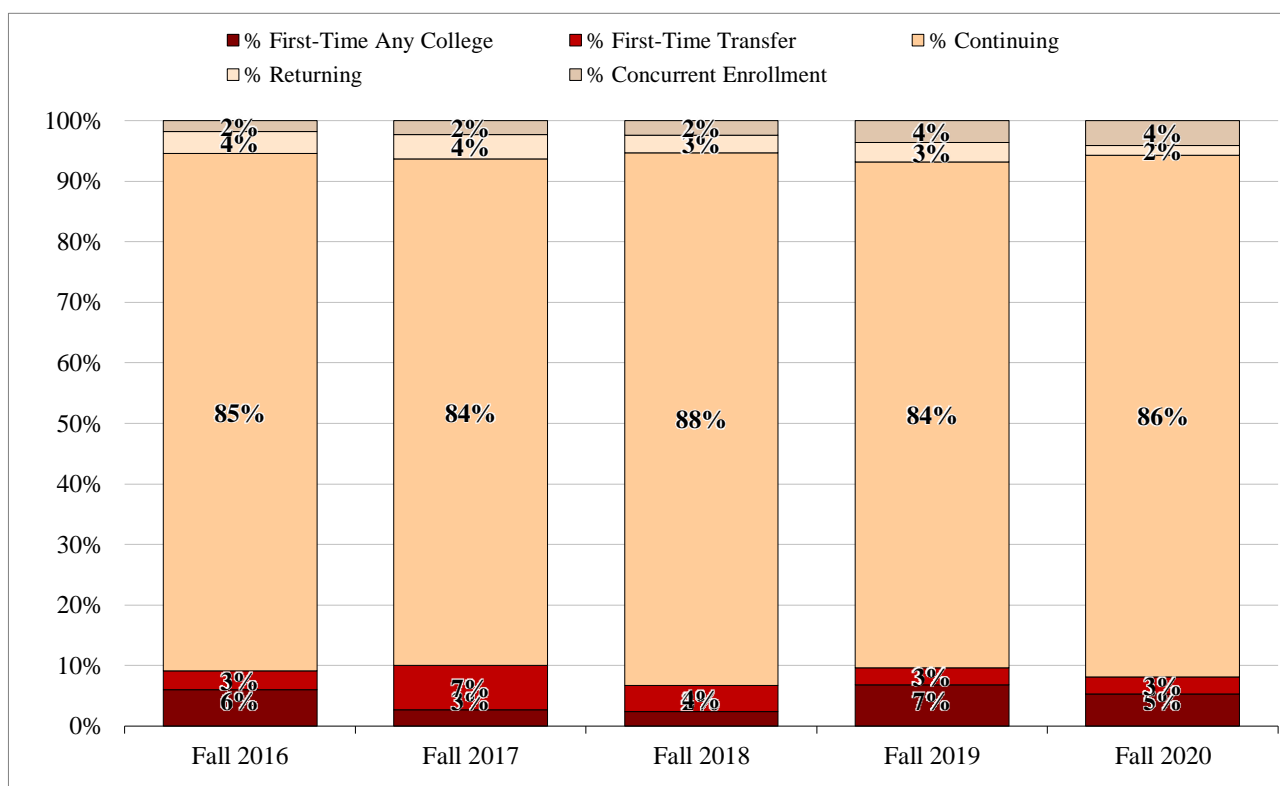
Student Demographic: Race-Ethnicity

Physics (PHYS)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
African American	3	5	2	5	7
Asian	35	38	40	65	78
Filipino	7	11	20	13	12
Latino	43	62	46	77	61
Native American	0	0	0	0	0
Pacific Islander	1	2	0	0	0
White	68	88	79	91	69
Multiethnic	8	13	18	25	13
Other/Unknown	0	1	2	3	5
% African American	2%	2%	1%	2%	3%
% Asian	21%	17%	19%	23%	32%
% Filipino	4%	5%	10%	5%	5%
% Latino	26%	28%	22%	28%	25%
% Native American	0%	0%	0%	0%	0%
% Pacific Islander	1%	1%	0%	0%	0%
% White	41%	40%	38%	33%	28%
% Multiethnic	5%	6%	9%	9%	5%
% Other/Unknown	0%	<1%	1%	1%	2%



Student Enrollment Status

Physics (PHYS)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
First-Time Any College	10	6	5	19	13
First-Time Transfer	5	16	9	8	7
Continuing	141	184	182	233	211
Returning	6	9	6	9	4
Concurrent Enrollment	3	5	5	10	10
% First-Time Any College	6%	3%	2%	7%	5%
% First-Time Transfer	3%	7%	4%	3%	3%
% Continuing	85%	84%	88%	84%	86%
% Returning	4%	4%	3%	3%	2%
% Concurrent Enrollment	2%	2%	2%	4%	4%



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.

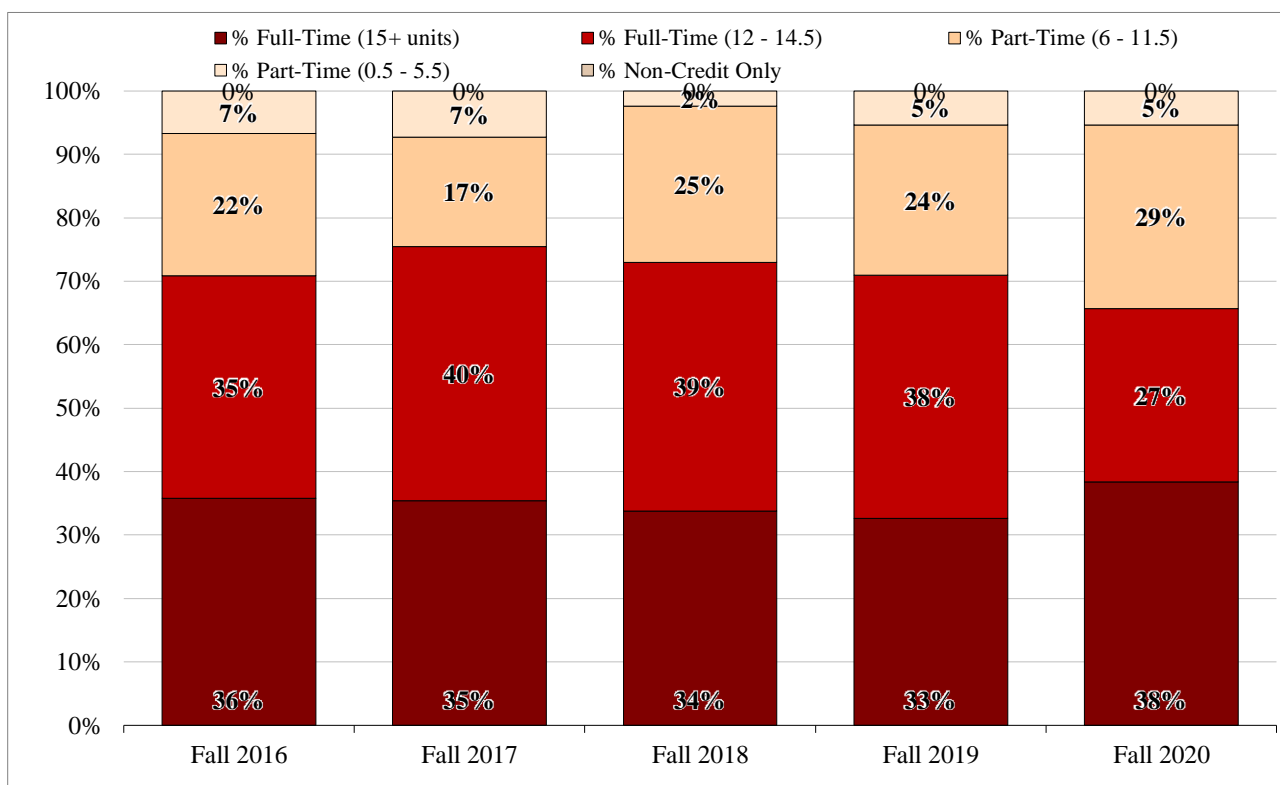
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

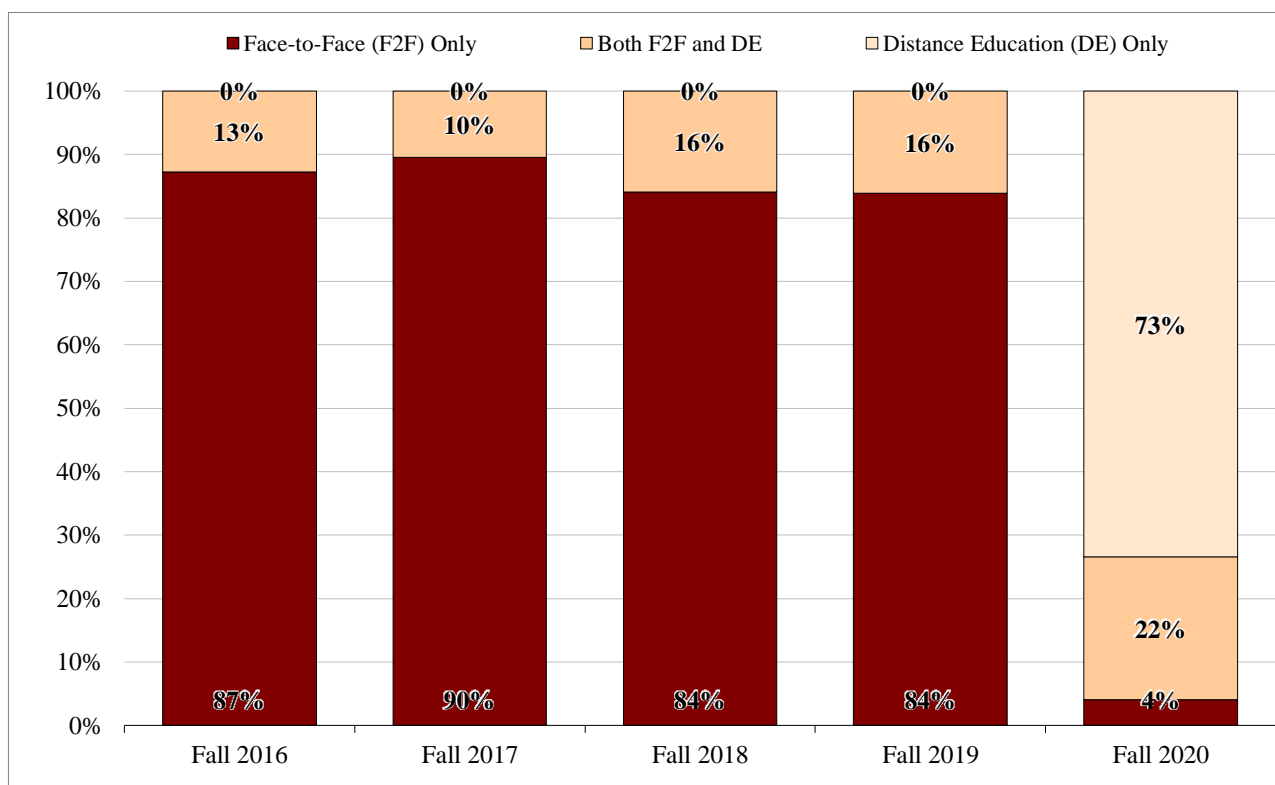
Student Unit Load

Physics (PHYS)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Full-Time (15+ units)	59	78	70	91	94
Full-Time (12 - 14.5)	58	88	81	107	67
Part-Time (6 - 11.5)	37	38	51	66	71
Part-Time (0.5 - 5.5)	11	16	5	15	13
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	36%	35%	34%	33%	38%
% Full-Time (12 - 14.5)	35%	40%	39%	38%	27%
% Part-Time (6 - 11.5)	22%	17%	25%	24%	29%
% Part-Time (0.5 - 5.5)	7%	7%	2%	5%	5%
% Non-Credit Only	0%	0%	0%	0%	0%



Students Using Distance Education

Physics (PHYS)					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Face-to-Face (F2F) Only	144	197	174	234	10
Both F2F and DE	21	23	33	45	55
Distance Education (DE) Only	0	0	0	0	180
% Face-to-Face (F2F) Only	87%	90%	84%	84%	4%
% Both F2F and DE	13%	10%	16%	16%	22%
% Distance Education (DE) Only	0%	0%	0%	0%	73%

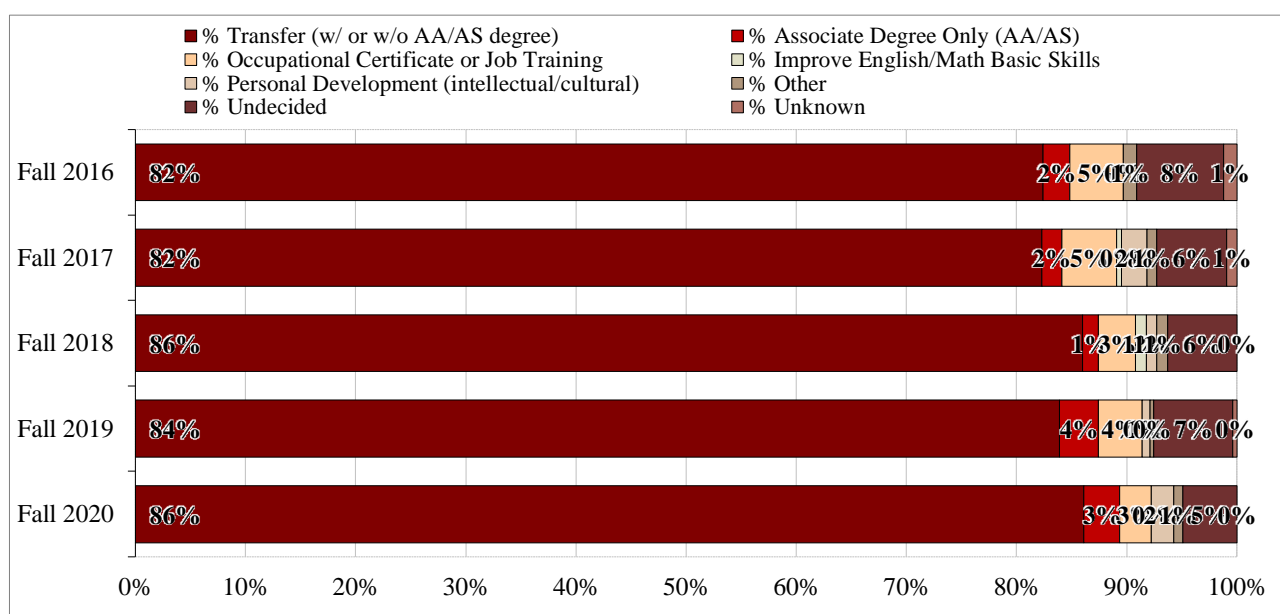


Definitions:

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

Physics (PHYS)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Transfer (w/ or w/o AA/AS degree)	136	181	178	234	211
Associate Degree Only (AA/AS)	4	4	3	10	8
Occupational Certificate or Job Training	8	11	7	11	7
Improve English/Math Basic Skills	0	1	2	0	0
Personal Development (intellectual/cultural)	0	5	2	2	5
Other	2	2	2	1	2
Undecided	13	14	13	20	12
Unknown	2	2	0	1	0
% Transfer (w/ or w/o AA/AS degree)	82%	82%	86%	84%	86%
% Associate Degree Only (AA/AS)	2%	2%	1%	4%	3%
% Occupational Certificate or Job Training	5%	5%	3%	4%	3%
% Improve English/Math Basic Skills	0%	<1%	1%	0%	0%
% Personal Development (intellectual/cultural)	0%	2%	1%	1%	2%
% Other	1%	1%	1%	<1%	1%
% Undecided	8%	6%	6%	7%	5%
% Unknown	1%	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.

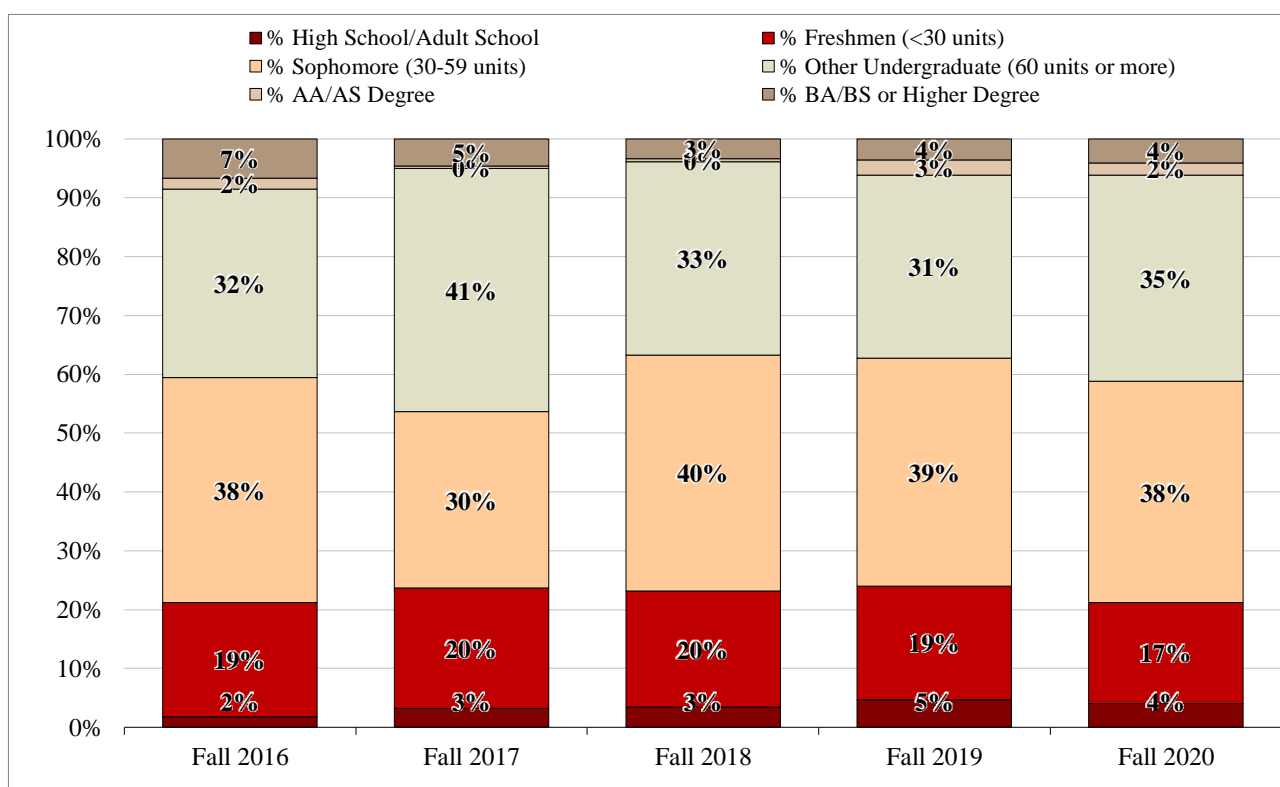
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

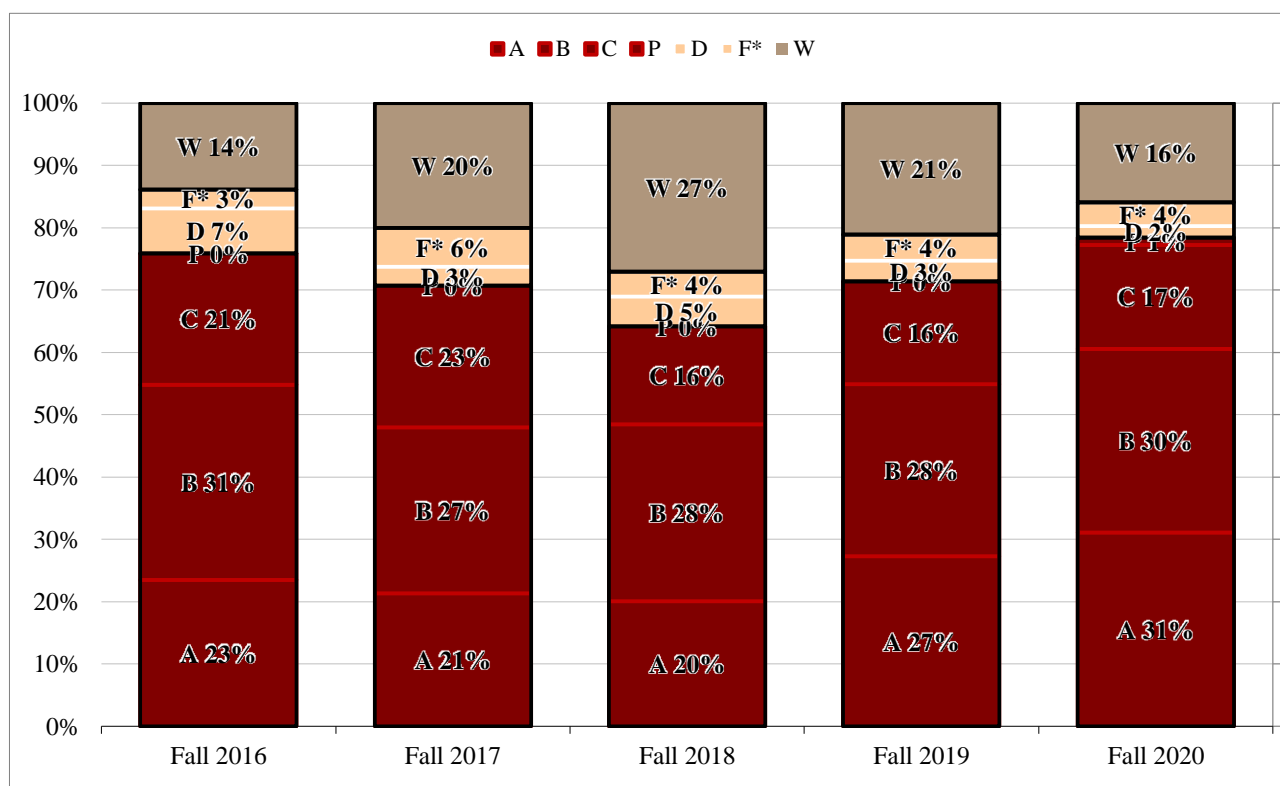
Highest Educational Level of Students

Physics (PHYS)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
High School/Adult School	3	7	7	13	10
Freshmen (<30 units)	32	45	41	54	42
Sophomore (30-59 units)	63	66	83	108	92
Other Undergraduate (60 units or more)	53	91	68	87	86
AA/AS Degree	3	1	1	7	5
BA/BS or Higher Degree	11	10	7	10	10
% High School/Adult School	2%	3%	3%	5%	4%
% Freshmen (<30 units)	19%	20%	20%	19%	17%
% Sophomore (30-59 units)	38%	30%	40%	39%	38%
% Other Undergraduate (60 units or more)	32%	41%	33%	31%	35%
% AA/AS Degree	2%	<1%	<1%	3%	2%
% BA/BS or Higher Degree	7%	5%	3%	4%	4%



Student Performance: Grade Distribution

Physics (PHYS)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Total Course Enrollments	166	225	229	304	264
Course Success Rates	76%	71%	64%	71%	78%
A	23%	21%	20%	27%	31%
B	31%	27%	28%	28%	30%
C	21%	23%	16%	16%	17%
P	0%	0%	0%	0%	1%
Course Non-Success Rate	10%	9%	9%	8%	6%
D	7%	3%	5%	3%	2%
F*	3%	6%	4%	4%	4%
Withdrawals (See Note)	14%	20%	27%	21%	16%



Definitions:

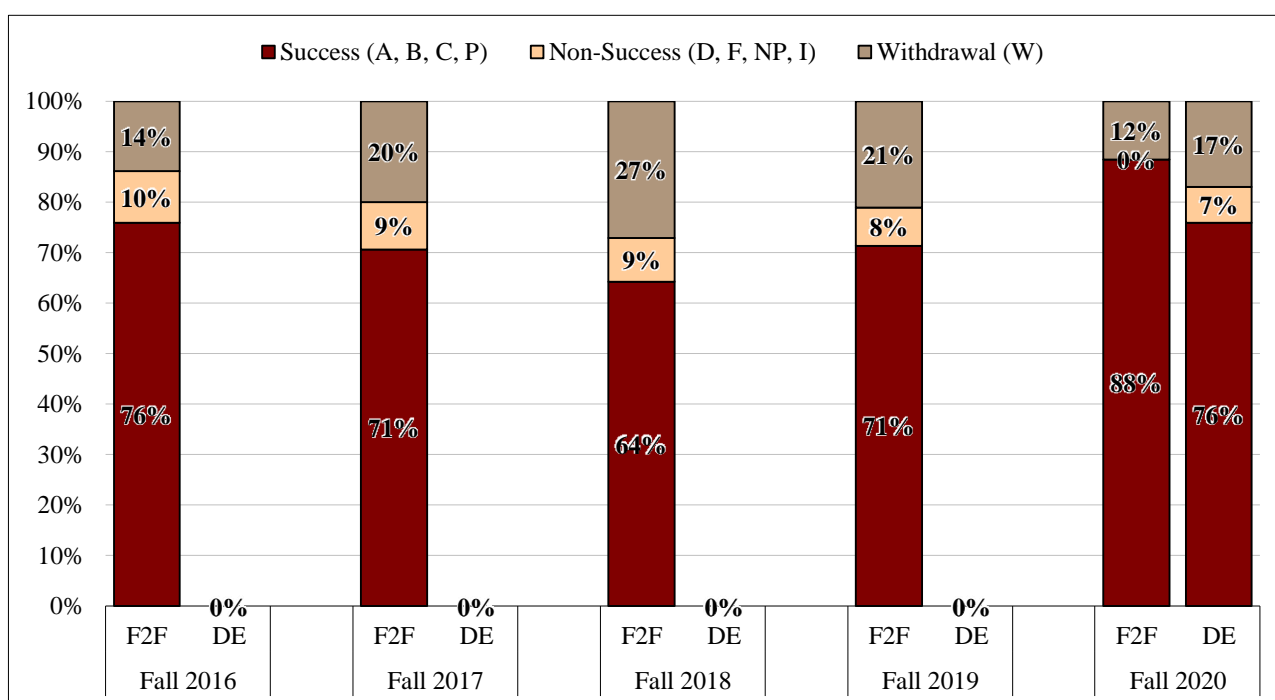
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D' or F* (includes: 'F', 'NP', '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

Physics (PHYS)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
Total Course Enrollments	166	225	229	304	264
Face-to-Face (F2F) Sections	166	225	229	304	52
Success Rates	76%	71%	64%	71%	88%
Non-Success Rates	10%	9%	9%	8%	0%
Withdrawals	14%	20%	27%	21%	12%
Distance Education (DE) Sections	0	0	0	0	212
Success Rates	—	—	—	—	76%
Non-Success Rates	—	—	—	—	7%
Withdrawals	—	—	—	—	17%



Definitions:

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

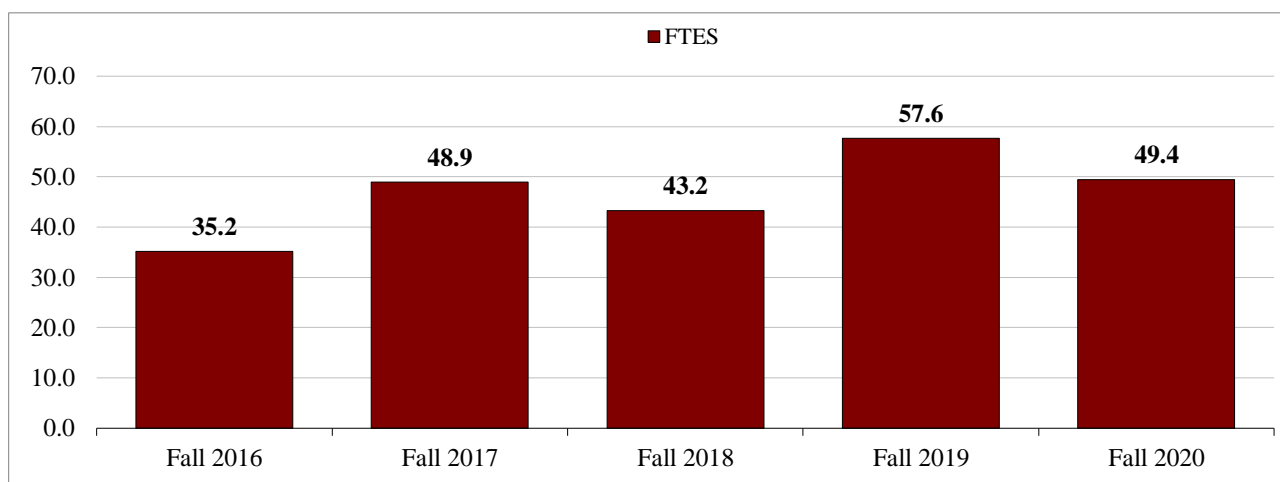
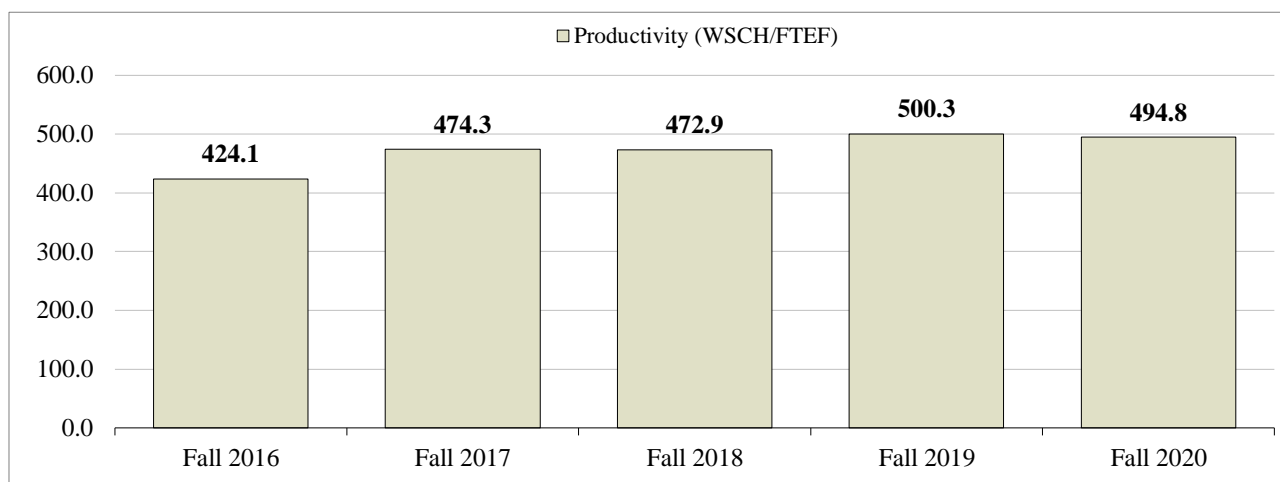
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

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

	Physics (PHYS)				
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
WSCH	1,117	1,503	1,333	1,806	1,568
FTES	35.2	48.9	43.2	57.6	49.4
FTEF	2.6	3.2	2.8	3.6	3.2
Productivity (WSCH/FTEF)	424.1	474.3	472.9	500.3	494.8



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.

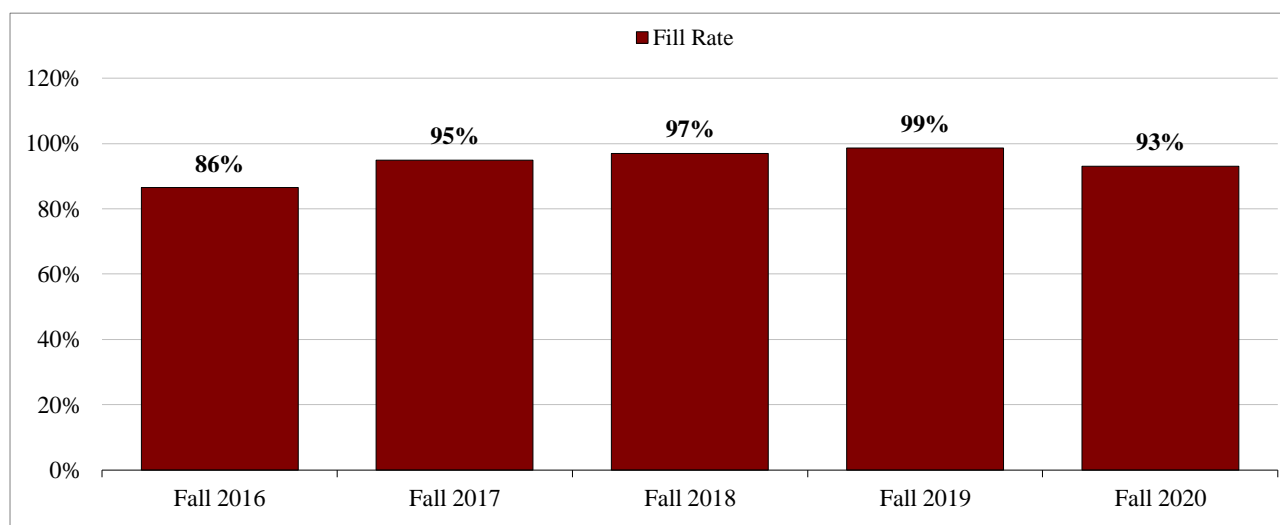
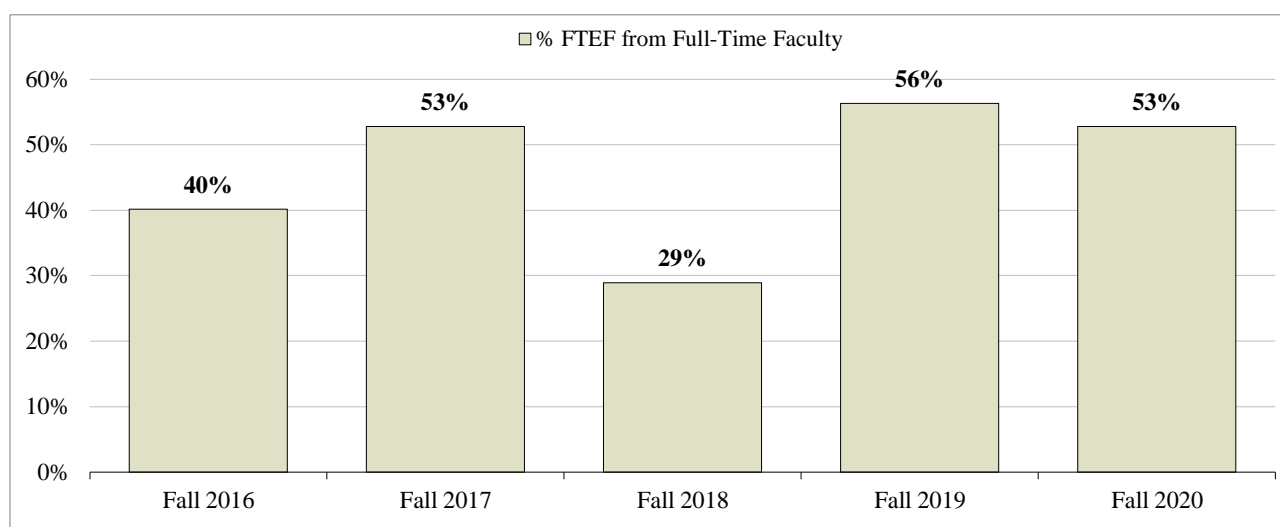
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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

Physics (PHYS)					
	Term				
	Fall 2016	Fall 2017	Fall 2018	Fall 2019	Fall 2020
FTEF from Full-Time Faculty	1.1	1.7	0.8	2.0	1.7
% FTEF from Full-Time Faculty	40%	53%	29%	56%	53%
Enrollments	166	225	229	304	264
Capacity (seats available)	192	237	236	308	284
Fill Rate	86%	95%	97%	99%	93%



Definitions:

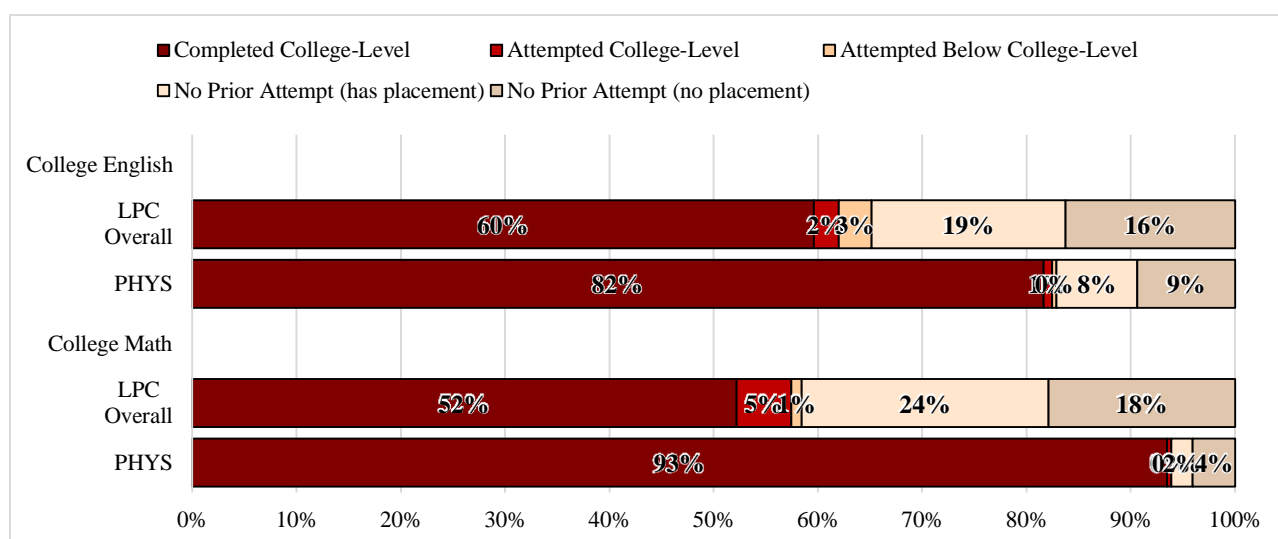
Fill Rate is number of enrollments over the total capacity (seats available).

% 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				
	PHYS		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	200	82%	4,353	52%
Attempted College-level	2	1%	438	5%
Attempted Below College-level	1	<1%	86	1%
No Prior Attempt (has placement)	19	8%	1,974	24%
No Prior Attempt (no placement)	23	9%	1,489	18%
College Math				
Completed College-level	229	93%	4,972	60%
Attempted College-level	1	<1%	199	2%
Attempted Below College-level	0	0%	261	3%
No Prior Attempt (has placement)	5	2%	1,555	19%
No Prior Attempt (no placement)	10	4%	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.