



Las Positas College
Discipline Program Review Data Packet
Fall 2021 to Spring 2026

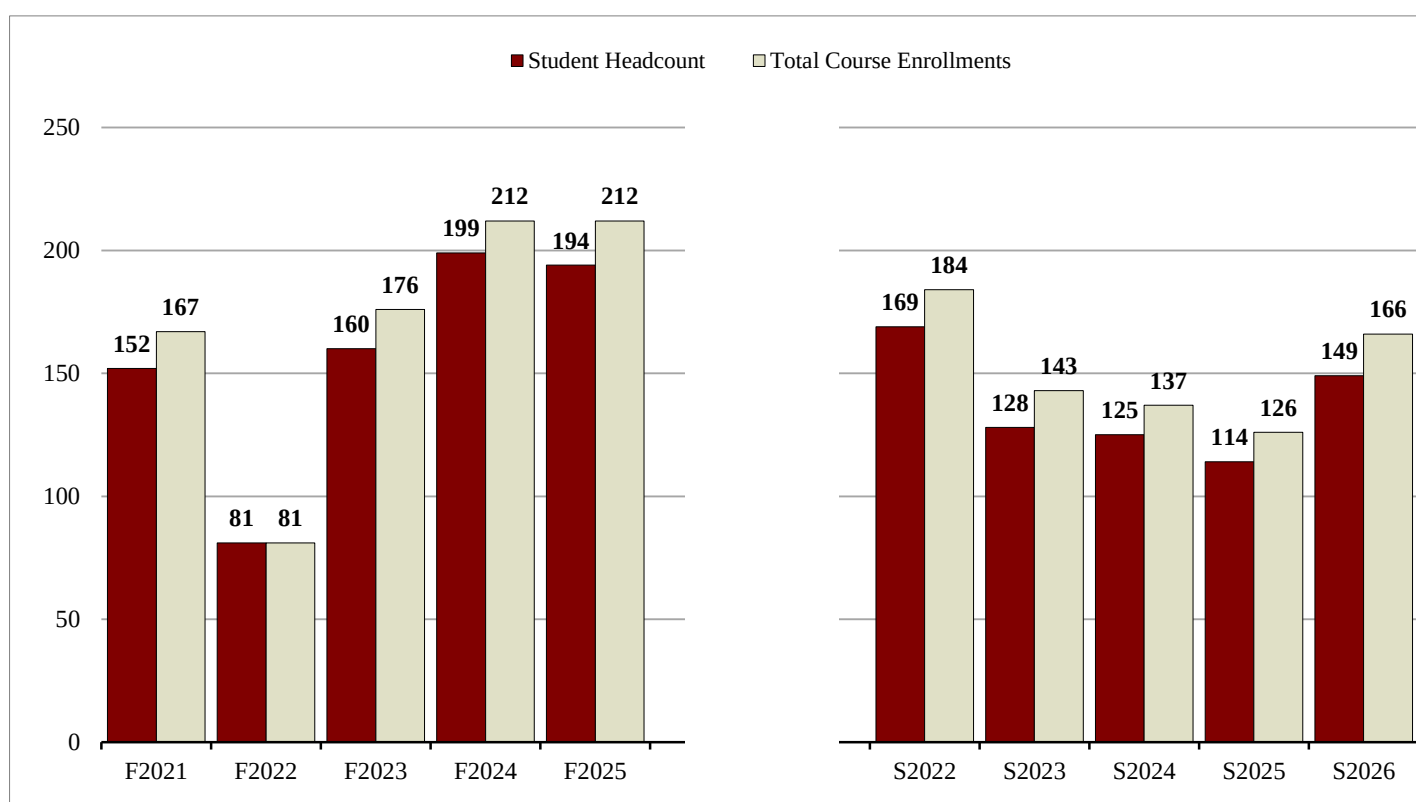
Discipline:

Astronomy (ASTR)

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Headcount & Enrollment

Astronomy (ASTR)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Student Headcount	152	81	160	199	194	169	128	125	114	149
Total Course Enrollments	167	81	176	212	212	184	143	137	126	166



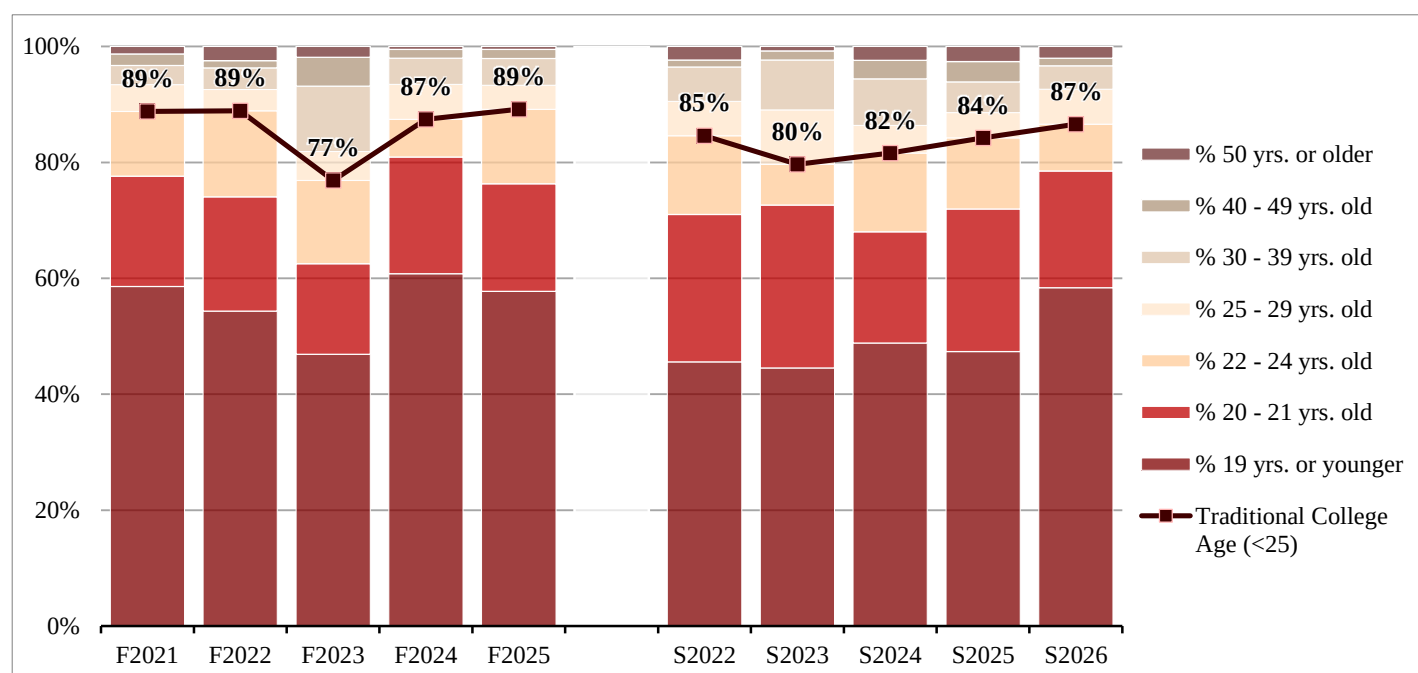
Definitions:

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.

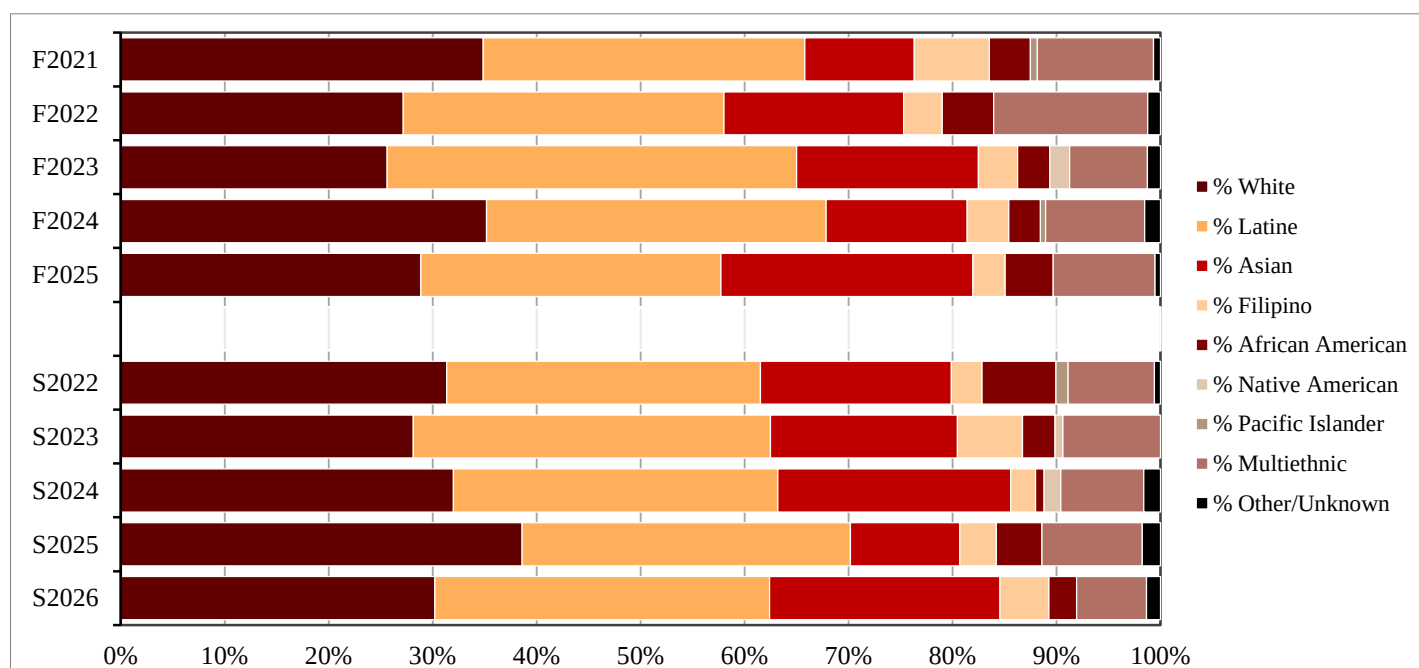
Student Demographics: Gender & Age

Astronomy (ASTR)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Female	82	42	85	83	90	81	74	71	51	71
Male	68	38	67	95	93	85	54	42	59	71
Non-Binary	0	0	0	0	2	0	0	0	2	2
19 yrs. or younger	89	44	75	121	112	77	57	61	54	87
20-21 yrs. old	29	16	25	40	36	43	36	24	28	30
22-24 yrs. old	17	12	23	13	25	23	9	17	14	12
25-29 yrs. old	7	3	8	12	8	10	12	6	5	9
30-39 yrs. old	5	3	18	9	9	10	11	10	6	6
40-49 yrs. old	3	1	8	3	3	2	2	4	4	2
50 yrs. or older	2	2	3	1	1	4	1	3	3	3
% Female	55%	53%	56%	47%	49%	49%	58%	63%	46%	49%
% Male	45%	48%	44%	53%	50%	51%	42%	37%	53%	49%
% Non-Binary	0%	0%	0%	0%	1%	0%	0%	0%	2%	1%
% 19 yrs. or younger	59%	54%	47%	61%	58%	46%	45%	49%	47%	58%
% 20 - 21 yrs. old	19%	20%	16%	20%	19%	25%	28%	19%	25%	20%
% 22 - 24 yrs. old	11%	15%	14%	7%	13%	14%	7%	14%	12%	8%
% 25 - 29 yrs. old	5%	4%	5%	6%	4%	6%	9%	5%	4%	6%
% 30 - 39 yrs. old	3%	4%	11%	5%	5%	6%	9%	8%	5%	4%
% 40 - 49 yrs. old	2%	1%	5%	2%	2%	1%	2%	3%	4%	1%
% 50 yrs. or older	1%	2%	2%	1%	1%	2%	1%	2%	3%	2%



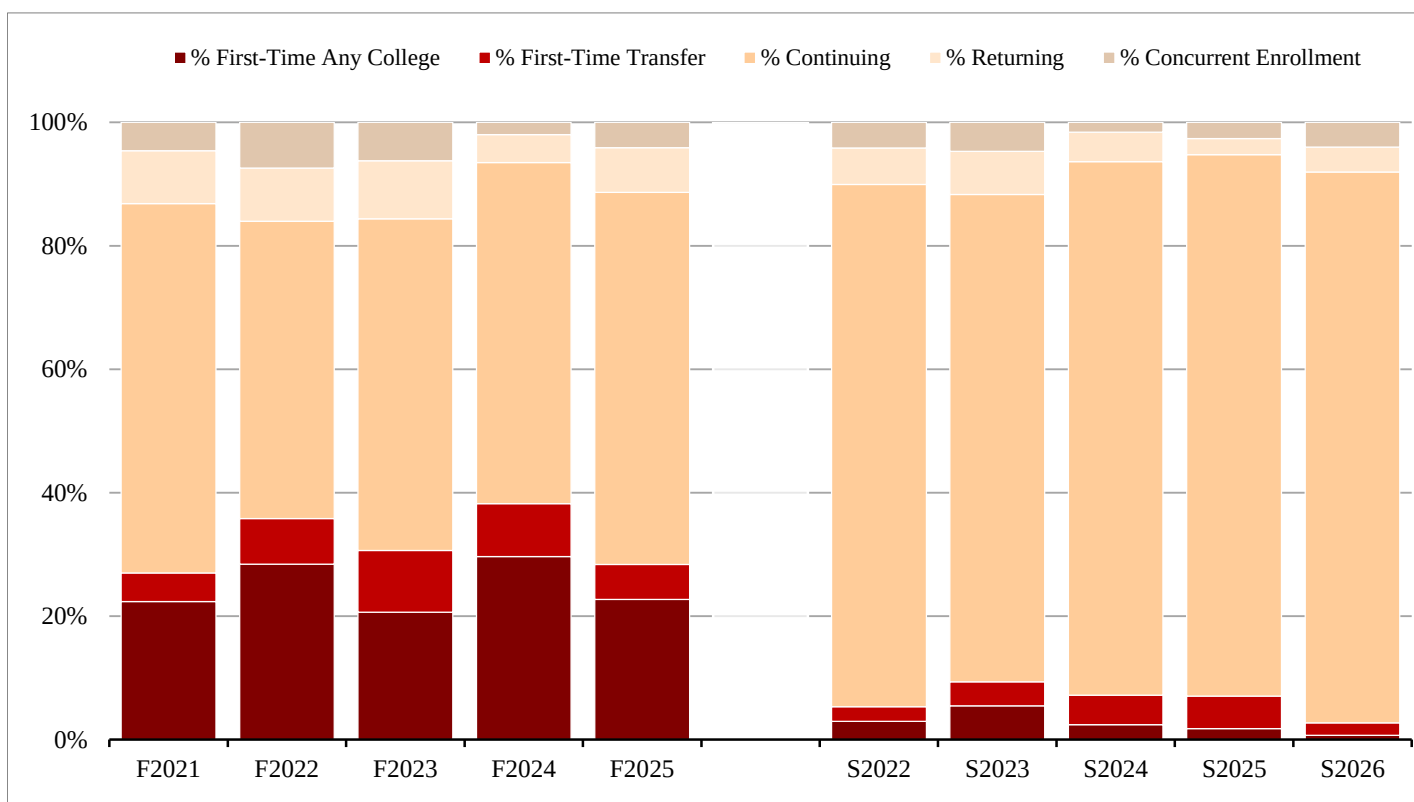
Student Demographic: Race-Ethnicity

Astronomy (ASTR)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
African American	6	4	5	6	9	12	4	1	5	4
Asian	16	14	28	27	47	31	23	28	12	33
Filipino	11	3	6	8	6	5	8	3	4	7
Latine	47	25	63	65	56	51	44	39	36	48
Native American	0	0	3	0	0	0	1	2	0	0
Pacific Islander	1	0	0	1	0	2	0	0	0	0
White	53	22	41	70	56	53	36	40	44	45
Multiethnic	17	12	12	19	19	14	12	10	11	10
Other/Unknown	1	1	2	3	1	1	0	2	2	2
% African American	4%	5%	3%	3%	5%	7%	3%	1%	4%	3%
% Asian	11%	17%	18%	14%	24%	18%	18%	22%	11%	22%
% Filipino	7%	4%	4%	4%	3%	3%	6%	2%	4%	5%
% Latine	31%	31%	39%	33%	29%	30%	34%	31%	32%	32%
% Native American	0%	0%	2%	0%	0%	0%	1%	2%	0%	0%
% Pacific Islander	1%	0%	0%	1%	0%	1%	0%	0%	0%	0%
% White	35%	27%	26%	35%	29%	31%	28%	32%	39%	30%
% Multiethnic	11%	15%	8%	10%	10%	8%	9%	8%	10%	7%
% Other/Unknown	1%	1%	1%	2%	1%	1%	0%	2%	2%	1%



Student Enrollment Status

	Astronomy (ASTR)									
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
First-Time Any College	34	23	33	59	44	5	7	3	2	1
First-Time Transfer	7	6	16	17	11	4	5	6	6	3
Continuing	91	39	86	110	117	143	101	108	100	133
Returning	13	7	15	9	14	10	9	6	3	6
Concurrent Enrollment	7	6	10	4	8	7	6	2	3	6
% First-Time Any College	22%	28%	21%	30%	23%	3%	5%	2%	2%	1%
% First-Time Transfer	5%	7%	10%	9%	6%	2%	4%	5%	5%	2%
% Continuing	60%	48%	54%	55%	60%	85%	79%	86%	88%	89%
% Returning	9%	9%	9%	5%	7%	6%	7%	5%	3%	4%
% Concurrent Enrollment	5%	7%	6%	2%	4%	4%	5%	2%	3%	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.

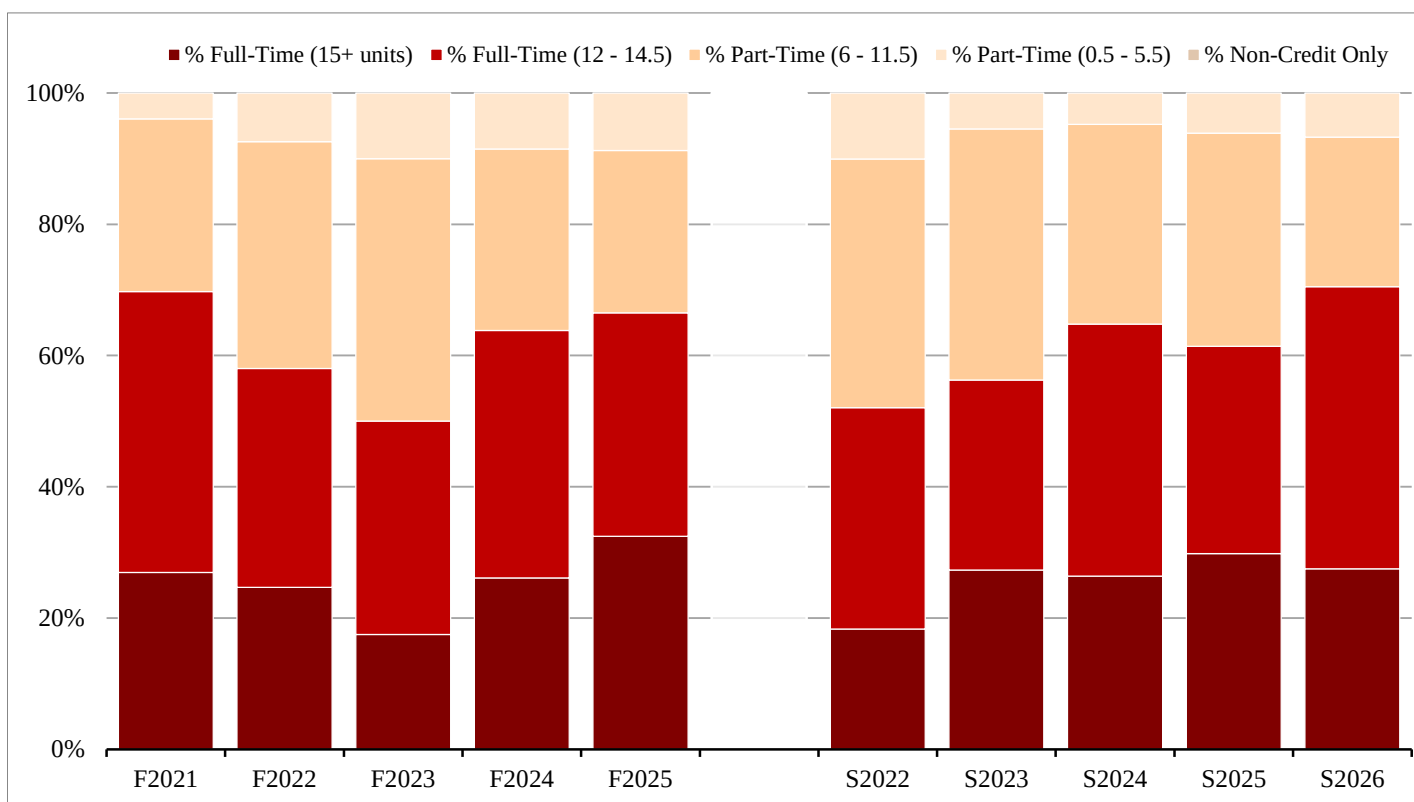
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

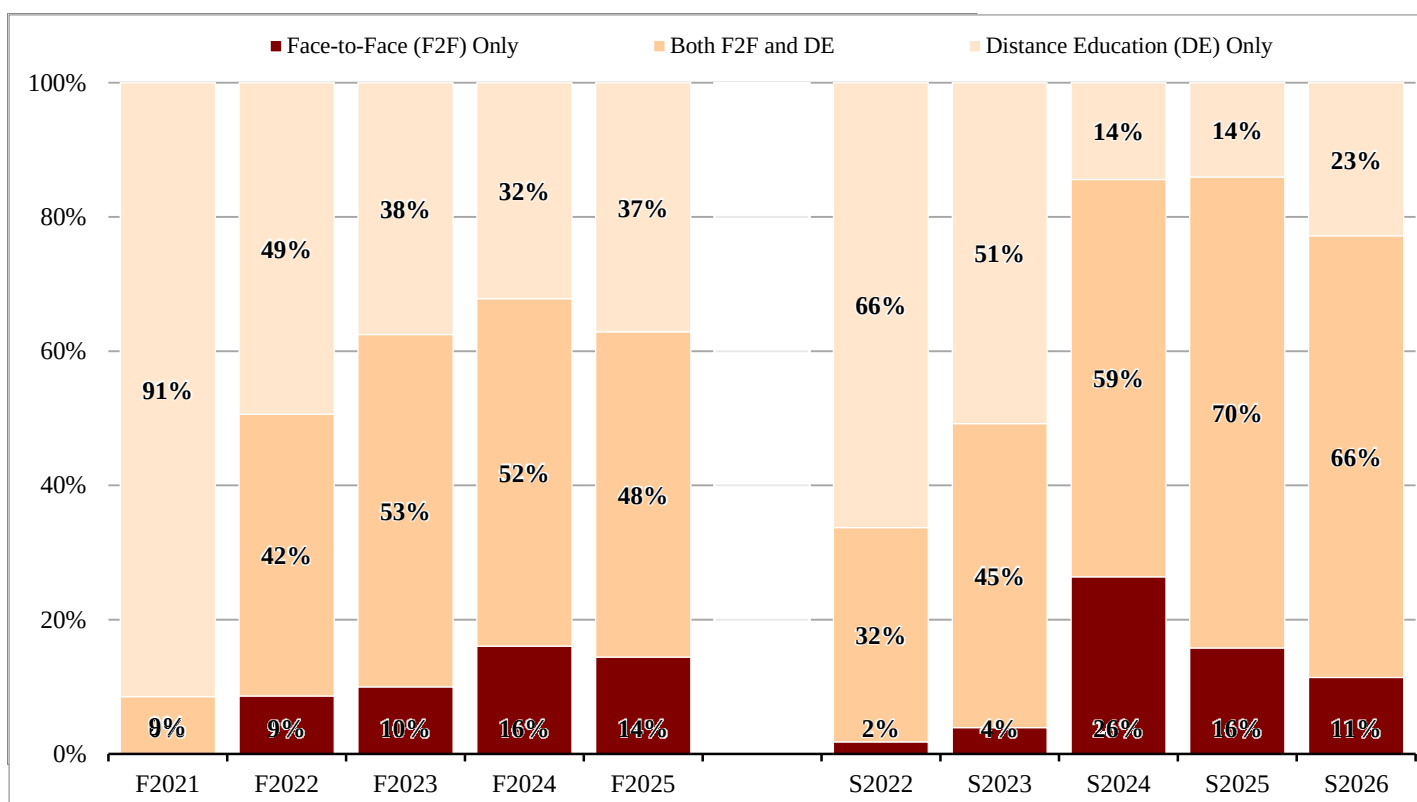
Student Unit Load

Astronomy (ASTR)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Full-Time (15+ units)	41	20	28	52	63	31	35	33	34	41
Full-Time (12 - 14.5 units)	65	27	52	75	66	57	37	48	36	64
Part-Time (6 - 11.5 units)	40	28	64	55	48	64	49	38	37	34
Part-Time (0.5 - 5.5 units)	6	6	16	17	17	17	7	6	7	10
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	27%	25%	18%	26%	32%	18%	27%	26%	30%	28%
% Full-Time (12 - 14.5)	43%	33%	33%	38%	34%	34%	29%	38%	32%	43%
% Part-Time (6 - 11.5)	26%	35%	40%	28%	25%	38%	38%	30%	32%	23%
% Part-Time (0.5 - 5.5)	4%	7%	10%	9%	9%	10%	5%	5%	6%	7%
% Non-Credit Only	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



Students Using Distance Education

Astronomy (ASTR)										
<i>(Categories reflect college-wide coursework)</i>	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Face-to-Face (F2F) Only	0	7	16	32	28	3	5	33	18	17
Both F2F and DE	13	34	84	103	94	54	58	74	80	98
Distance Education (DE) Only	139	40	60	64	72	112	65	18	16	34
% Face-to-Face (F2F) Only	0%	9%	10%	16%	14%	2%	4%	26%	16%	11%
% Both F2F and DE	9%	42%	53%	52%	48%	32%	45%	59%	70%	66%
% Distance Education (DE) Only	91%	49%	38%	32%	37%	66%	51%	14%	14%	23%



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.

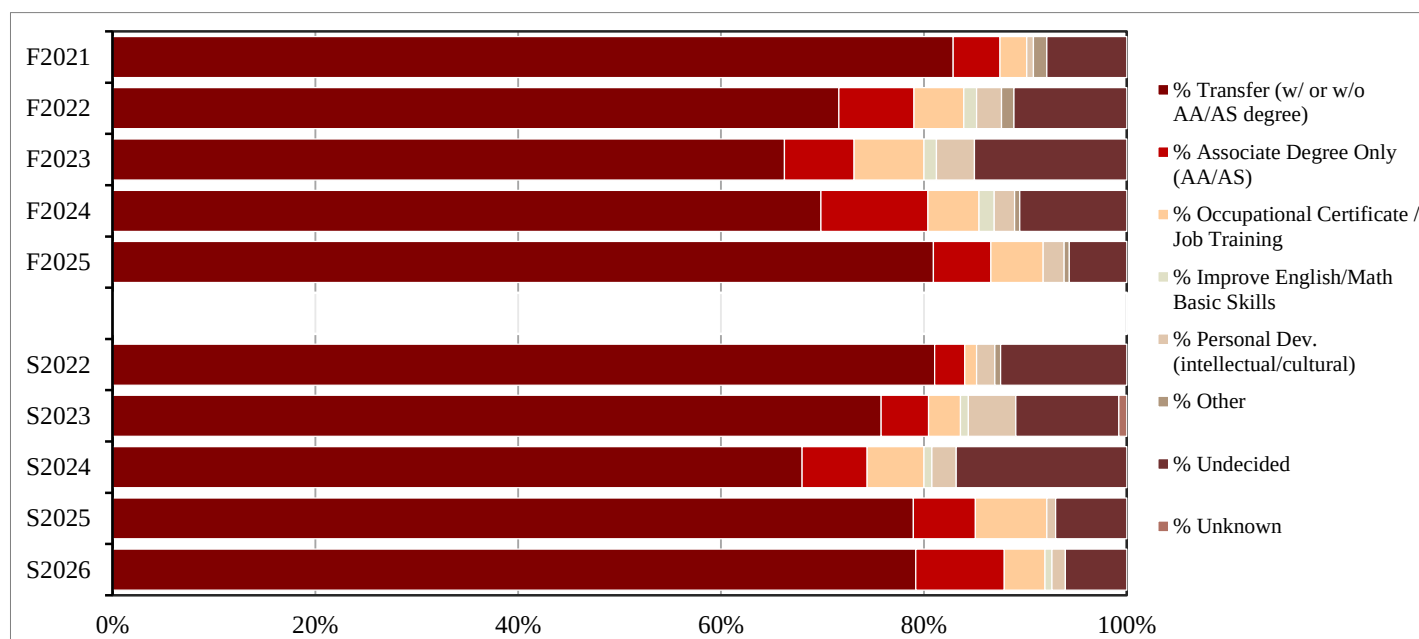
In Summer 2020 and Fall 2020, due to the COVID-19 pandemic, via web comments for each section; identified as any with an online component.

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

Astronomy (ASTR)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Transfer (w/ or w/o AA/AS degree)	126	58	106	139	157	137	97	85	90	118
Associate Degree Only (AA/AS)	7	6	11	21	11	5	6	8	7	13
Occupational Certificate / Job Training	4	4	11	10	10	2	4	7	8	6
Improve English/Math Basic Skills	0	1	2	3	0	0	1	1	0	1
Personal Development (intellectual/cultural)	1	2	6	4	4	3	6	3	1	2
Other	2	1	0	1	1	1	0	0	0	0
Undecided	12	9	24	21	11	21	13	21	8	9
Unknown	0	0	0	0	0	0	1	0	0	0
% Transfer (w/ or w/o AA/AS degree)	83%	72%	66%	70%	81%	81%	76%	68%	79%	79%
% Associate Degree Only (AA/AS)	5%	7%	7%	11%	6%	3%	5%	6%	6%	9%
% Occupational Certificate / Job Training	3%	5%	7%	5%	5%	1%	3%	6%	7%	4%
% Improve English/Math Basic Skills	0%	1%	1%	2%	0%	0%	1%	1%	0%	1%
% Personal Dev. (intellectual/cultural)	1%	2%	4%	2%	2%	2%	5%	2%	1%	1%
% Other	1%	1%	0%	1%	1%	1%	0%	0%	0%	0%
% Undecided	8%	11%	15%	11%	6%	12%	10%	17%	7%	6%
% Unknown	0%	0%	0%	0%	0%	0%	1%	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.

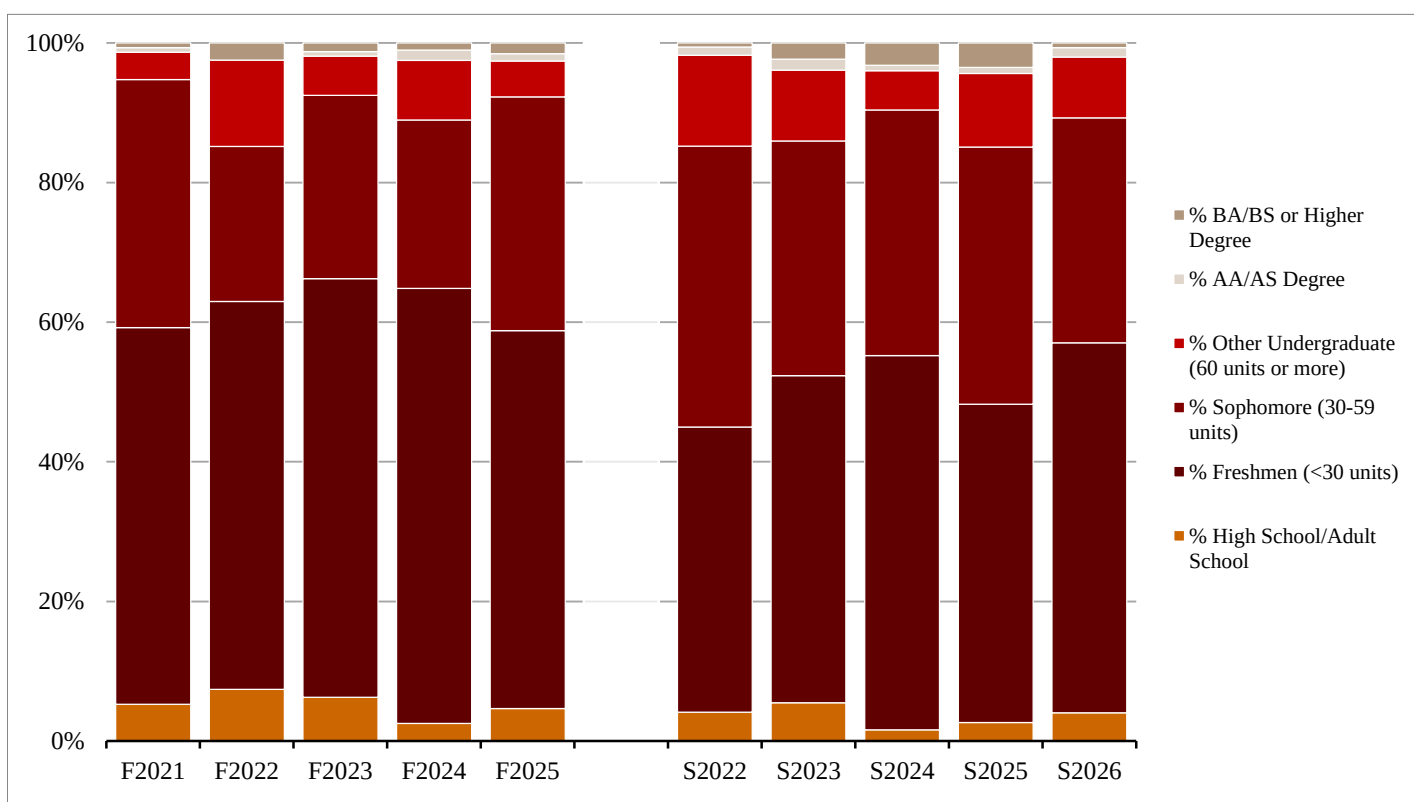
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

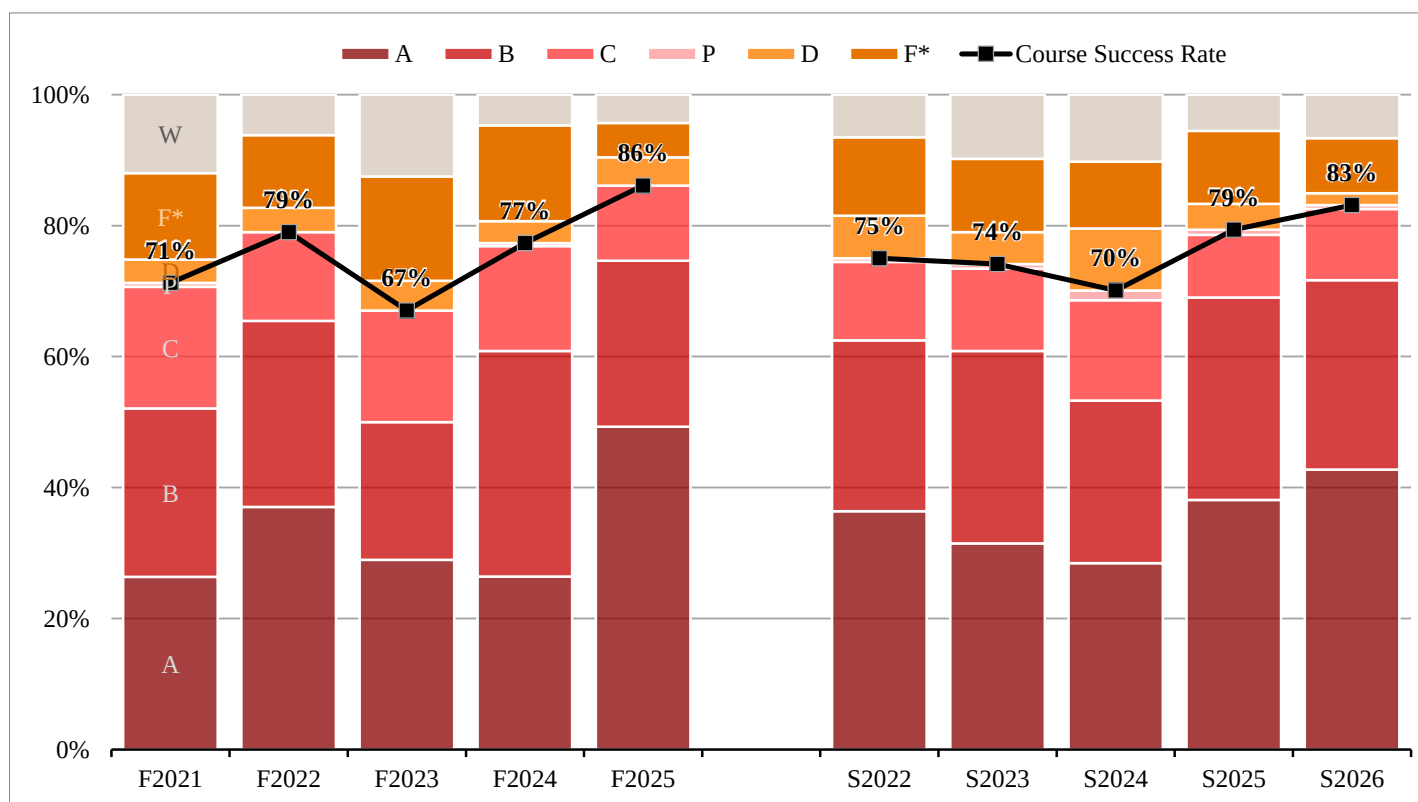
Highest Educational Level of Students

Astronomy (ASTR)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
High School/Adult School	8	6	10	5	9	7	7	2	3	6
Freshmen (<30 units)	82	45	96	124	105	69	60	67	52	79
Sophomore (30-59 units)	54	18	42	48	65	68	43	44	42	48
Other Undergraduate (60 units or more)	6	10	9	17	10	22	13	7	12	13
AA/AS Degree	1	0	1	3	2	2	2	1	1	2
BA/BS or Higher Degree	1	2	2	2	3	1	3	4	4	1
% High School/Adult School	5%	7%	6%	3%	5%	4%	5%	2%	3%	4%
% Freshmen (<30 units)	54%	56%	60%	62%	54%	41%	47%	54%	46%	53%
% Sophomore (30-59 units)	36%	22%	26%	24%	34%	40%	34%	35%	37%	32%
% Other Undergraduate (60 units or more)	4%	12%	6%	9%	5%	13%	10%	6%	11%	9%
% AA/AS Degree	1%	0%	1%	2%	1%	1%	2%	1%	1%	1%
% BA/BS or Higher Degree	1%	2%	1%	1%	2%	1%	2%	3%	4%	1%



Student Performance: Grade Distribution

Astronomy (ASTR)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Total Course Enrollments	167	81	176	212	212	184	143	137	126	166
Course Success Rates	71%	79%	67%	77%	86%	75%	74%	70%	79%	83%
A	26%	37%	29%	26%	49%	36%	31%	28%	38%	43%
B	26%	28%	21%	34%	25%	26%	29%	25%	31%	29%
C	19%	14%	17%	16%	11%	12%	13%	15%	10%	11%
P	1%	0%	0%	<1%	0%	1%	1%	1%	1%	1%
Course Non-Success Rate	17%	15%	20%	18%	10%	18%	16%	20%	15%	10%
D	4%	4%	5%	3%	4%	7%	5%	9%	4%	2%
F*	13%	11%	16%	15%	5%	12%	11%	10%	11%	8%
Withdrawals (See Note)	12%	6%	13%	5%	4%	7%	10%	10%	6%	7%



Definitions:

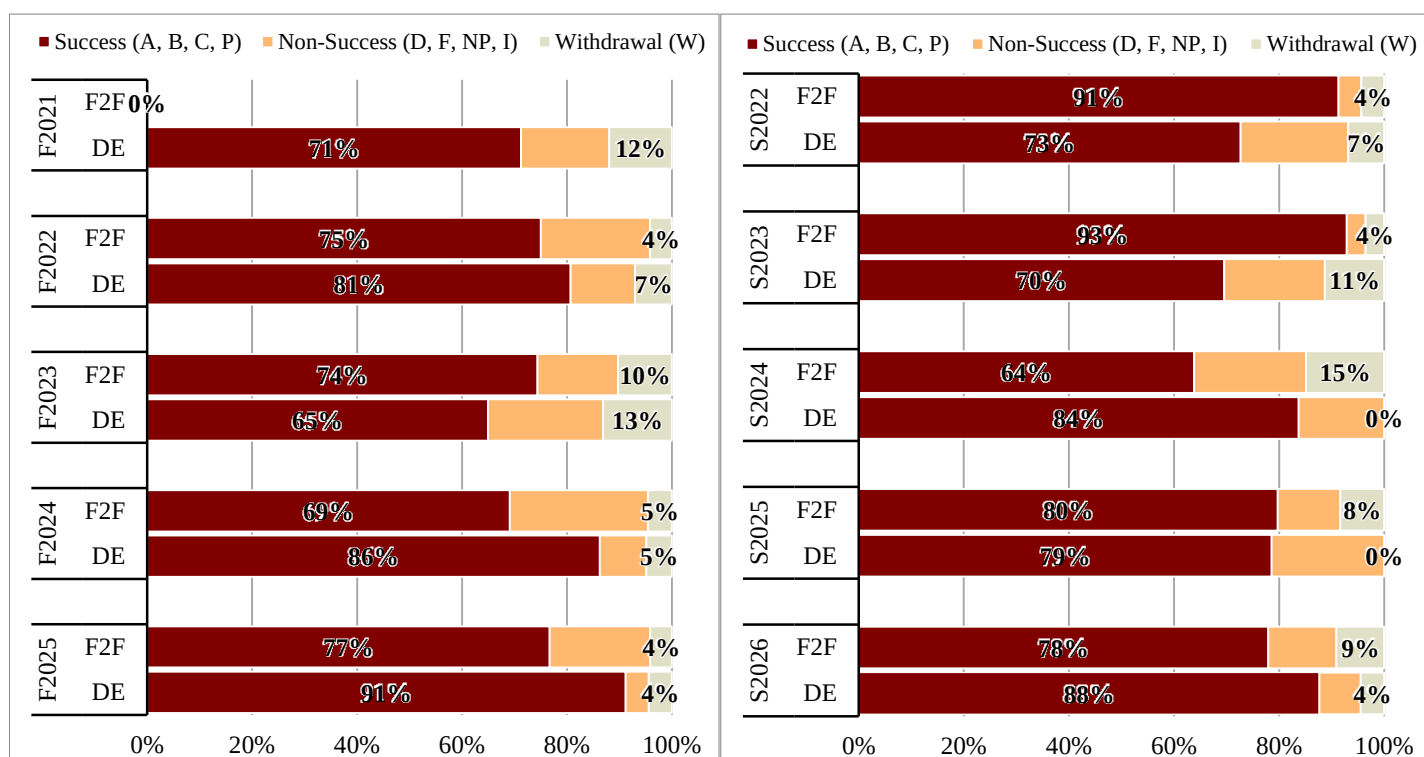
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

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

Astronomy (ASTR)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
Total Course Enrollments	167	81	176	212	212	184	143	137	126	166
Face-to-Face (F2F) Sections	0	24	39	110	76	23	28	94	84	77
Success Rates	—	75%	74%	69%	77%	91%	93%	64%	80%	78%
Non-Success Rates	—	21%	15%	26%	19%	4%	4%	21%	12%	13%
Withdrawals	—	4%	10%	5%	4%	4%	4%	15%	8%	9%
Distance Education (DE) Sections	167	57	137	102	136	161	115	43	42	89
Success Rates	71%	81%	65%	86%	91%	73%	70%	84%	79%	88%
Non-Success Rates	17%	12%	22%	9%	4%	20%	19%	16%	21%	8%
Withdrawals	12%	7%	13%	5%	4%	7%	11%	0%	0%	4%



Definitions:

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

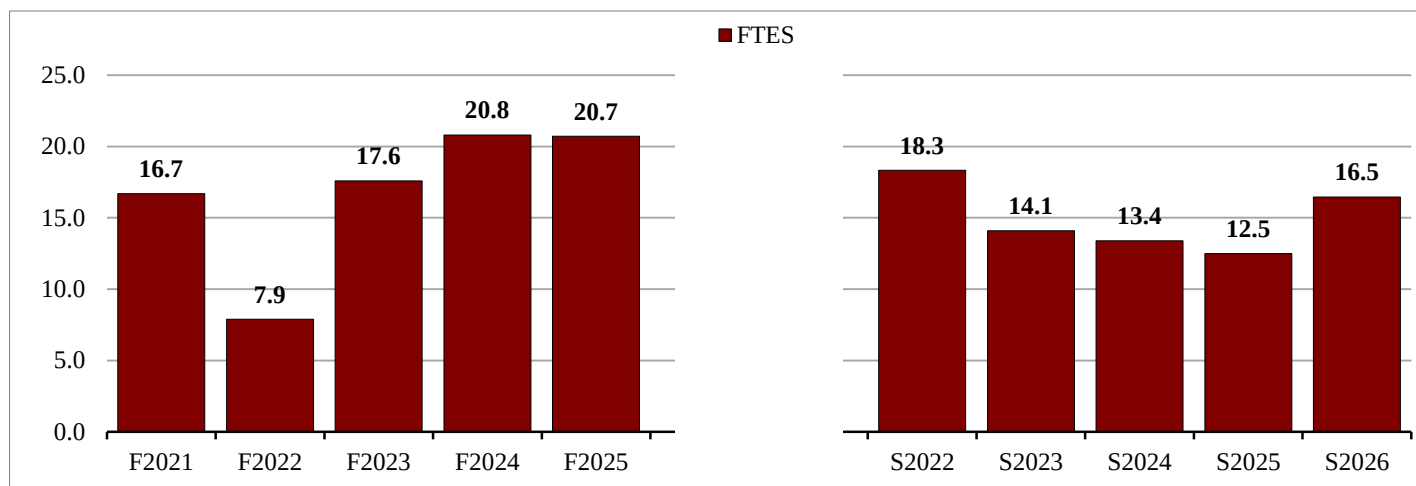
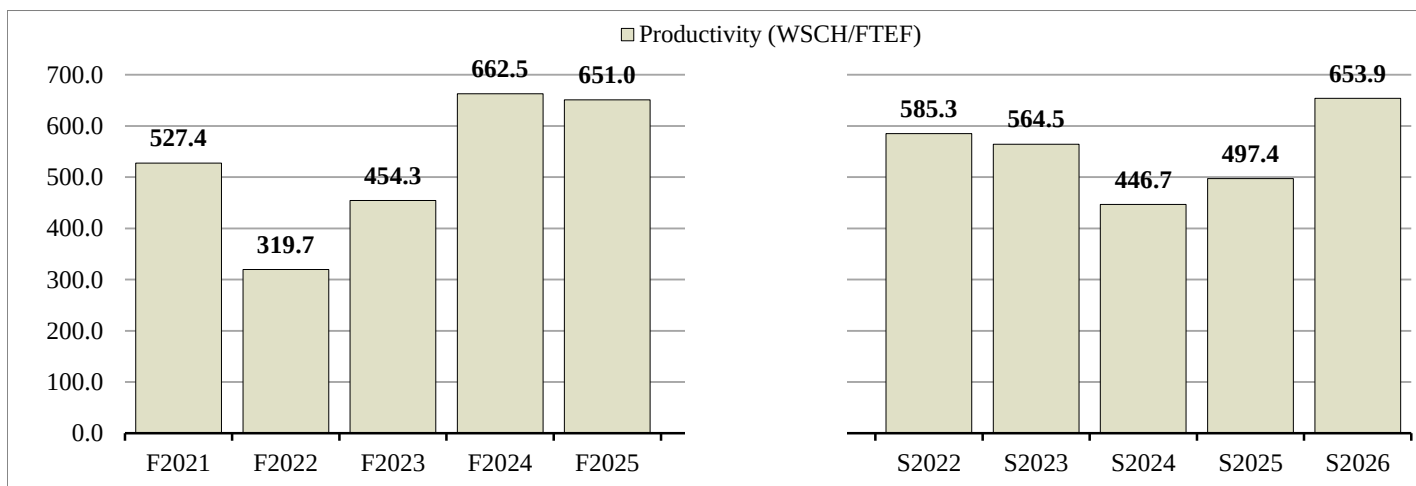
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

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

	Astronomy (ASTR)									
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
WSCH	501	243	527	636	625	556	429	411	378	497
FTES	16.7	7.9	17.6	20.8	20.7	18.3	14.1	13.4	12.5	16.5
FTEF	1.0	0.8	1.2	1.0	1.0	1.0	0.8	0.9	0.8	0.8
Productivity (WSCH/FTEF)	527.4	319.7	454.3	662.5	651.0	585.3	564.5	446.7	497.4	653.9



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.

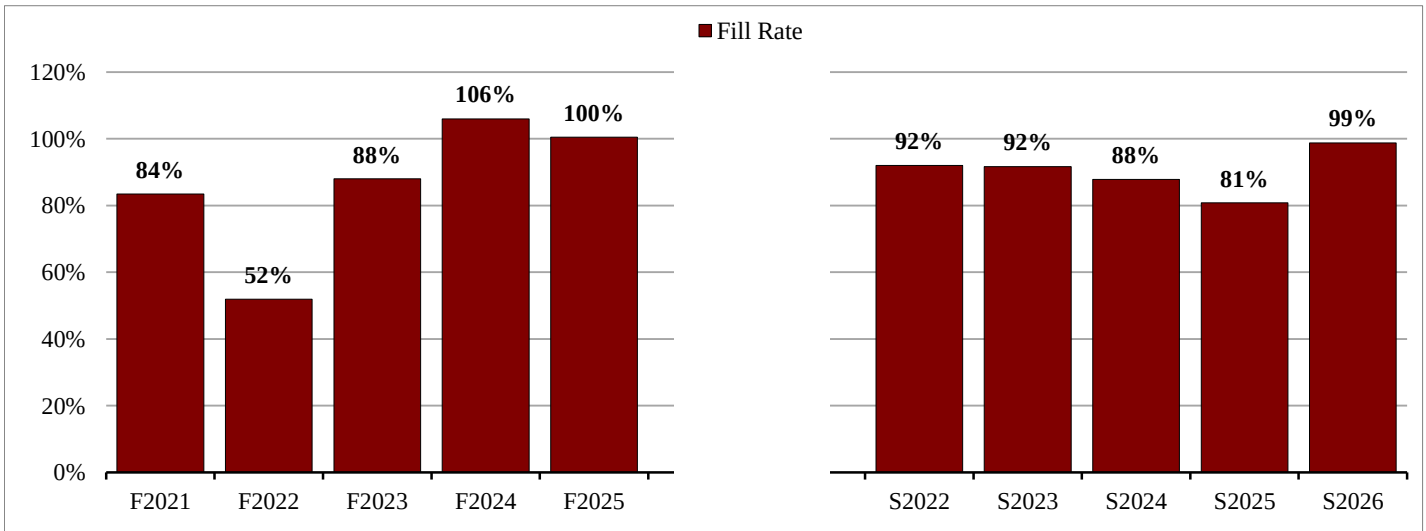
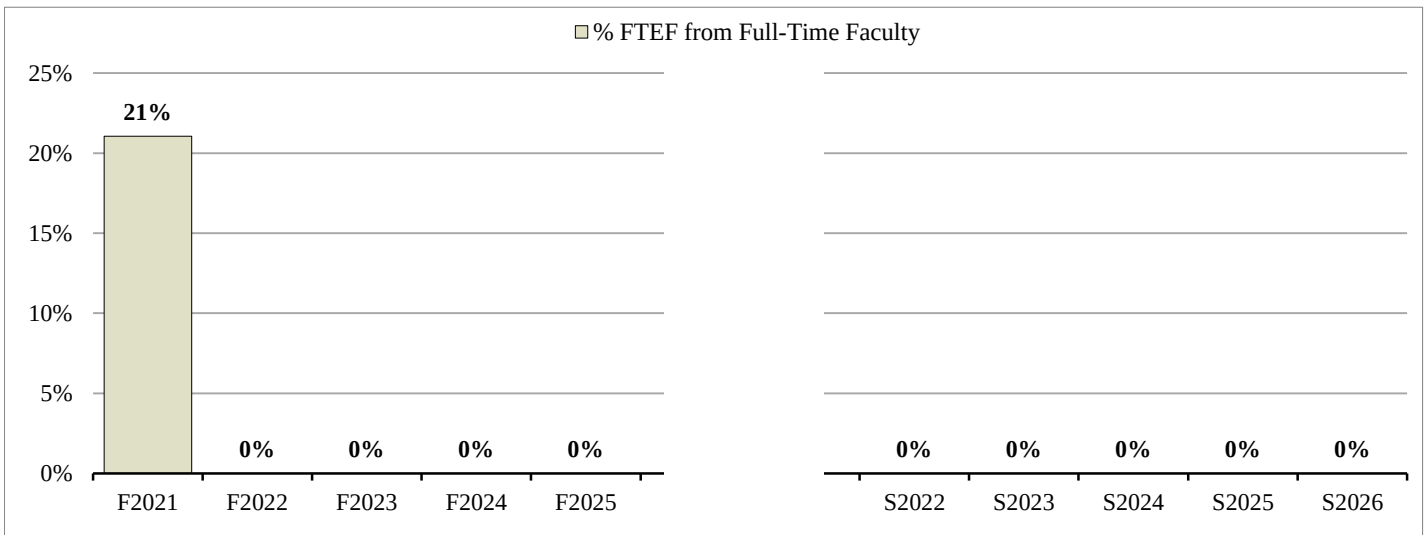
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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 7/25/23.

Enrollment Management: Part 2

Astronomy (ASTR)										
	Fall Terms					Spring Terms				
	F2021	F2022	F2023	F2024	F2025	S2022	S2023	S2024	S2025	S2026
FTEF from Full-Time Faculty	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% FTEF from Full-Time Faculty	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Enrollments	167	81	176	212	212	184	143	137	126	166
Capacity (seats available)	200	156	200	200	211	200	156	156	156	168
Fill Rate	84%	52%	88%	106%	100%	92%	92%	88%	81%	99%



Definitions:

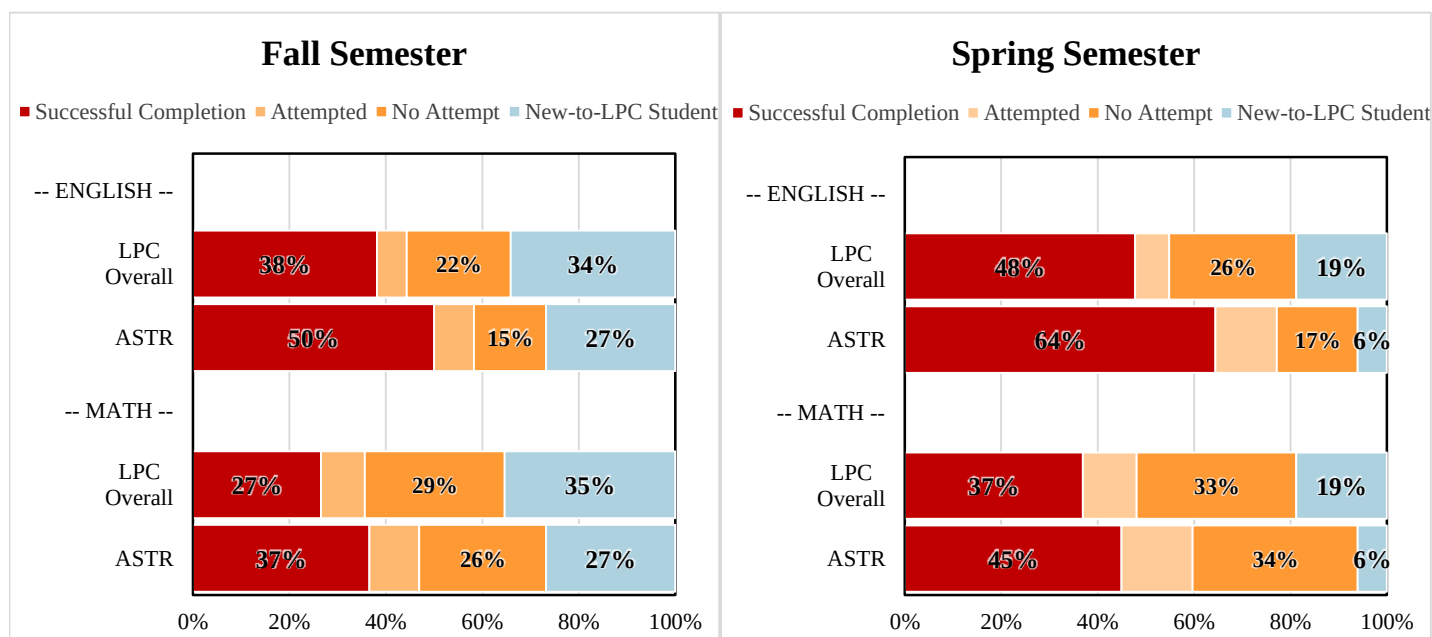
Fill Rate is number of enrollments over the total capacity (seats available).

% 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			
	ASTR		LPC Overall		ASTR		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
Transfer-level English								
Successful Completion*	97	50%	3,416	38%	96	64%	4,091	48%
Attempted (not successful)	16	8%	553	6%	19	13%	607	7%
No Attempt	29	15%	1,931	22%	25	17%	2,260	26%
New-to-LPC Student	52	27%	3,057	34%	9	6%	1,609	19%
Transfer-level Math								
Successful Completion*	71	37%	2,211	27%	67	45%	3,163	37%
Attempted (not successful)	20	10%	756	9%	22	15%	959	11%
No Attempt	51	26%	2,410	29%	51	34%	2,836	33%
New-to-LPC Student	52	27%	2,946	35%	9	6%	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 an 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.