



Las Positas College

Discipline Program Review Data Packet

Fall 2021 to Spring 2026

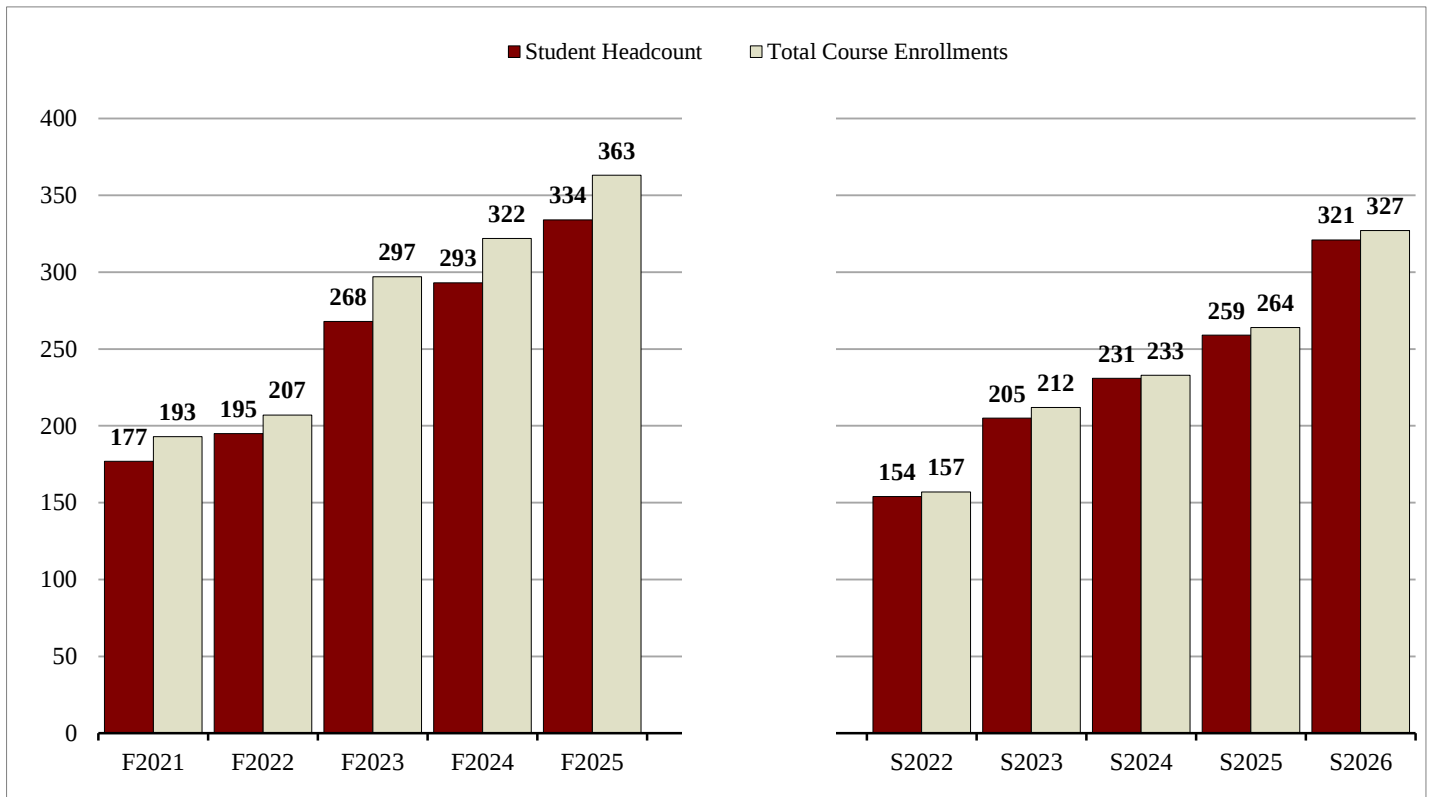
Discipline:

Physics (PHYS)

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Headcount & Enrollment

Physics (PHYS)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Student Headcount	177	195	268	293	334	154	205	231	259	321
Total Course Enrollments	193	207	297	322	363	157	212	233	264	327



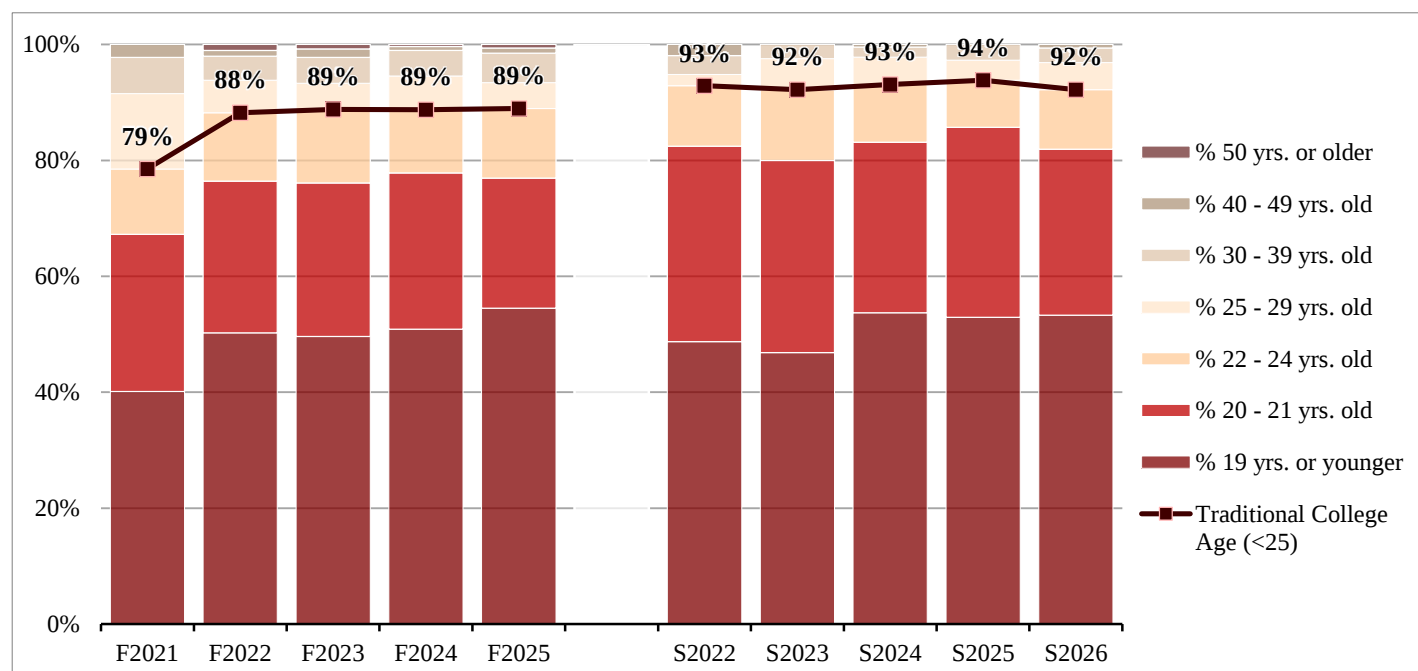
Definitions:

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.

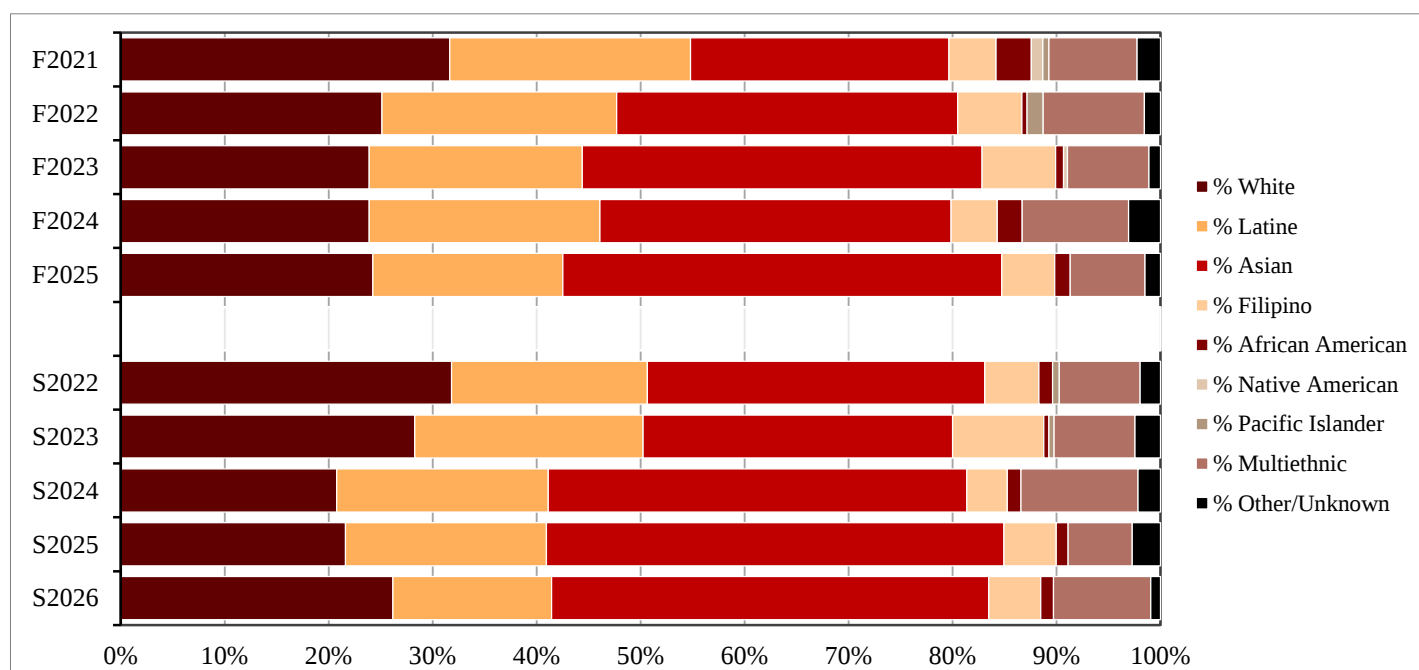
Student Demographics: Gender & Age

Physics (PHYS)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Female	49	68	87	103	100	50	48	65	64	89
Male	122	123	174	178	227	102	153	157	191	228
Non-Binary	0	0	0	0	0	0	0	0	0	0
19 yrs. or younger	71	98	133	149	182	75	96	124	137	171
20-21 yrs. old	48	51	71	79	75	52	68	68	85	92
22-24 yrs. old	20	23	34	32	40	16	25	23	21	33
25-29 yrs. old	23	11	12	17	15	3	11	11	9	15
30-39 yrs. old	11	8	12	13	17	5	5	4	7	8
40-49 yrs. old	4	2	4	2	3	3	0	1	0	2
50 yrs. or older	0	2	2	1	2	0	0	0	0	0
% Female	29%	36%	33%	37%	31%	33%	24%	29%	25%	28%
% Male	71%	64%	67%	63%	69%	67%	76%	71%	75%	72%
% Non-Binary	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
% 19 yrs. or younger	40%	50%	50%	51%	54%	49%	47%	54%	53%	53%
% 20 - 21 yrs. old	27%	26%	26%	27%	22%	34%	33%	29%	33%	29%
% 22 - 24 yrs. old	11%	12%	13%	11%	12%	10%	12%	10%	8%	10%
% 25 - 29 yrs. old	13%	6%	4%	6%	4%	2%	5%	5%	3%	5%
% 30 - 39 yrs. old	6%	4%	4%	4%	5%	3%	2%	2%	3%	2%
% 40 - 49 yrs. old	2%	1%	1%	1%	1%	2%	0%	<1%	0%	1%
% 50 yrs. or older	0%	1%	1%	<1%	1%	0%	0%	0%	0%	0%



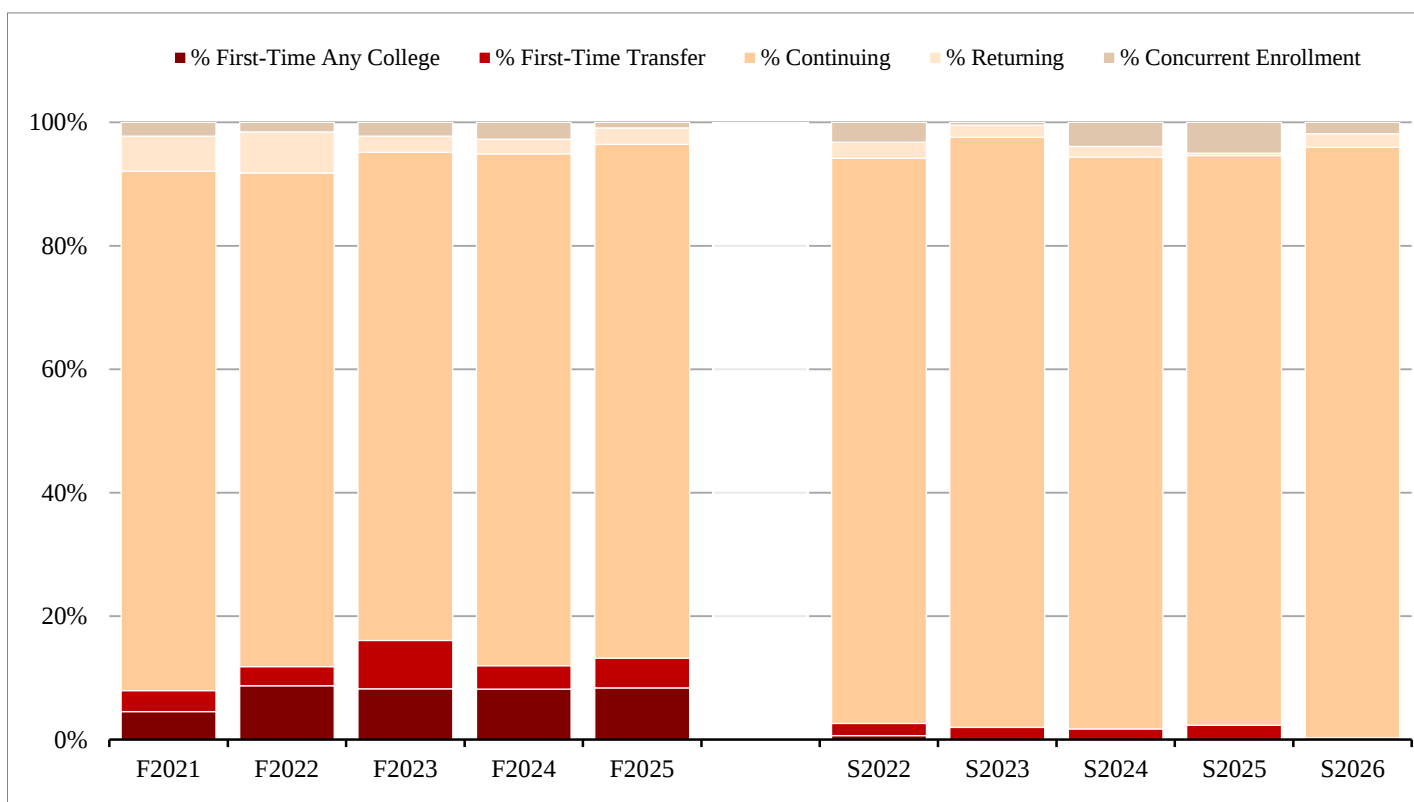
Student Demographic: Race-Ethnicity

Physics (PHYS)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
African American	6	1	2	7	5	2	1	3	3	4
Asian	44	64	103	99	141	50	61	93	114	135
Filipino	8	12	19	13	17	8	18	9	13	16
Latine	41	44	55	65	61	29	45	47	50	49
Native American	2	0	1	0	0	0	0	0	0	0
Pacific Islander	1	3	0	0	0	1	1	0	0	0
White	56	49	64	70	81	49	58	48	56	84
Multiethnic	15	19	21	30	24	12	16	26	16	30
Other/Unknown	4	3	3	9	5	3	5	5	7	3
% African American	3%	1%	1%	2%	1%	1%	<1%	1%	1%	1%
% Asian	25%	33%	38%	34%	42%	32%	30%	40%	44%	42%
% Filipino	5%	6%	7%	4%	5%	5%	9%	4%	5%	5%
% Latine	23%	23%	21%	22%	18%	19%	22%	20%	19%	15%
% Native American	1%	0%	<1%	0%	0%	0%	0%	0%	0%	0%
% Pacific Islander	1%	2%	0%	0%	0%	1%	<1%	0%	0%	0%
% White	32%	25%	24%	24%	24%	32%	28%	21%	22%	26%
% Multiethnic	8%	10%	8%	10%	7%	8%	8%	11%	6%	9%
% Other/Unknown	2%	2%	1%	3%	1%	2%	2%	2%	3%	1%



Student Enrollment Status

Physics (PHYS)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
First-Time Any College	8	17	22	24	28	1	0	0	0	0
First-Time Transfer	6	6	21	11	16	3	4	4	6	1
Continuing	149	156	212	243	278	141	196	214	239	307
Returning	10	13	7	7	9	4	4	4	1	7
Concurrent Enrollment	4	3	6	8	3	5	1	9	13	6
% First-Time Any College	5%	9%	8%	8%	8%	1%	0%	0%	0%	0%
% First-Time Transfer	3%	3%	8%	4%	5%	2%	2%	2%	2%	<1%
% Continuing	84%	80%	79%	83%	83%	92%	96%	93%	92%	96%
% Returning	6%	7%	3%	2%	3%	3%	2%	2%	<1%	2%
% Concurrent Enrollment	2%	2%	2%	3%	1%	3%	<1%	4%	5%	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.

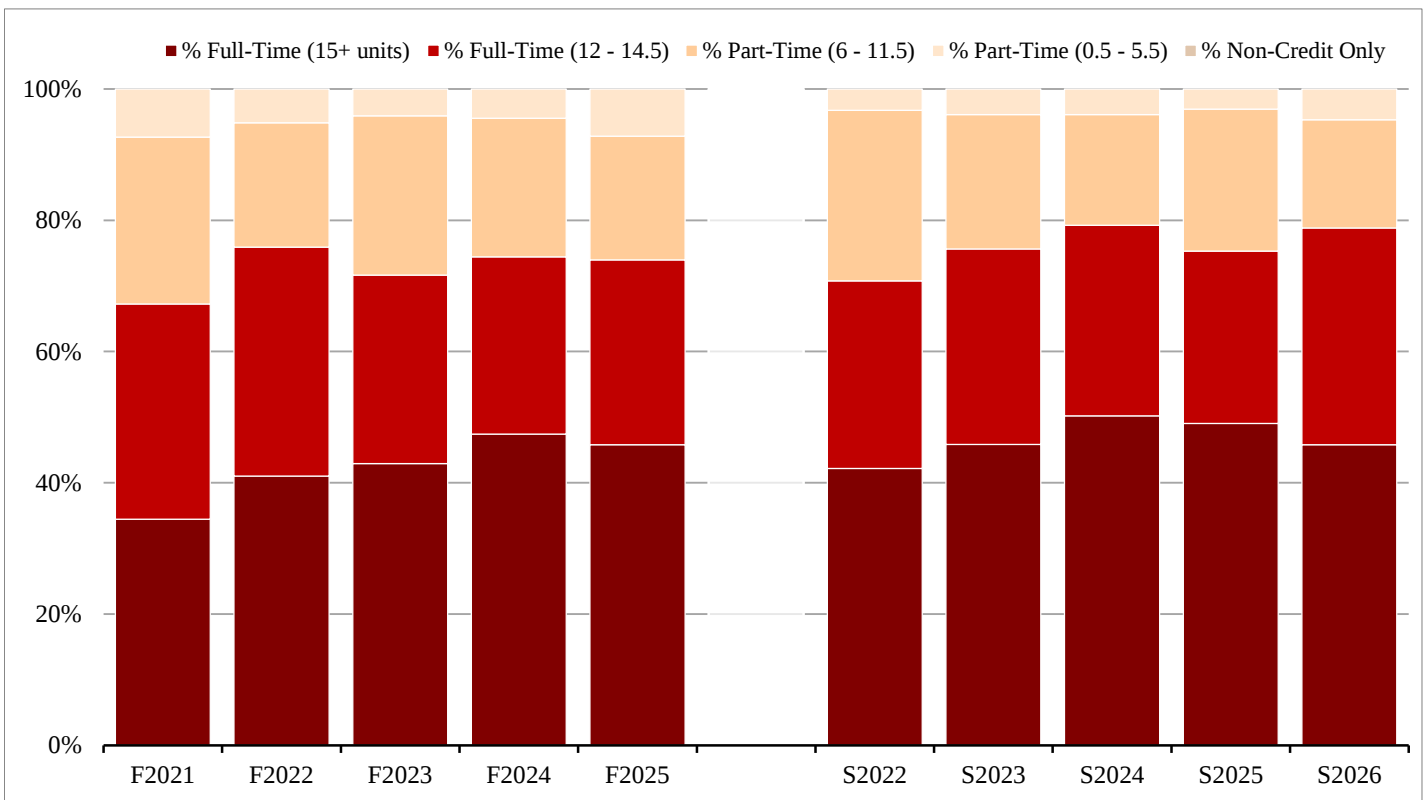
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

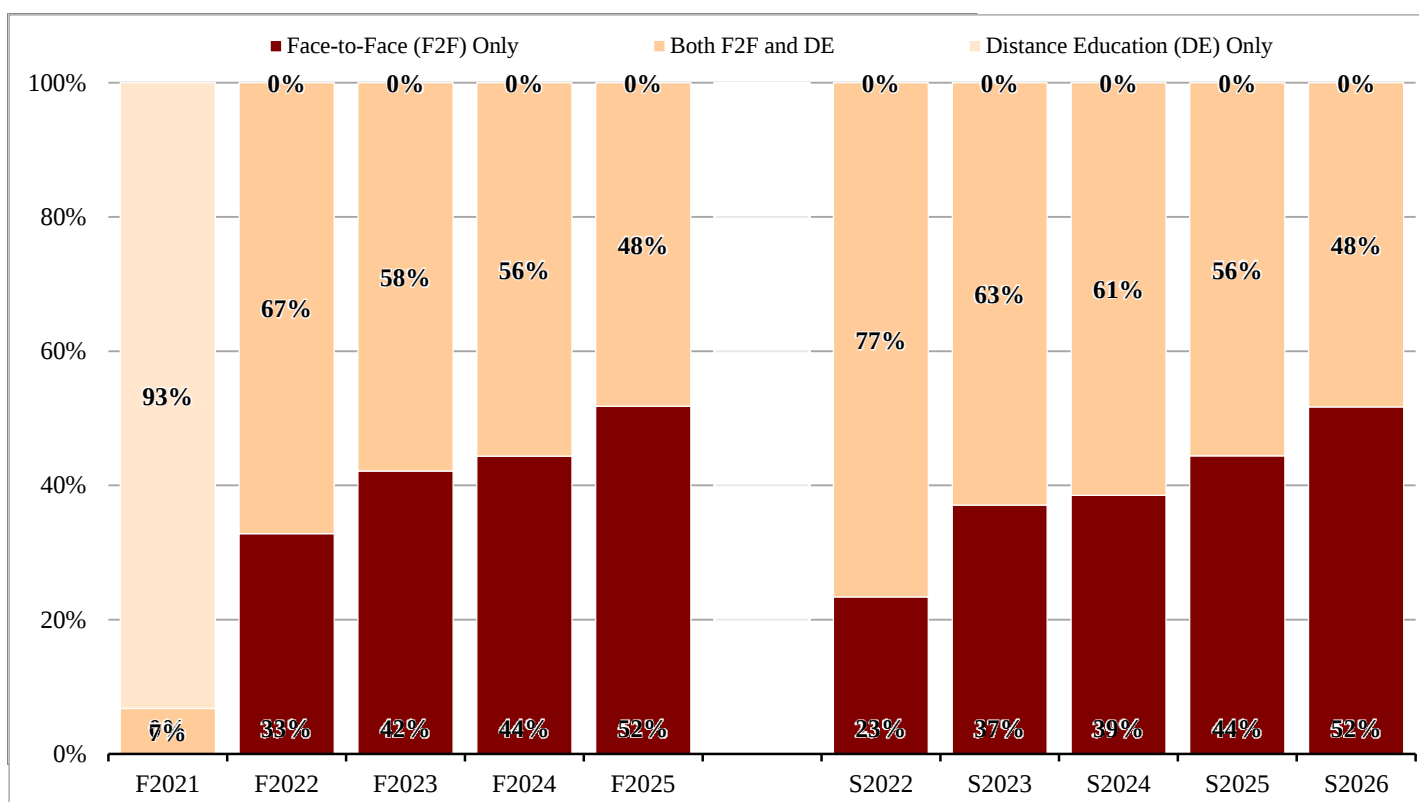
Student Unit Load

Physics (PHYS)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Full-Time (15+ units)	61	80	115	139	153	65	94	116	127	147
Full-Time (12 - 14.5 units)	58	68	77	79	94	44	61	67	68	106
Part-Time (6 - 11.5 units)	45	37	65	62	63	40	42	39	56	53
Part-Time (0.5 - 5.5 units)	13	10	11	13	24	5	8	9	8	15
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	34%	41%	43%	47%	46%	42%	46%	50%	49%	46%
% Full-Time (12 - 14.5)	33%	35%	29%	27%	28%	29%	30%	29%	26%	33%
% Part-Time (6 - 11.5)	25%	19%	24%	21%	19%	26%	20%	17%	22%	17%
% Part-Time (0.5 - 5.5)	7%	5%	4%	4%	7%	3%	4%	4%	3%	5%
% Non-Credit Only	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



Students Using Distance Education

Physics (PHYS)										
(Categories reflect college-wide coursework)	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Face-to-Face (F2F) Only	0	64	113	130	173	36	76	89	115	166
Both F2F and DE	12	131	155	163	161	118	129	142	144	155
Distance Education (DE) Only	165	0	0	0	0	0	0	0	0	0
% Face-to-Face (F2F) Only	0%	33%	42%	44%	52%	23%	37%	39%	44%	52%
% Both F2F and DE	7%	67%	58%	56%	48%	77%	63%	61%	56%	48%
% Distance Education (DE) Only	93%	0%	0%	0%	0%	0%	0%	0%	0%	0%



Definitions:

Distance Education (DE) includes enrollments in course sections that deliver course content online. Courses are categorized using the following methods:

Prior to Summer 2020, via section numbers (i.e., start with 'DE', 'HD', 'LD' and 'LO'); courses with 51% of content delivered online.

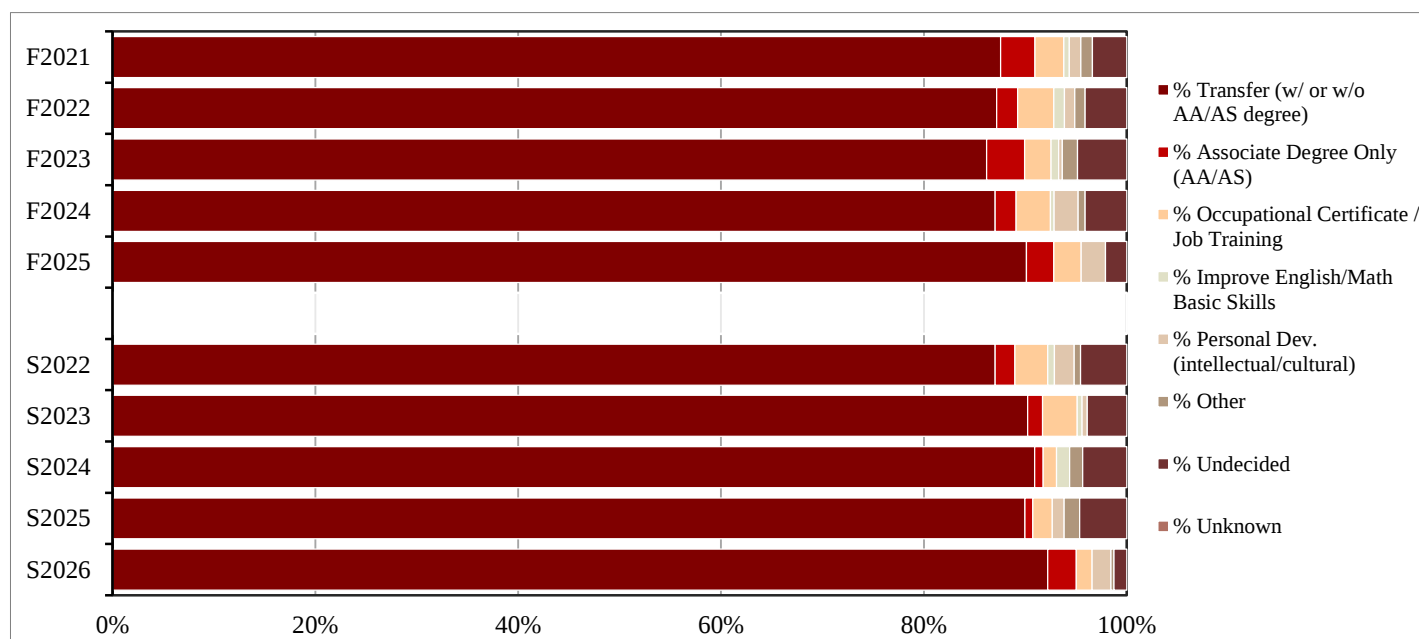
In Summer 2020 and Fall 2020, due to the COVID-19 pandemic, via web comments for each section; identified as any with an online component.

In Spring 2021 and Summer 2021, via section numbers (i.e., 'A##', 'S##', 'B##', 'H##', 'HF#').

Since Fall 2021 to present, via course attributes identifying course modality, or, when no attributes are provided, via section numbers (as previously indicated).

Student Educational Goal

Physics (PHYS)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Transfer (w/ or w/o AA/AS degree)	155	170	231	255	301	134	185	210	233	296
Associate Degree Only (AA/AS)	6	4	10	6	9	3	3	2	2	9
Occupational Certificate / Job Training	5	7	7	10	9	5	7	3	5	5
Improve English/Math Basic Skills	1	2	2	1	0	1	1	3	0	0
Personal Development (intellectual/cultural)	2	2	1	7	8	3	1	0	3	6
Other	2	2	4	2	0	1	0	3	4	1
Undecided	6	8	13	12	7	7	8	10	12	4
Unknown	0	0	0	0	0	0	0	0	0	0
% Transfer (w/ or w/o AA/AS degree)	88%	87%	86%	87%	90%	87%	90%	91%	90%	92%
% Associate Degree Only (AA/AS)	3%	2%	4%	2%	3%	2%	1%	1%	1%	3%
% Occupational Certificate / Job Training	3%	4%	3%	3%	3%	3%	3%	1%	2%	2%
% Improve English/Math Basic Skills	1%	1%	1%	<1%	0%	1%	<1%	1%	0%	0%
% Personal Dev. (intellectual/cultural)	1%	1%	<1%	2%	2%	2%	<1%	0%	1%	2%
% Other	1%	1%	1%	1%	0%	1%	0%	1%	2%	<1%
% Undecided	3%	4%	5%	4%	2%	5%	4%	4%	5%	1%
% Unknown	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



Definitions:

Transfer: Students who want to transfer to a 4-year university. Includes students enrolled in 4-year institutions completing requirements at LPC.

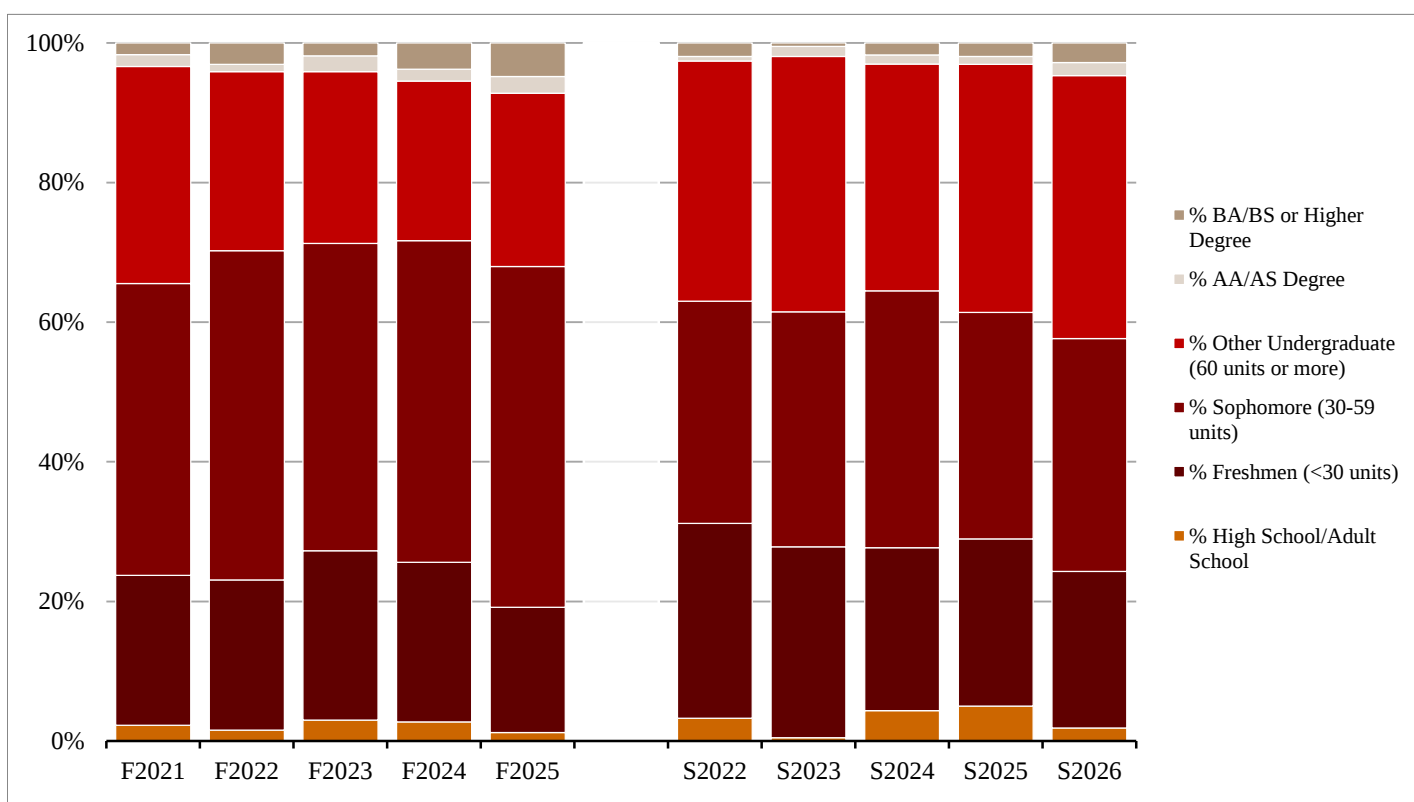
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

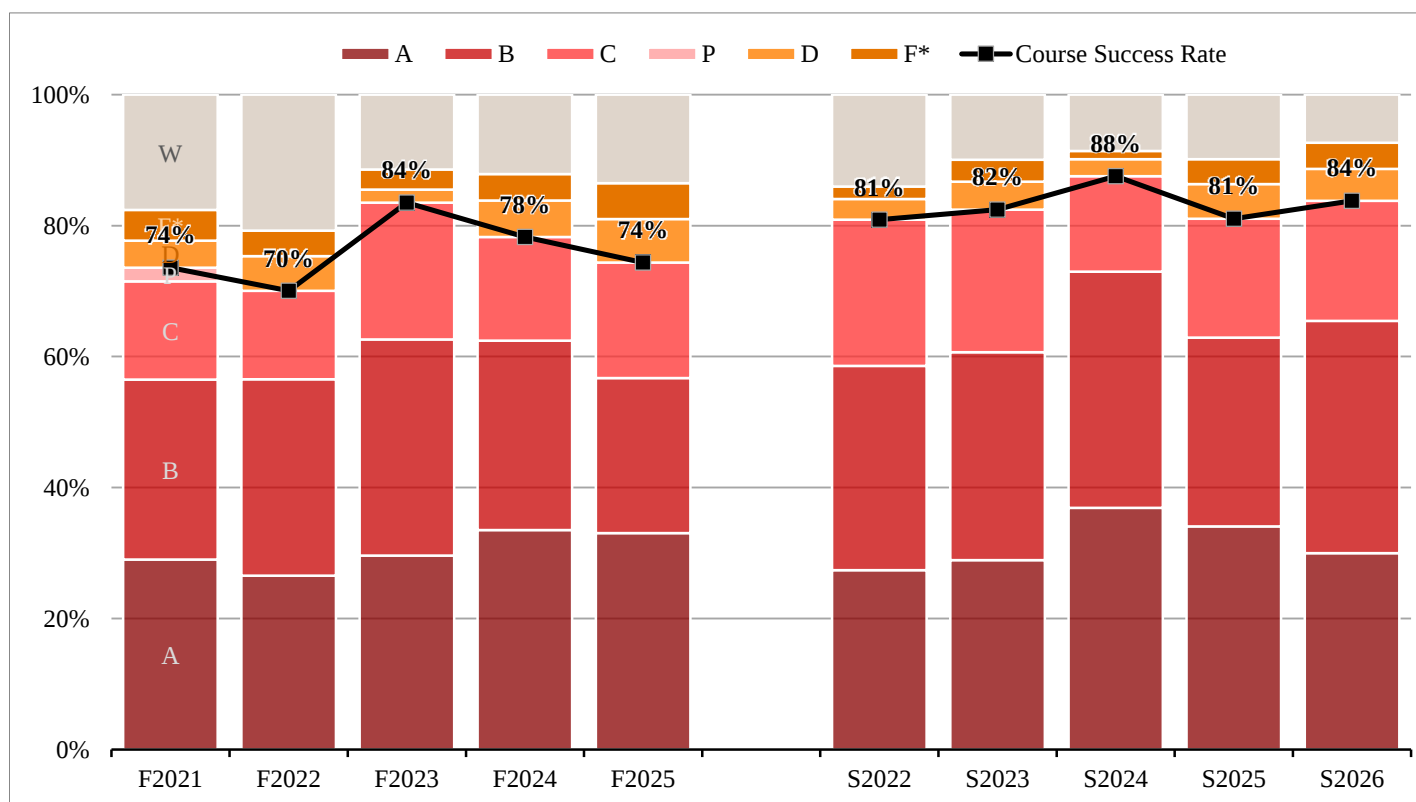
Highest Educational Level of Students

Physics (PHYS)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
High School/Adult School	4	3	8	8	4	5	1	10	13	6
Freshmen (<30 units)	38	42	65	67	60	43	56	54	62	72
Sophomore (30-59 units)	74	92	118	135	163	49	69	85	84	107
Other Undergraduate (60 units or more)	55	50	66	67	83	53	75	75	92	121
AA/AS Degree	3	2	6	5	8	1	3	3	3	6
BA/BS or Higher Degree	3	6	5	11	16	3	1	4	5	9
% High School/Adult School	2%	2%	3%	3%	1%	3%	<1%	4%	5%	2%
% Freshmen (<30 units)	21%	22%	24%	23%	18%	28%	27%	23%	24%	22%
% Sophomore (30-59 units)	42%	47%	44%	46%	49%	32%	34%	37%	32%	33%
% Other Undergraduate (60 units or more)	31%	26%	25%	23%	25%	34%	37%	32%	36%	38%
% AA/AS Degree	2%	1%	2%	2%	2%	1%	1%	1%	1%	2%
% BA/BS or Higher Degree	2%	3%	2%	4%	5%	2%	<1%	2%	2%	3%



Student Performance: Grade Distribution

Physics (PHYS)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Total Course Enrollments	193	207	297	322	363	157	212	233	264	327
Course Success Rates	74%	70%	84%	78%	74%	81%	82%	88%	81%	84%
A	29%	27%	30%	34%	33%	27%	29%	37%	34%	30%
B	27%	30%	33%	29%	24%	31%	32%	36%	29%	35%
C	15%	14%	21%	16%	18%	22%	22%	15%	18%	18%
P	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Course Non-Success Rate	9%	9%	5%	10%	12%	5%	8%	4%	9%	9%
D	4%	5%	2%	6%	7%	3%	4%	3%	5%	5%
F*	5%	4%	3%	4%	6%	2%	3%	1%	4%	4%
Withdrawals (See Note)	18%	21%	11%	12%	13%	14%	10%	9%	10%	7%



Definitions:

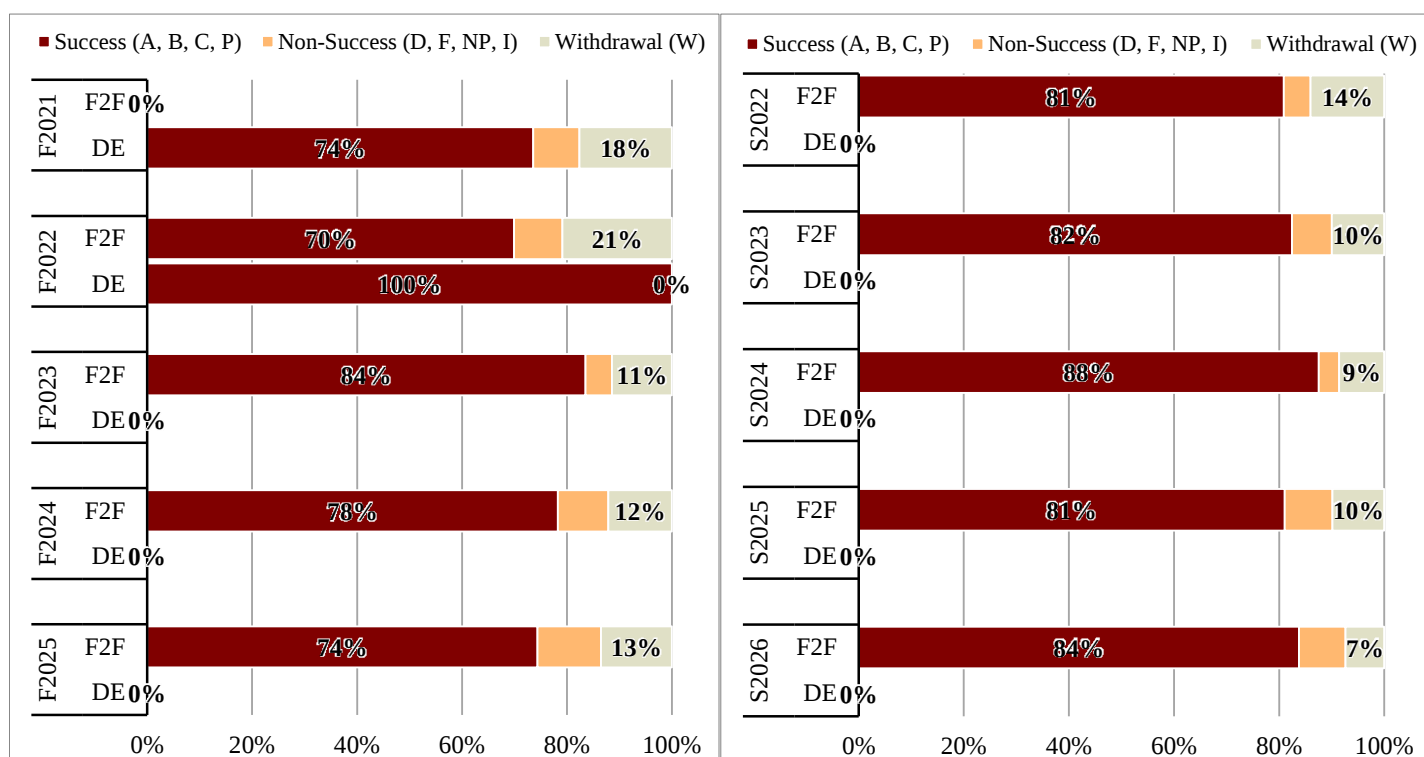
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

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)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Total Course Enrollments	193	207	297	322	363	157	212	233	264	327
Face-to-Face (F2F) Sections	0	206	297	322	363	157	212	233	264	327
Success Rates	—	70%	84%	78%	74%	81%	82%	88%	81%	84%
Non-Success Rates	—	9%	5%	10%	12%	5%	8%	4%	9%	9%
Withdrawals	—	21%	11%	12%	13%	14%	10%	9%	10%	7%
Distance Education (DE) Sections	193	1	0	0	0	0	0	0	0	0
Success Rates	74%	100%	—	—	—	—	—	—	—	—
Non-Success Rates	9%	0%	—	—	—	—	—	—	—	—
Withdrawals	18%	0%	—	—	—	—	—	—	—	—



Definitions:

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

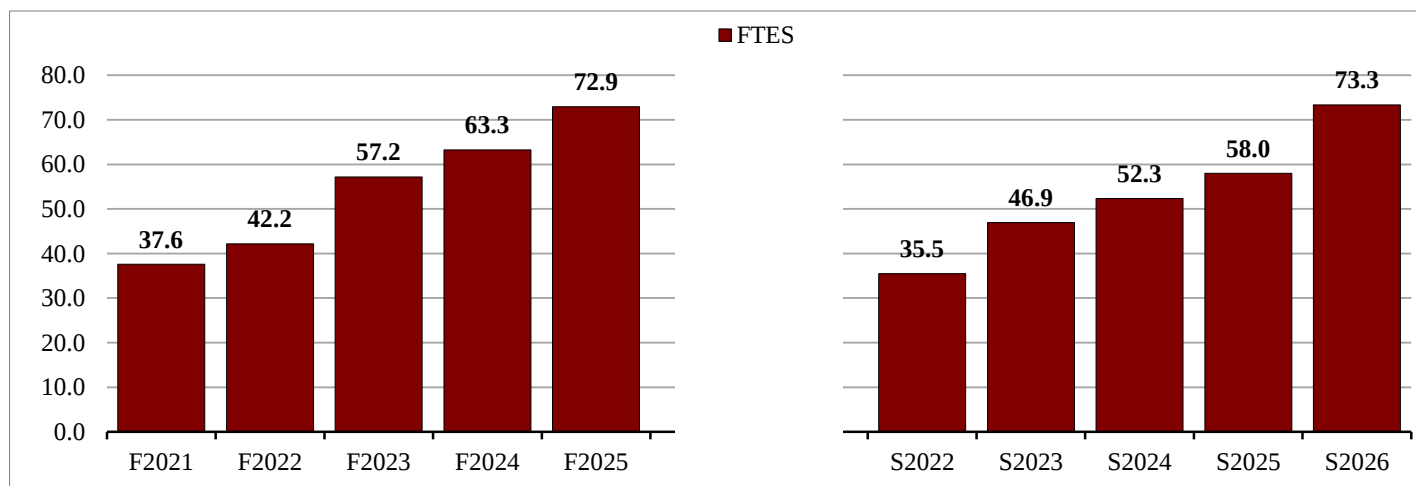
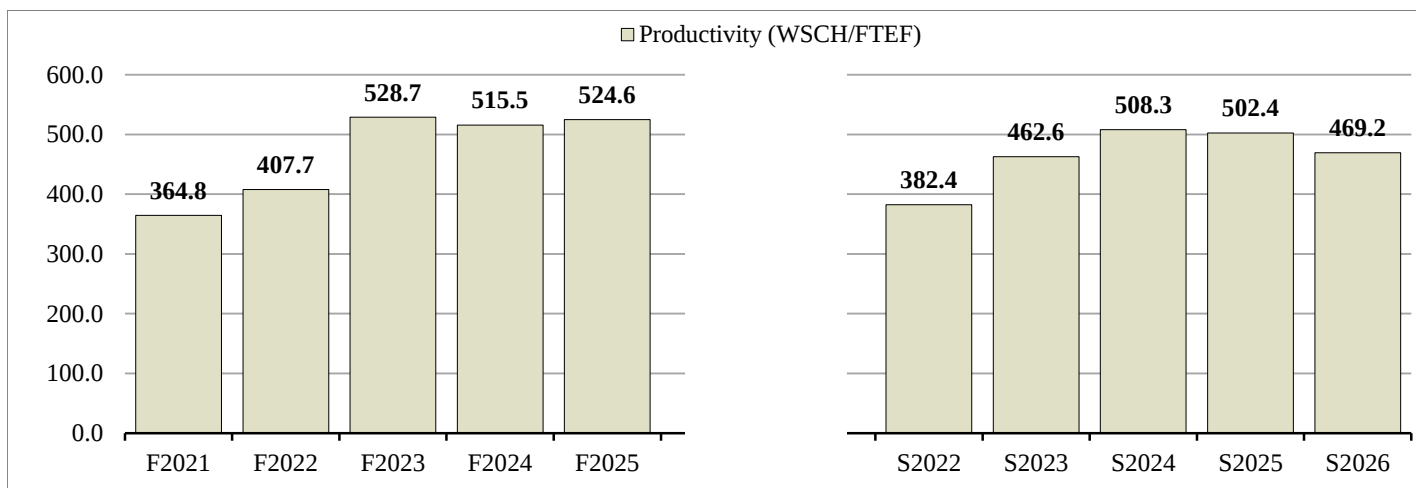
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

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 deliver course content online. (see note in "Students Using Distance Education" for details.)

Enrollment Management: Part 1

	Physics (PHYS)									
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
WSCH	1,156	1,292	1,768	1,951	2,217	1,080	1,449	1,592	1,795	2,215
FTES	37.6	42.2	57.2	63.3	72.9	35.5	46.9	52.3	58.0	73.3
FTEF	3.2	3.2	3.3	3.8	4.2	2.8	3.1	3.1	3.6	4.7
Productivity (WSCH/FTEF)	364.8	407.7	528.7	515.5	524.6	382.4	462.6	508.3	502.4	469.2



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.

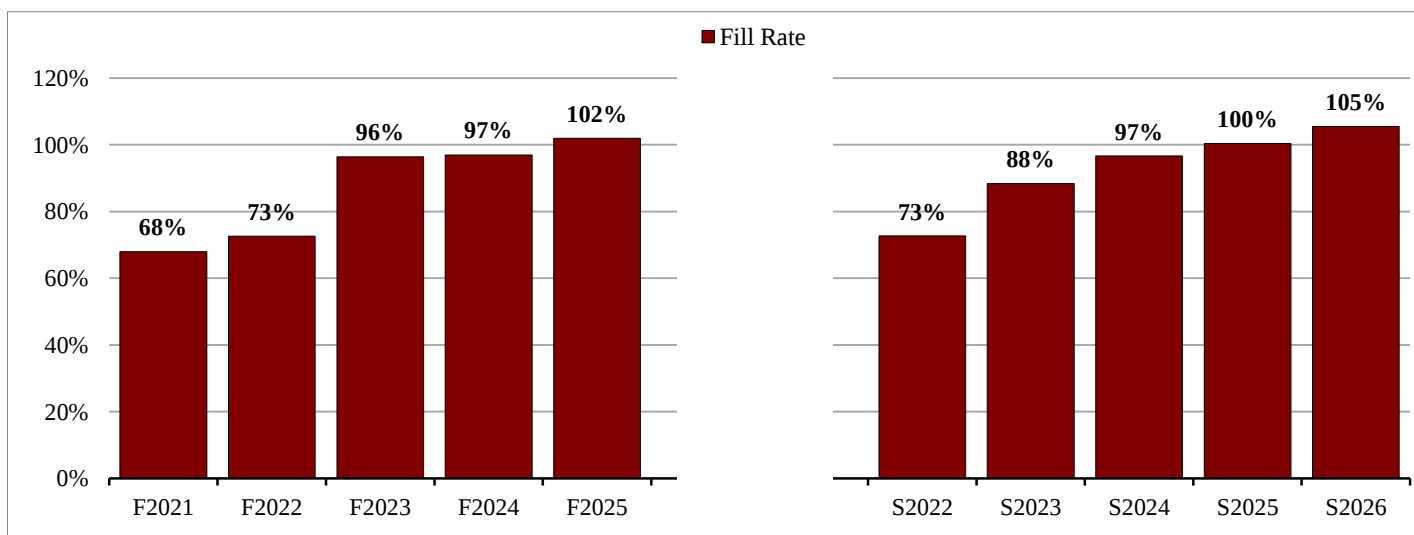
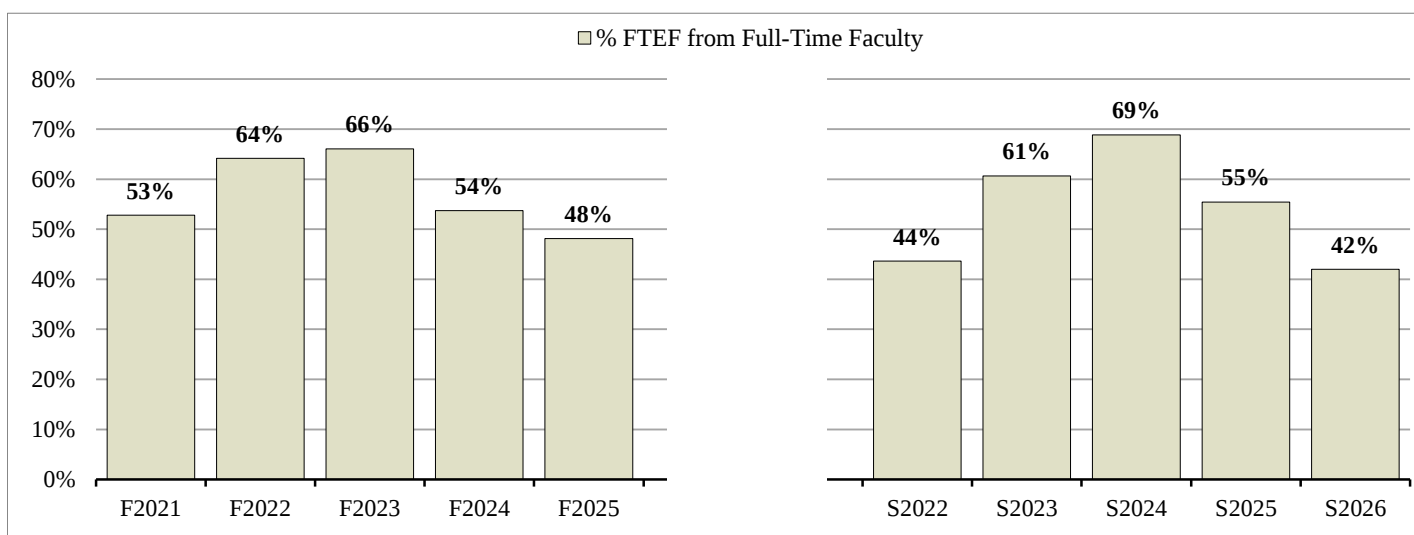
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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 7/25/23.

Enrollment Management: Part 2

Physics (PHYS)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
FTEF from Full-Time Faculty	1.7	2.0	2.2	2.0	2.0	1.2	1.9	2.2	2.0	2.0
% FTEF from Full-Time Faculty	53%	64%	66%	54%	48%	44%	61%	69%	55%	42%
Enrollments	193	207	297	322	363	157	212	233	264	327
Capacity (seats available)	284	285	308	332	356	216	240	241	263	310
Fill Rate	68%	73%	96%	97%	102%	73%	88%	97%	100%	105%



Definitions:

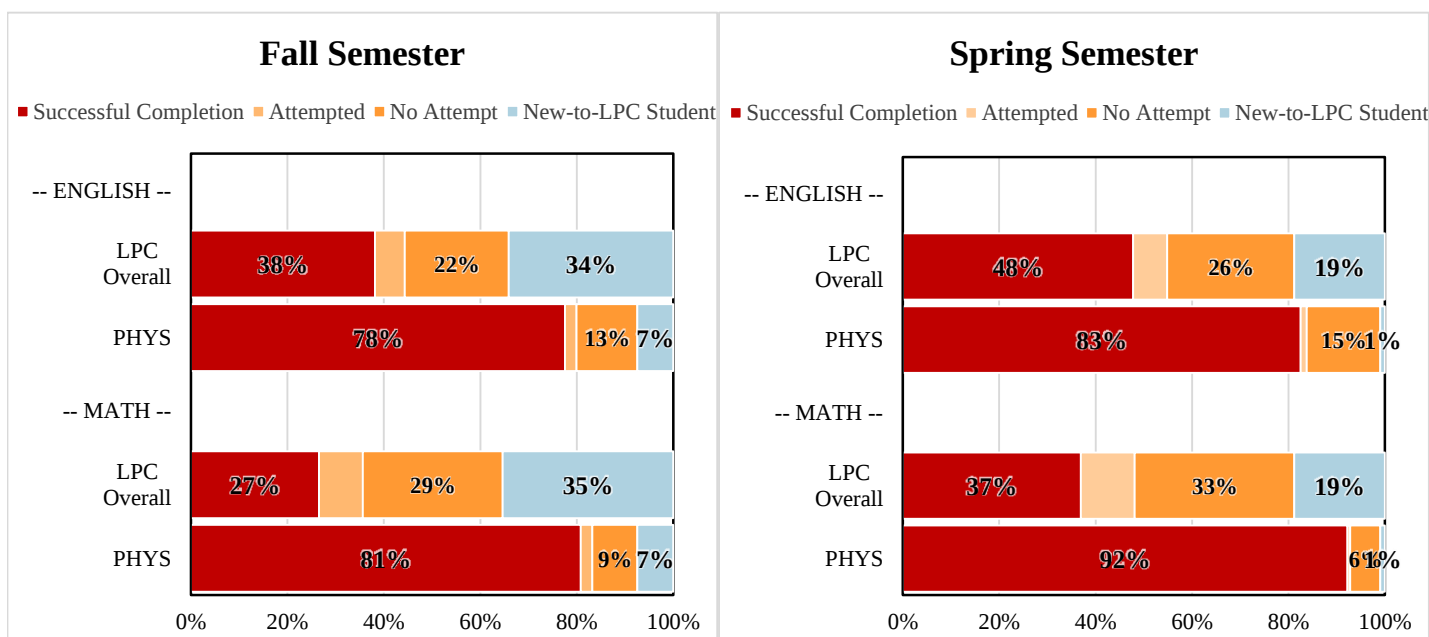
Fill Rate is number of enrollments over the total capacity (seats available).

% 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 7/25/23.

Prior Experience in English & Math

(English and math status prior to the start of the term)	Fall 2025				Spring 2026			
	PHYS		LPC Overall		PHYS		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
Transfer-level English								
Successful Completion*	259	78%	3,416	38%	265	83%	4,091	48%
Attempted (not successful)	8	2%	553	6%	4	1%	607	7%
No Attempt	42	13%	1,931	22%	49	15%	2,260	26%
New-to-LPC Student	25	7%	3,057	34%	3	1%	1,609	19%
Transfer-level Math								
Successful Completion*	270	81%	2,211	27%	296	92%	3,163	37%
Attempted (not successful)	8	2%	756	9%	2	1%	959	11%
No Attempt	31	9%	2,410	29%	20	6%	2,836	33%
New-to-LPC Student	25	7%	2,946	35%	3	1%	1,609	19%



Definitions:

Transfer-Level English:

Successful Completion = earned a passing grade in ENG 1A or 1AEX, or attempted a higher transfer-level course in the sequence in prior terms.

Attempted (no successful completion) = attempted ENG 1A or 1AEX in prior terms but did not receive a passing grade.

No Prior Attempt = no prior enrollment in transfer-level English within the sequence.

New-to-LPC Student = students with no for credit enrollments within our district prior to the current term.

Transfer-Level Math:

Successful Completion = earned a passing grade in a transfer-level math course or attempted a higher transfer-level course in the sequence in prior terms.

Attempted (no successful completion) = attempted a entry transfer-level math course in prior terms but did not receive a passing grade.

No Prior Attempt = no prior enrollment in transfer-level math within the sequence.

New-to-LPC Student = students with no for credit enrollments within our district prior to the current term.