



Las Positas College

**Discipline Program Review Data Packet**

Fall 2018 to Spring 2023

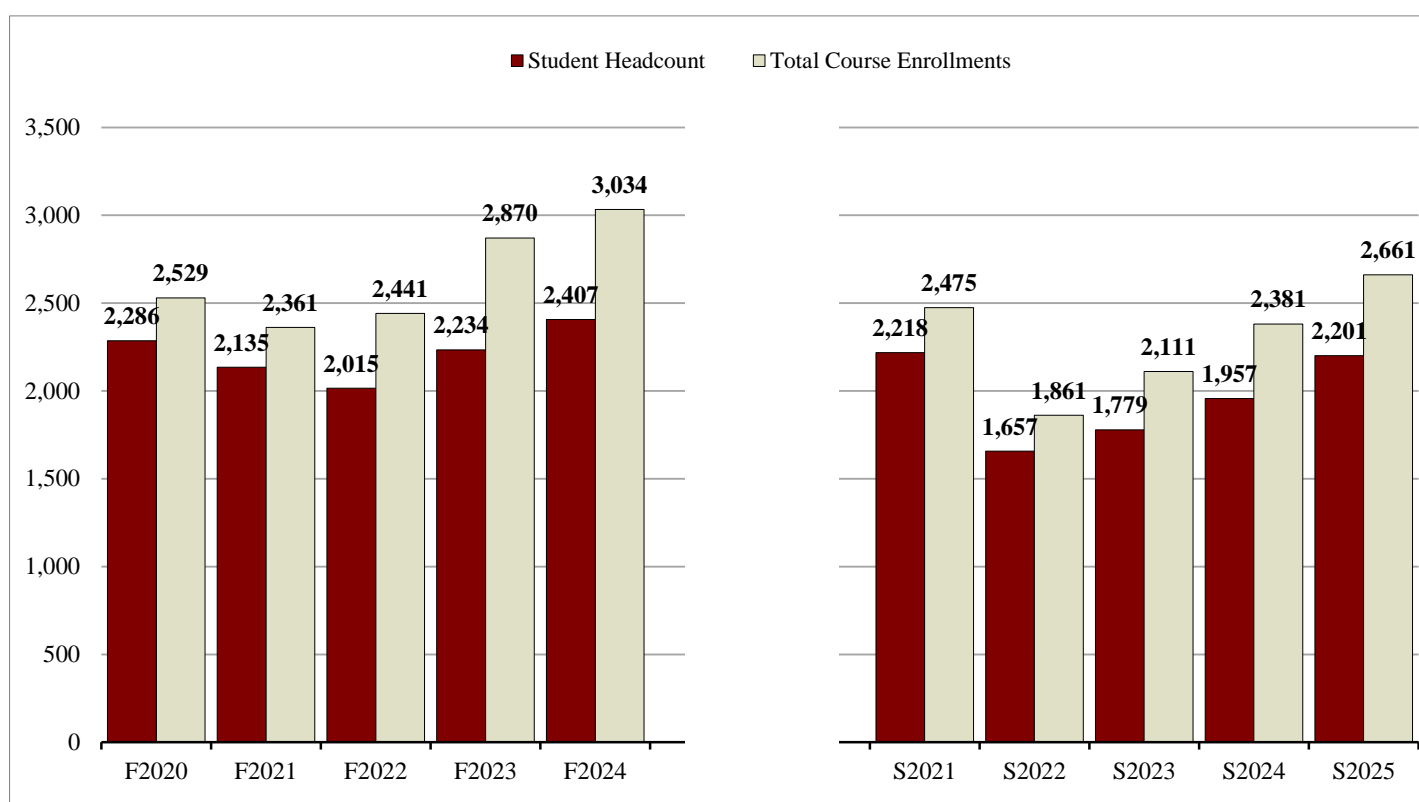
Discipline:

**Mathematics (includes Non-Credit)**  
**(MATH/NMAT)**

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## Headcount & Enrollment

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Student Headcount	2,286	2,135	2,015	2,234	2,407	2,218	1,657	1,779	1,957	2,201
Total Course Enrollments	2,529	2,361	2,441	2,870	3,034	2,475	1,861	2,111	2,381	2,661



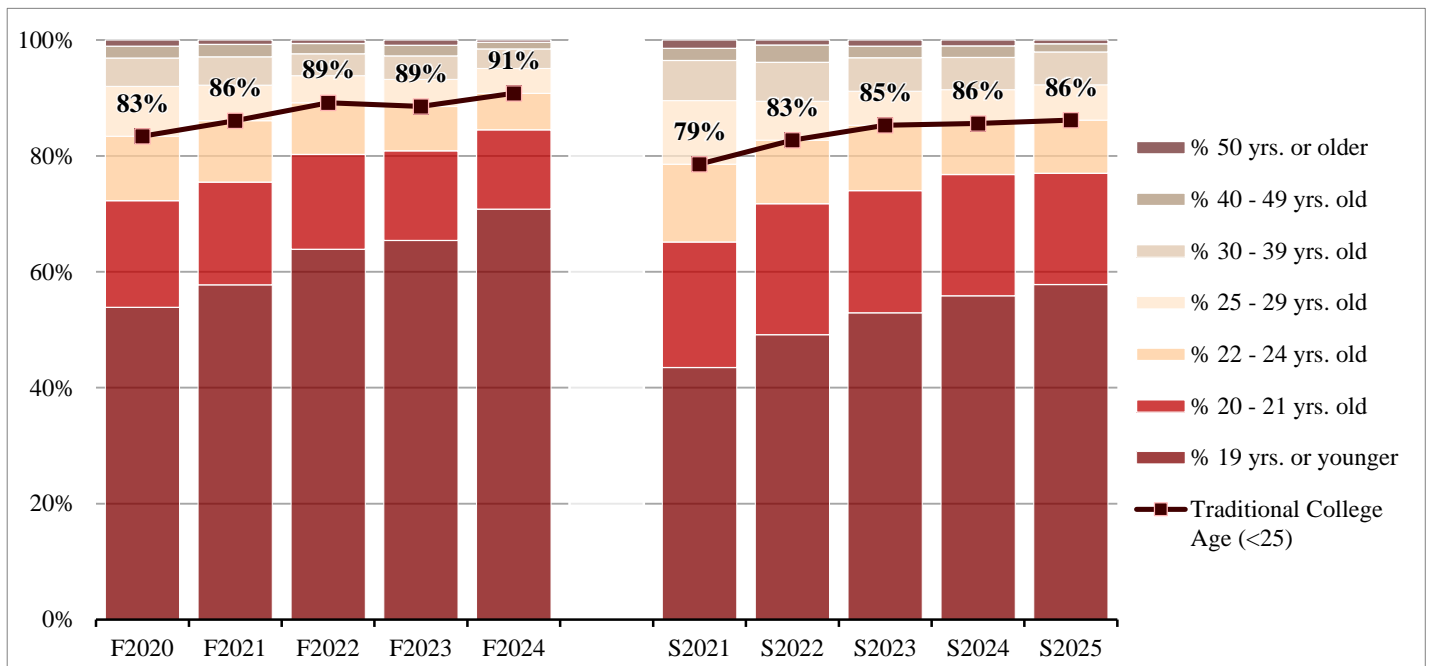
### Definitions:

**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.

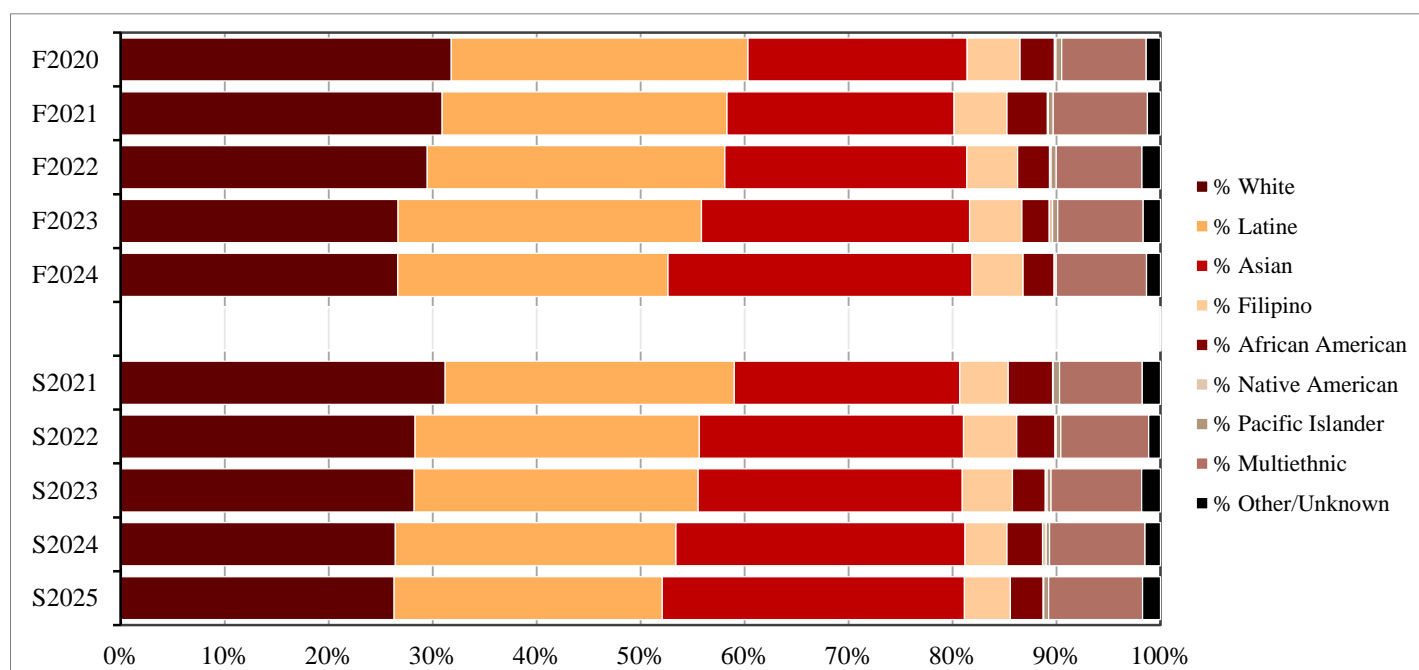
## Student Demographics: Gender & Age

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Female	1,072	1,001	901	932	1,003	1,028	743	773	833	975
Male	1,180	1,103	1,070	1,108	1,258	1,149	886	967	994	1,170
19 yrs. or younger	1,231	1,233	1,287	1,461	1,704	964	814	942	1,093	1,272
20-21 yrs. old	421	378	330	346	330	481	375	375	410	423
22-24 yrs. old	254	227	180	171	152	298	182	200	172	202
25-29 yrs. old	197	131	94	104	103	243	111	105	114	134
30-39 yrs. old	112	104	76	91	81	154	111	102	109	124
40-49 yrs. old	47	46	36	40	28	46	50	36	39	32
50 yrs. or older	24	16	12	21	9	32	14	19	20	14
% Female	48%	48%	46%	46%	44%	47%	46%	44%	46%	45%
% Male	52%	52%	54%	54%	56%	53%	54%	56%	54%	55%
% 19 yrs. or younger	54%	58%	64%	65%	71%	43%	49%	53%	56%	58%
% 20 - 21 yrs. old	18%	18%	16%	15%	14%	22%	23%	21%	21%	19%
% 22 - 24 yrs. old	11%	11%	9%	8%	6%	13%	11%	11%	9%	9%
% 25 - 29 yrs. old	9%	6%	5%	5%	4%	11%	7%	6%	6%	6%
% 30 - 39 yrs. old	5%	5%	4%	4%	3%	7%	7%	6%	6%	6%
% 40 - 49 yrs. old	2%	2%	2%	2%	1%	2%	3%	2%	2%	1%
% 50 yrs. or older	1%	1%	1%	1%	<1%	1%	1%	1%	1%	1%



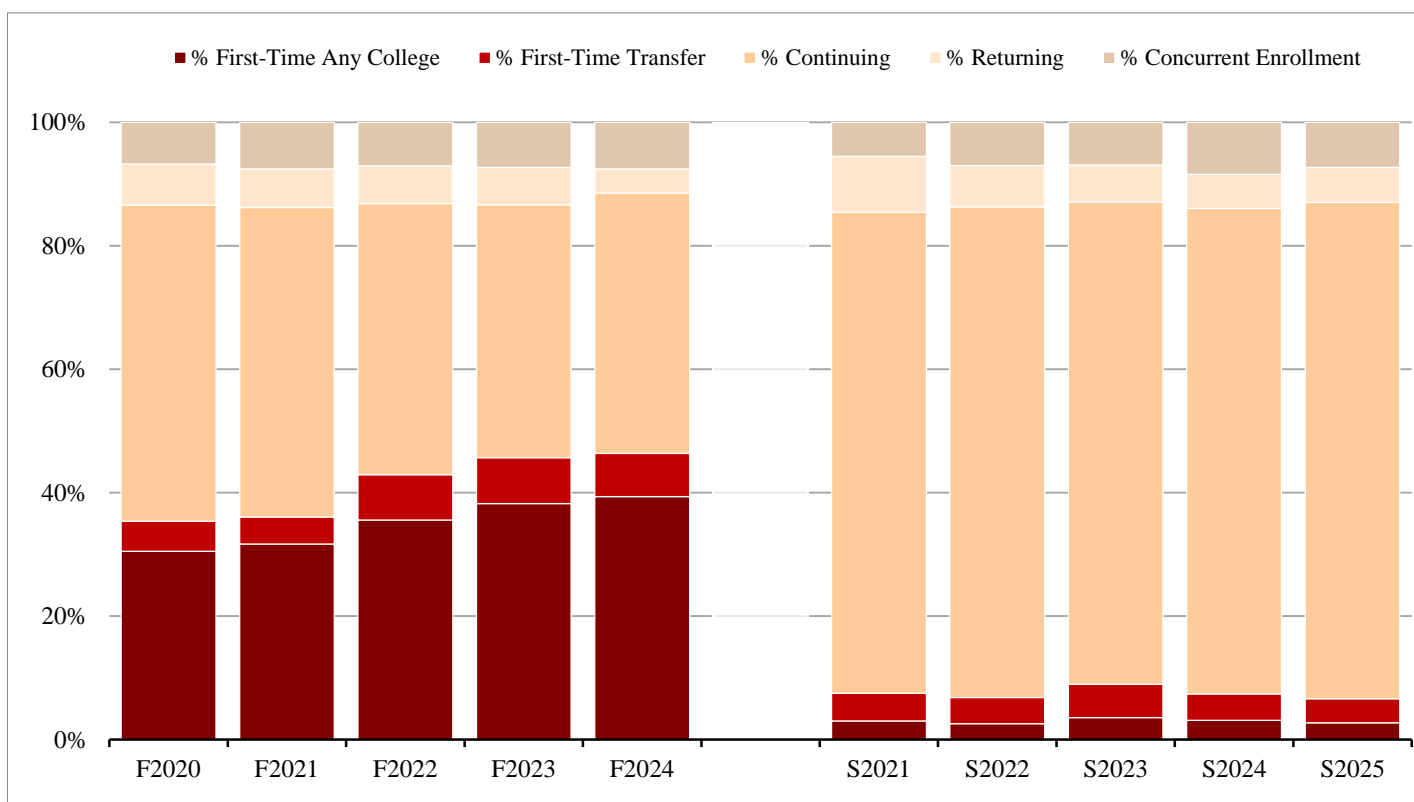
## Student Demographic: Race-Ethnicity

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
African American	76	83	62	59	72	95	61	56	67	70
Asian	482	466	469	576	704	481	421	452	544	640
Filipino	116	109	98	112	118	103	85	86	79	97
Latine	652	585	577	652	626	617	453	486	528	567
Native American	3	2	3	7	1	1	2	3	7	1
Pacific Islander	13	10	10	11	4	14	7	7	6	10
White	727	660	594	596	641	692	469	502	517	579
Multiethnic	186	193	166	184	209	176	140	155	180	199
Other/Unknown	31	27	36	37	32	39	19	32	29	38
% African American	3%	4%	3%	3%	3%	4%	4%	3%	3%	3%
% Asian	21%	22%	23%	26%	29%	22%	25%	25%	28%	29%
% Filipino	5%	5%	5%	5%	5%	5%	5%	5%	4%	4%
% Latine	29%	27%	29%	29%	26%	28%	27%	27%	27%	26%
% Native American	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%
% Pacific Islander	1%	<1%	0%	0%	<1%	1%	<1%	<1%	<1%	<1%
% White	32%	31%	29%	27%	27%	31%	28%	28%	26%	26%
% Multiethnic	8%	9%	8%	8%	9%	8%	8%	9%	9%	9%
% Other/Unknown	1%	1%	2%	2%	1%	2%	1%	2%	1%	2%



## Student Enrollment Status

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
First-Time Any College	697	676	717	854	947	67	43	63	61	60
First-Time Transfer	112	94	148	166	169	99	70	97	84	85
Continuing	1,171	1,070	885	916	1,016	1,728	1,317	1,389	1,539	1,771
Returning	152	134	123	135	93	201	111	107	108	124
Concurrent Enrollment	154	161	142	163	182	123	116	123	165	161
% First-Time Any College	30%	32%	36%	38%	39%	3%	3%	4%	3%	3%
% First-Time Transfer	5%	4%	7%	7%	7%	4%	4%	5%	4%	4%
% Continuing	51%	50%	44%	41%	42%	78%	79%	78%	79%	80%
% Returning	7%	6%	6%	6%	4%	9%	7%	6%	6%	6%
% Concurrent Enrollment	7%	8%	7%	7%	8%	6%	7%	7%	8%	7%



### 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.

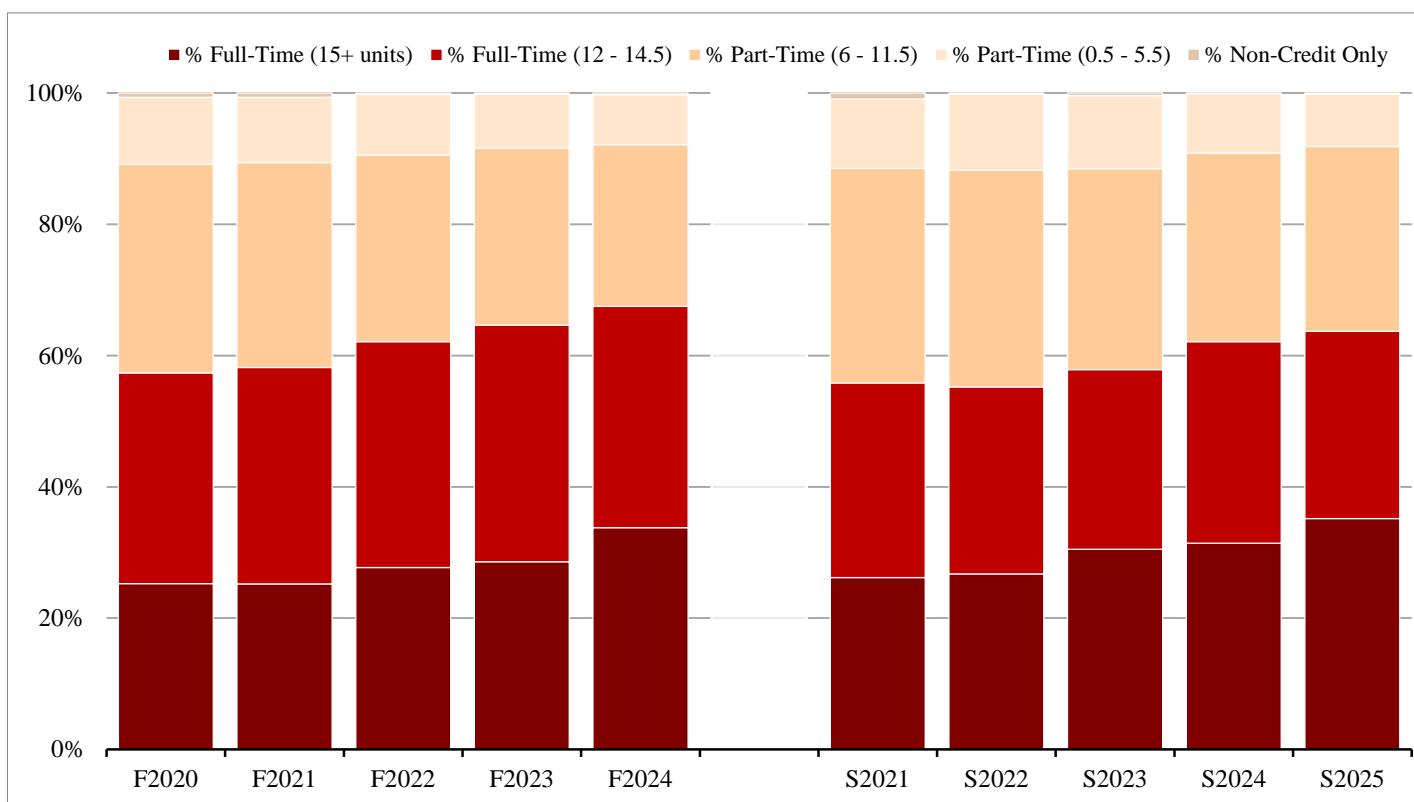
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

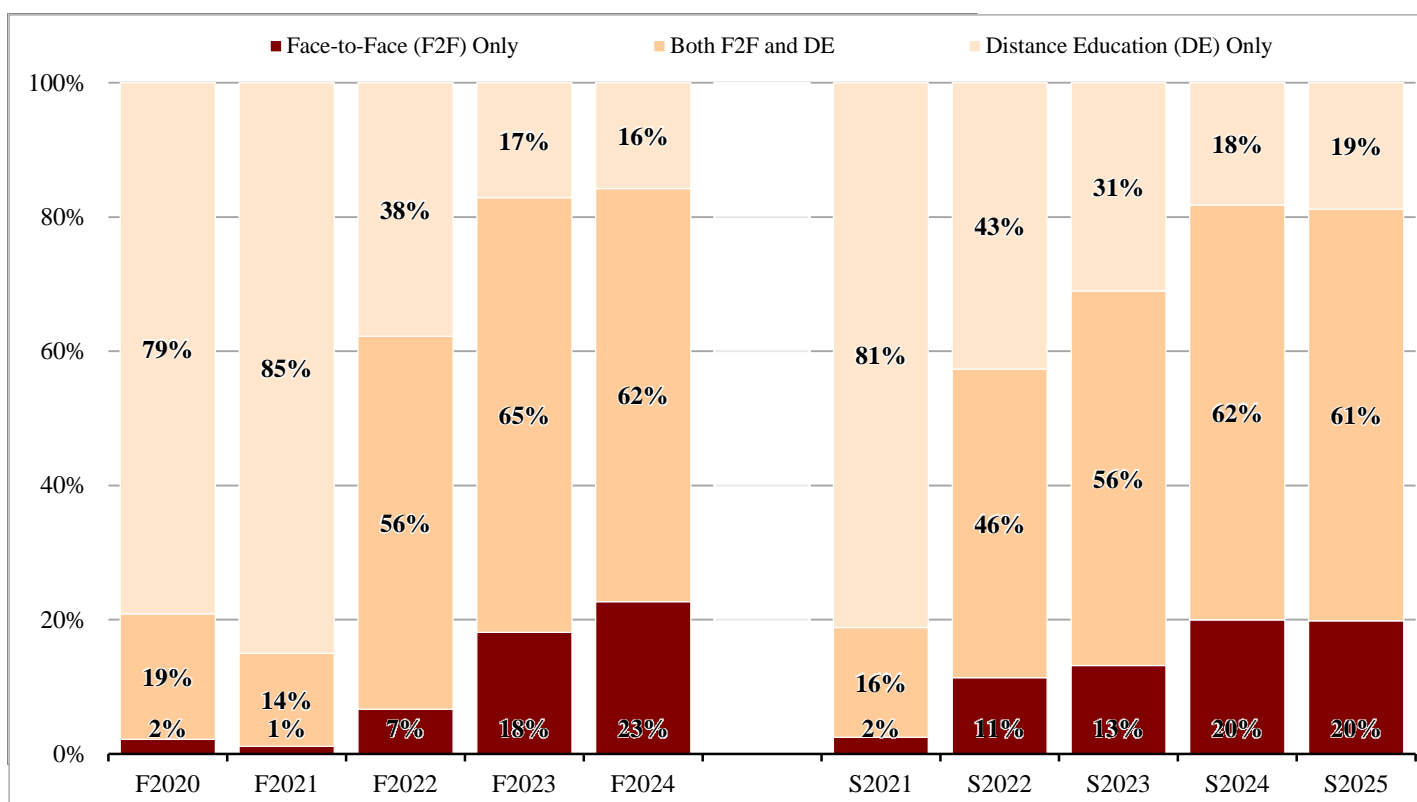
## Student Unit Load

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Full-Time (15+ units)	577	538	558	639	813	581	443	542	615	774
Full-Time (12 - 14.5 units)	734	704	694	805	812	657	472	487	601	628
Part-Time (6 - 11.5 units)	726	667	573	603	592	725	548	545	562	620
Part-Time (0.5 - 5.5 units)	234	212	185	183	183	235	192	198	177	176
Non-Credit Only	15	14	5	4	7	20	2	7	2	3
% Full-Time (15+ units)	25%	25%	28%	29%	34%	26%	27%	30%	31%	35%
% Full-Time (12 - 14.5)	32%	33%	34%	36%	34%	30%	28%	27%	31%	29%
% Part-Time (6 - 11.5)	32%	31%	28%	27%	25%	33%	33%	31%	29%	28%
% Part-Time (0.5 - 5.5)	10%	10%	9%	8%	8%	11%	12%	11%	9%	8%
% Non-Credit Only	1%	1%	<1%	<1%	<1%	1%	<1%	<1%	<1%	<1%



## Students Using Distance Education

Mathematics (includes Non-Credit) ( MATH/NMAT )										
(Categories reflect college-wide coursework)	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Face-to-Face (F2F) Only	50	24	134	405	546	55	188	234	391	436
Both F2F and DE	427	296	1,120	1,446	1,482	363	762	993	1,210	1,350
Distance Education (DE) Only	1,809	1,815	761	383	379	1,800	707	552	356	415
% Face-to-Face (F2F) Only	2%	1%	7%	18%	23%	2%	11%	13%	20%	20%
% Both F2F and DE	19%	14%	56%	65%	62%	16%	46%	56%	62%	61%
% Distance Education (DE) Only	79%	85%	38%	17%	16%	81%	43%	31%	18%	19%



### 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.

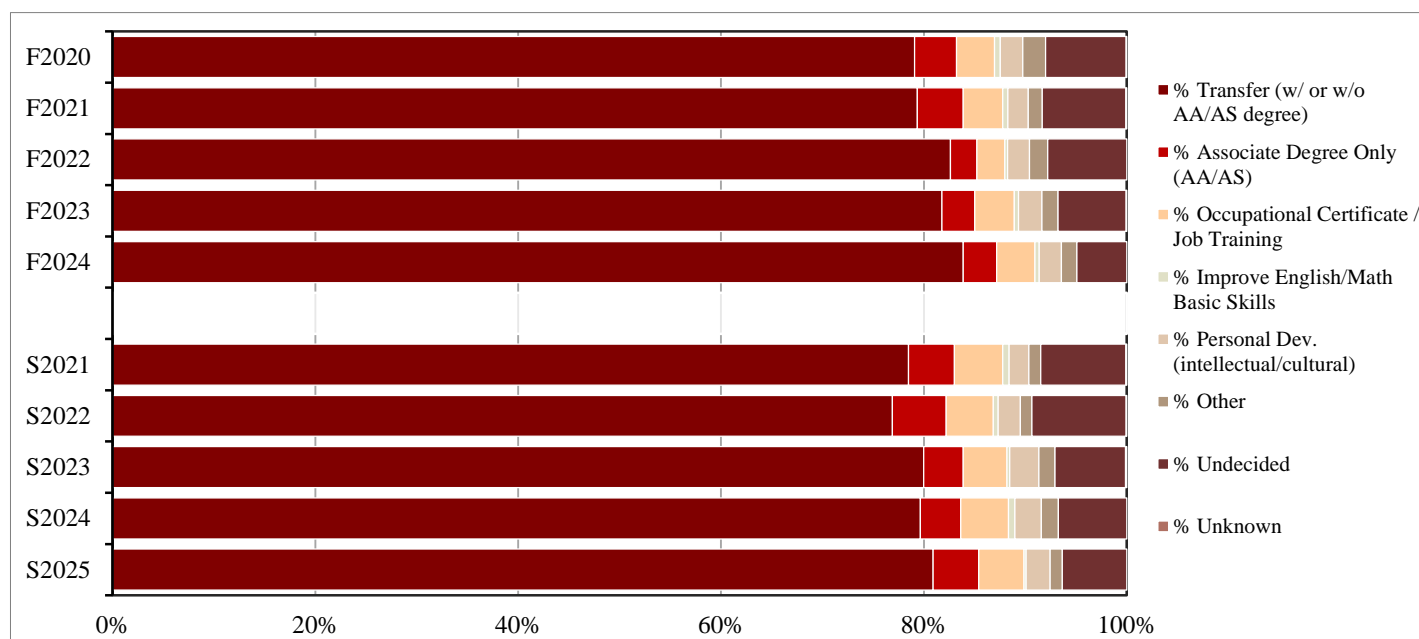
In Summer 2020 and Fall 2020, due to the COVID-19 pandemic, via web comments for each section; identified as any with an online component.

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

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Transfer (w/ or w/o AA/AS degree)	1,808	1,694	1,665	1,827	2,019	1,741	1,274	1,423	1,559	1,781
Associate Degree Only (AA/AS)	94	97	52	72	79	100	88	69	78	99
Occupational Certificate / Job Training	86	83	56	87	91	106	77	77	92	98
Improve English/Math Basic Skills	13	11	5	10	10	14	8	5	12	5
Personal Development (intellectual/cultural)	51	43	44	51	53	43	36	51	51	52
Other	51	29	36	36	37	26	19	28	33	26
Undecided	182	176	157	150	118	186	154	124	132	140
Unknown	1	2	0	1	0	2	1	2	0	0
% Transfer (w/ or w/o AA/AS degree)	79%	79%	83%	82%	84%	78%	77%	80%	80%	81%
% Associate Degree Only (AA/AS)	4%	5%	3%	3%	3%	5%	5%	4%	4%	4%
% Occupational Certificate / Job Training	4%	4%	3%	4%	4%	5%	5%	4%	5%	4%
% Improve English/Math Basic Skills	1%	1%	<1%	<1%	<1%	1%	<1%	<1%	1%	<1%
% Personal Dev. (intellectual/cultural)	2%	2%	2%	2%	2%	2%	2%	3%	3%	2%
% Other	2%	1%	2%	2%	2%	1%	1%	2%	2%	1%
% Undecided	8%	8%	8%	7%	5%	8%	9%	7%	7%	6%
% Unknown	<1%	<1%	0%	<1%	0%	<1%	<1%	<1%	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.

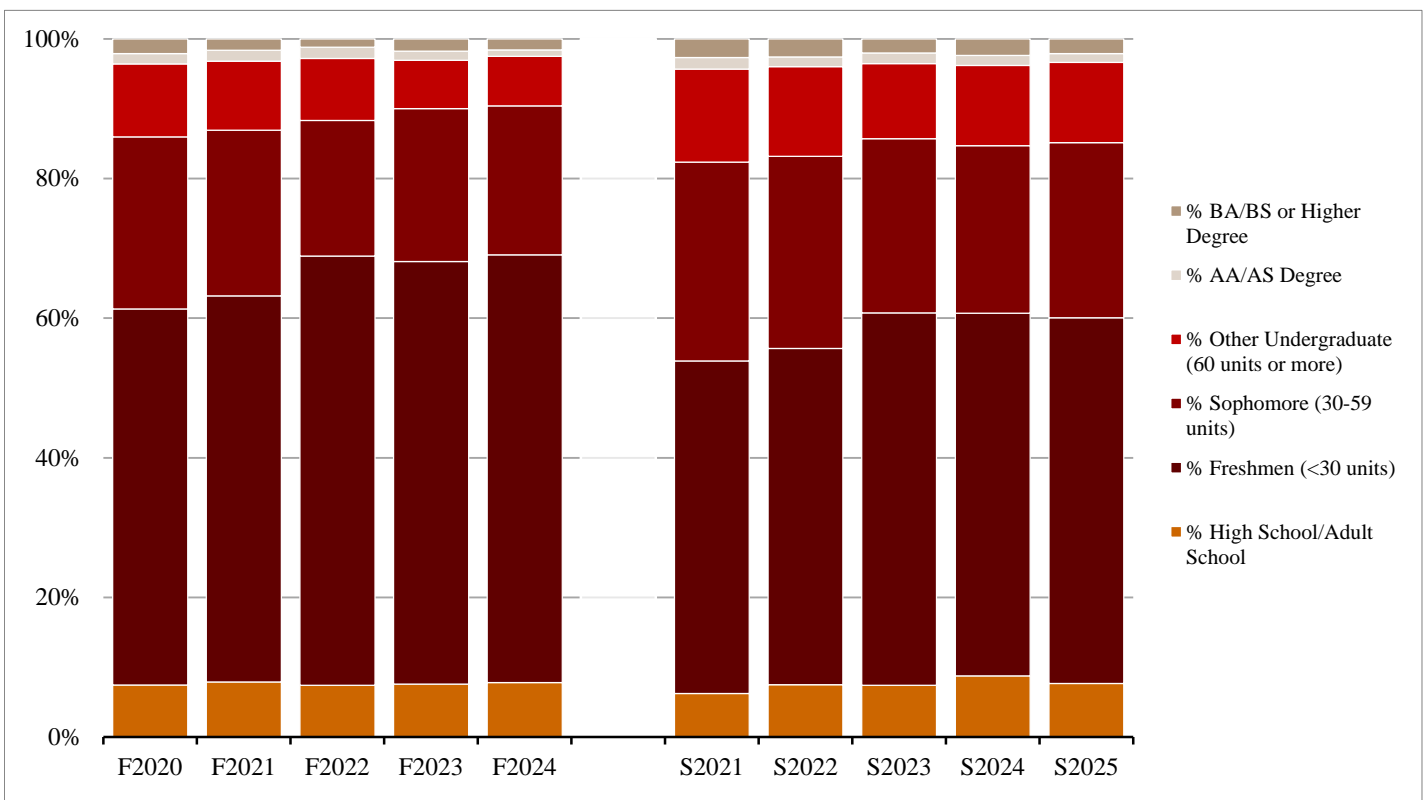
**Personal Development:** Students taking courses for intellectual and/or cultural development.

**Other:** Students completing diploma/GED requirements or moving from non-credit to credit courses. Data from admission application.



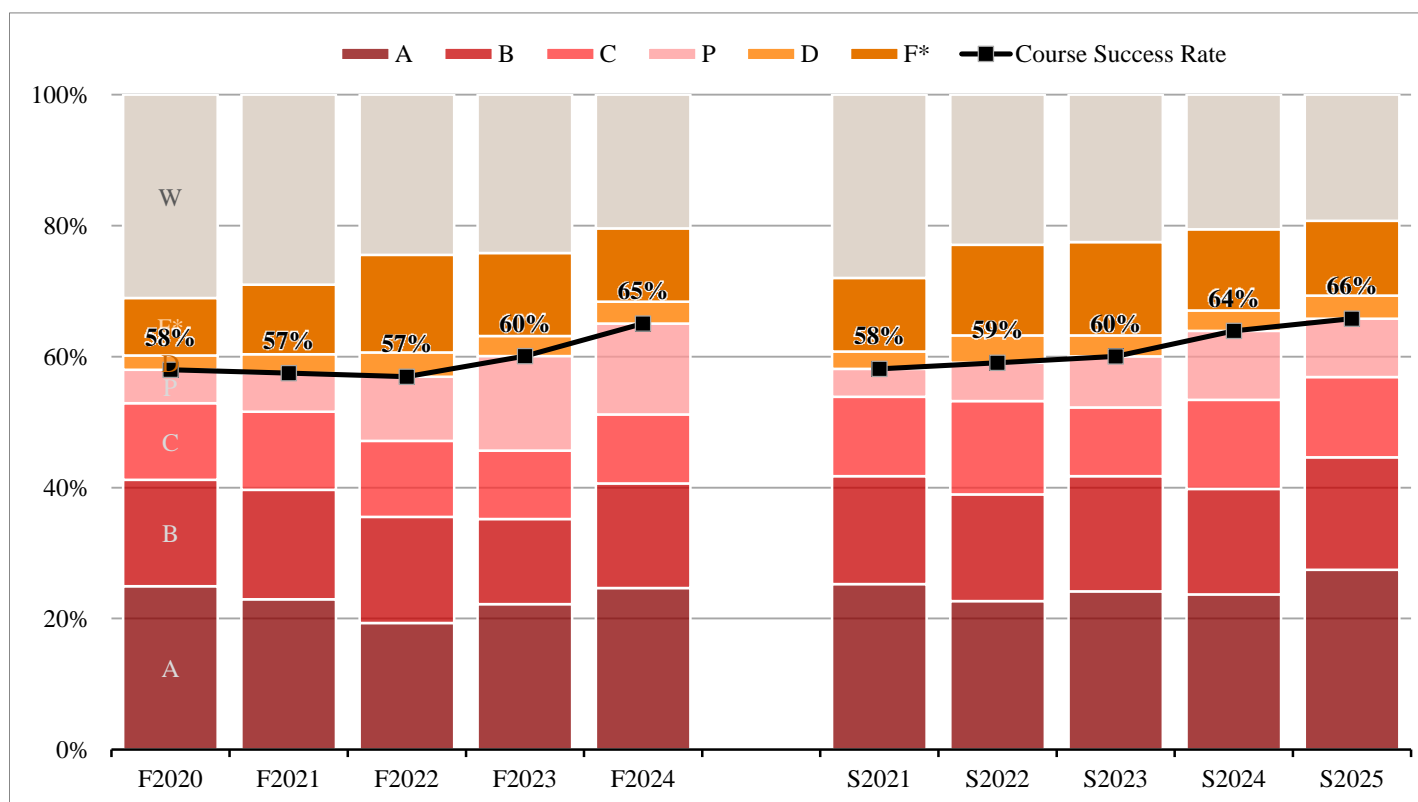
## Highest Educational Level of Students

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
High School/Adult School	170	168	149	169	188	138	124	132	171	169
Freshmen (<30 units)	1,232	1,181	1,239	1,353	1,475	1,057	798	949	1,017	1,153
Sophomore (30-59 units)	563	507	392	489	513	632	456	444	470	552
Other Undergraduate (60 units or more)	239	211	179	155	171	295	213	191	225	253
AA/AS Degree	34	33	32	29	22	37	23	27	28	28
BA/BS or Higher Degree	48	35	24	39	38	59	43	36	46	46
% High School/Adult School	7%	8%	7%	8%	8%	6%	7%	7%	9%	8%
% Freshmen (<30 units)	54%	55%	61%	61%	61%	48%	48%	53%	52%	52%
% Sophomore (30-59 units)	25%	24%	19%	22%	21%	28%	28%	25%	24%	25%
% Other Undergraduate (60 units or more)	10%	10%	9%	7%	7%	13%	13%	11%	11%	11%
% AA/AS Degree	1%	2%	2%	1%	1%	2%	1%	2%	1%	1%
% BA/BS or Higher Degree	2%	2%	1%	2%	2%	3%	3%	2%	2%	2%



## Student Performance: Grade Distribution

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
<b>Total Course Enrollments</b>	<b>2,529</b>	<b>2,361</b>	<b>2,441</b>	<b>2,870</b>	<b>3,034</b>	<b>2,475</b>	<b>1,861</b>	<b>2,111</b>	<b>2,381</b>	<b>2,661</b>
<b>Course Success Rates</b>	<b>58%</b>	<b>57%</b>	<b>57%</b>	<b>60%</b>	<b>65%</b>	<b>58%</b>	<b>59%</b>	<b>60%</b>	<b>64%</b>	<b>66%</b>
A	25%	23%	19%	22%	25%	25%	23%	24%	24%	27%
B	16%	17%	16%	13%	16%	16%	16%	18%	16%	17%
C	12%	12%	12%	10%	11%	12%	14%	11%	14%	12%
P	5%	6%	10%	14%	14%	4%	6%	8%	11%	9%
<b>Course Non-Success Rate</b>	<b>11%</b>	<b>13%</b>	<b>19%</b>	<b>16%</b>	<b>15%</b>	<b>14%</b>	<b>18%</b>	<b>17%</b>	<b>15%</b>	<b>15%</b>
D	2%	3%	4%	3%	3%	3%	4%	3%	3%	4%
F*	9%	11%	15%	13%	11%	11%	14%	14%	12%	11%
<b>Withdrawals (See Note)</b>	<b>31%</b>	<b>29%</b>	<b>24%</b>	<b>24%</b>	<b>20%</b>	<b>28%</b>	<b>23%</b>	<b>23%</b>	<b>21%</b>	<b>19%</b>



### Definitions:

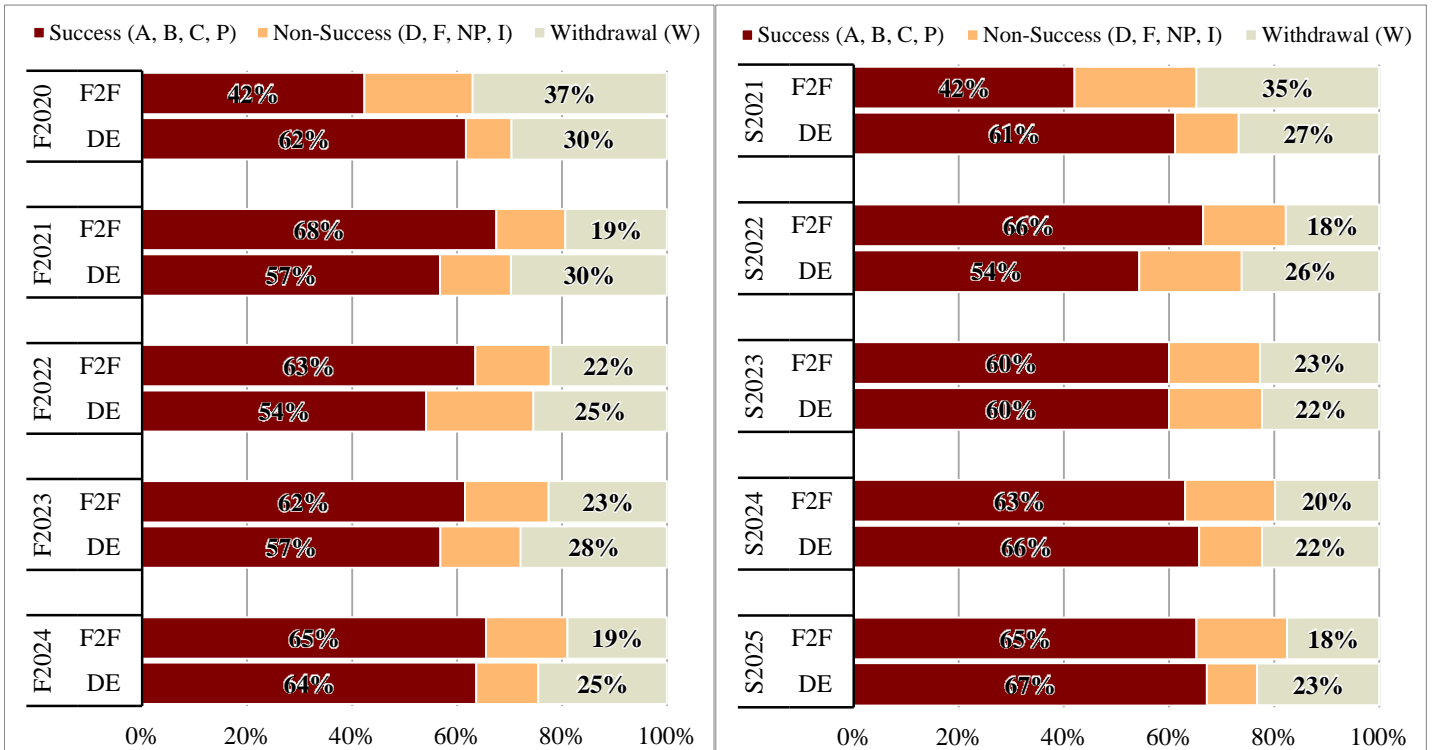
**Course Success Rate:** Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

**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

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
<b>Total Course Enrollments</b>	<b>2,529</b>	<b>2,361</b>	<b>2,441</b>	<b>2,870</b>	<b>3,034</b>	<b>2,475</b>	<b>1,861</b>	<b>2,111</b>	<b>2,381</b>	<b>2,661</b>
<b>Face-to-Face (F2F) Sections</b>	<b>475</b>	<b>160</b>	<b>731</b>	<b>1,959</b>	<b>2,224</b>	<b>389</b>	<b>725</b>	<b>1,093</b>	<b>1,628</b>	<b>1,860</b>
Success Rates	42%	68%	63%	62%	65%	42%	66%	60%	63%	65%
Non-Success Rates	21%	13%	14%	16%	16%	23%	16%	17%	17%	17%
Withdrawals	37%	19%	22%	23%	19%	35%	18%	23%	20%	18%
<b>Distance Education (DE) Sections</b>	<b>2,054</b>	<b>2,201</b>	<b>1,710</b>	<b>911</b>	<b>810</b>	<b>2,086</b>	<b>1,136</b>	<b>1,018</b>	<b>753</b>	<b>801</b>
Success Rates	62%	57%	54%	57%	64%	61%	54%	60%	66%	67%
Non-Success Rates	9%	14%	20%	15%	12%	12%	19%	18%	12%	10%
Withdrawals	30%	30%	25%	28%	25%	27%	26%	22%	22%	23%



### Definitions:

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

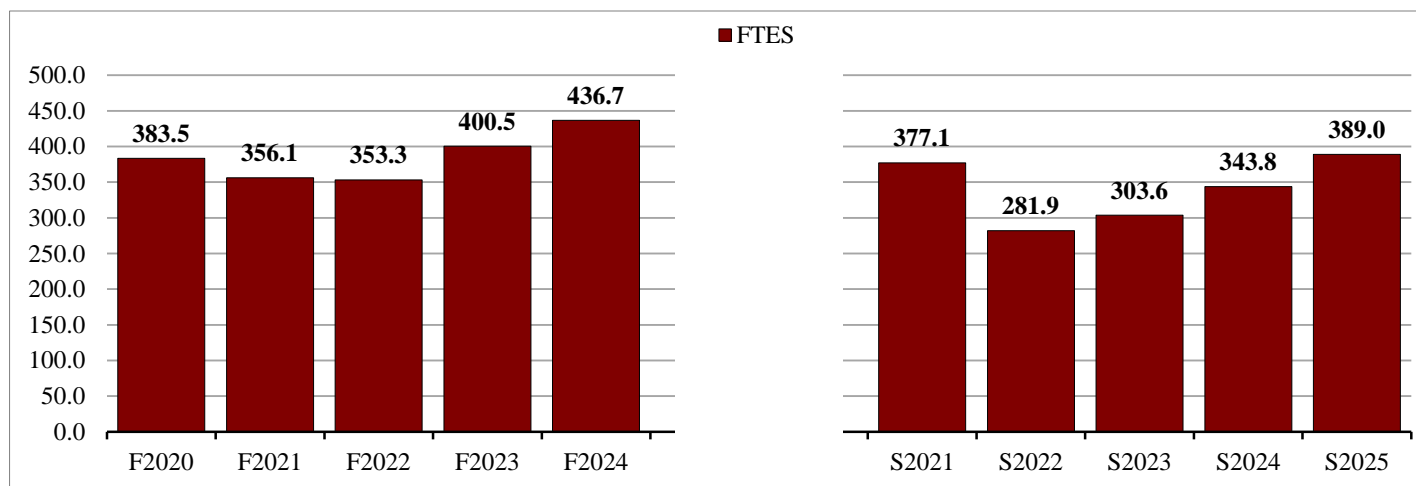
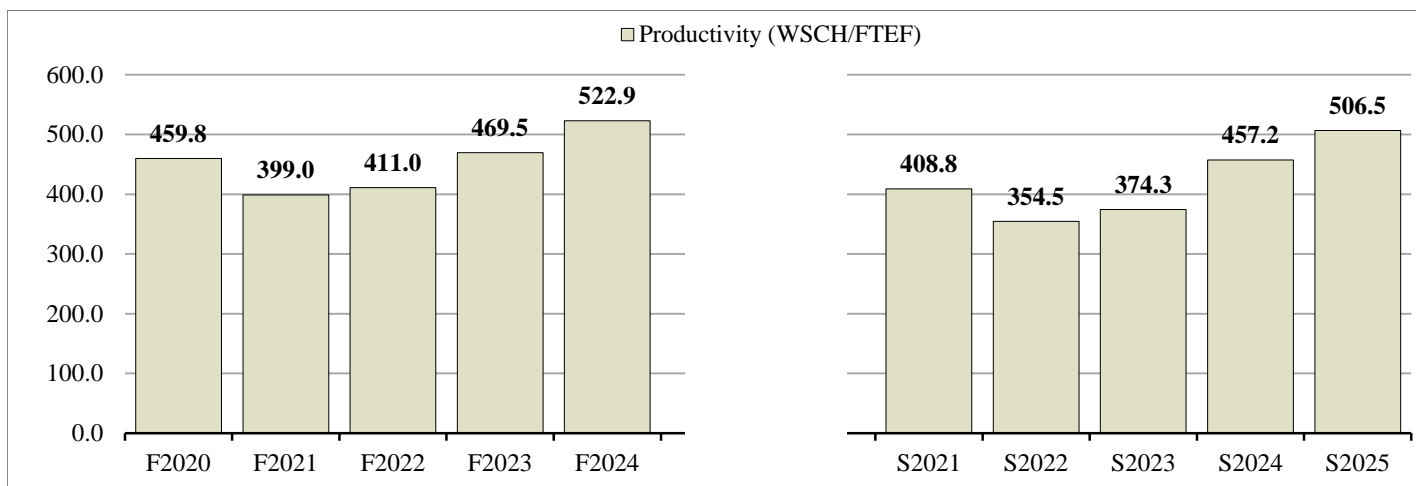
**Course Non-Success Rate:** Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

**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

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
WSCH	11,809	10,870	10,887	12,278	13,385	11,659	8,640	9,429	10,580	11,967
FTES	383.5	356.1	353.3	400.5	436.7	377.1	281.9	303.6	343.8	389.0
FTEF	25.7	27.2	26.5	26.2	25.6	28.5	24.4	25.2	23.1	23.6
Productivity (WSCH/FTEF)	459.8	399.0	411.0	469.5	522.9	408.8	354.5	374.3	457.2	506.5



### 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.

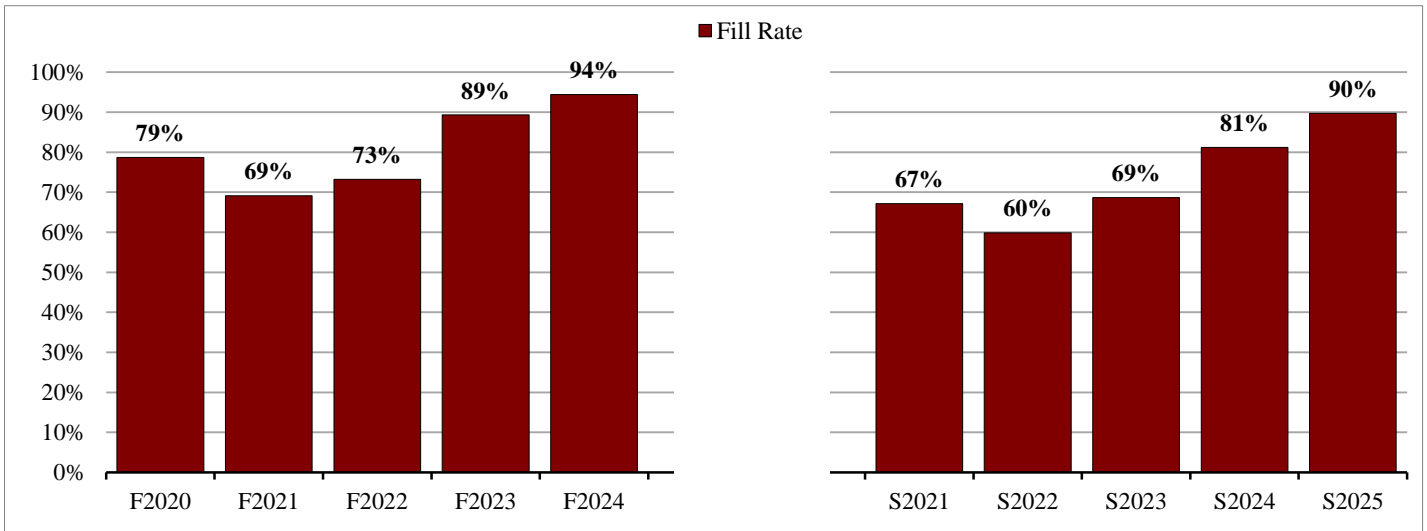
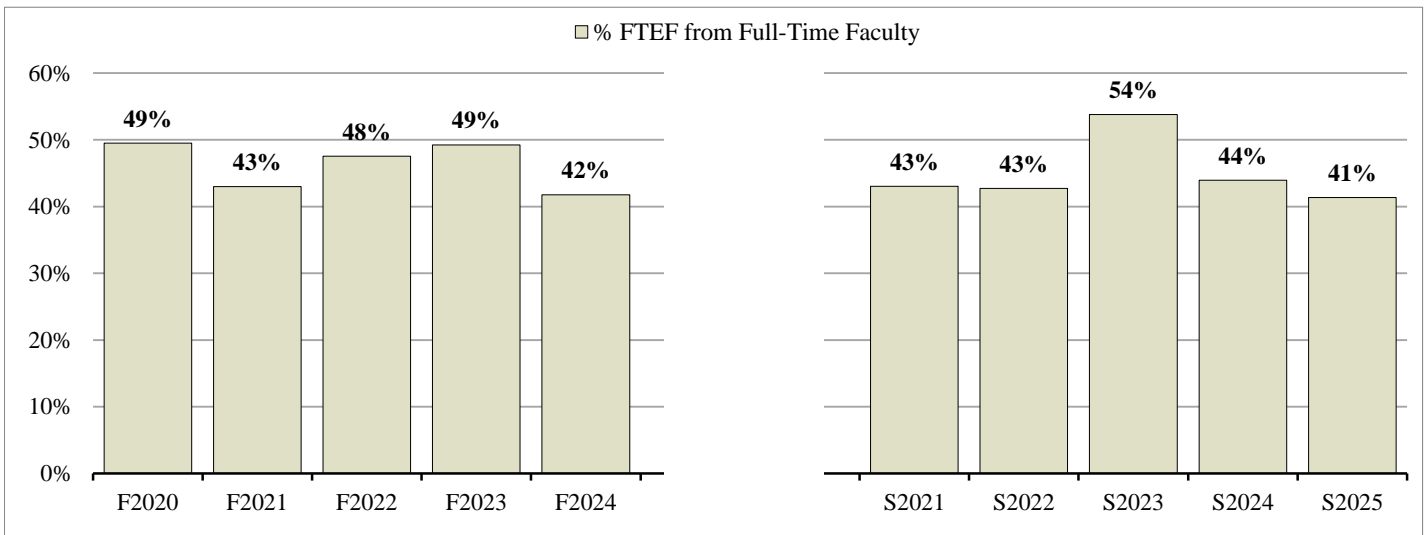
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**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 7/25/23.

## Enrollment Management: Part 2

Mathematics (includes Non-Credit) ( MATH/NMAT )										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
FTEF from Full-Time Faculty	12.7	11.7	12.6	12.9	10.7	12.3	10.4	13.5	10.2	9.8
% FTEF from Full-Time Faculty	49%	43%	48%	49%	42%	43%	43%	54%	44%	41%
Enrollments	2,529	2,361	2,441	2,870	3,034	2,475	1,861	2,111	2,381	2,661
Capacity (seats available)	3,215	3,415	3,334	3,214	3,214	3,687	3,109	3,074	2,934	2,966
Fill Rate	79%	69%	73%	89%	94%	67%	60%	69%	81%	90%



### Definitions:

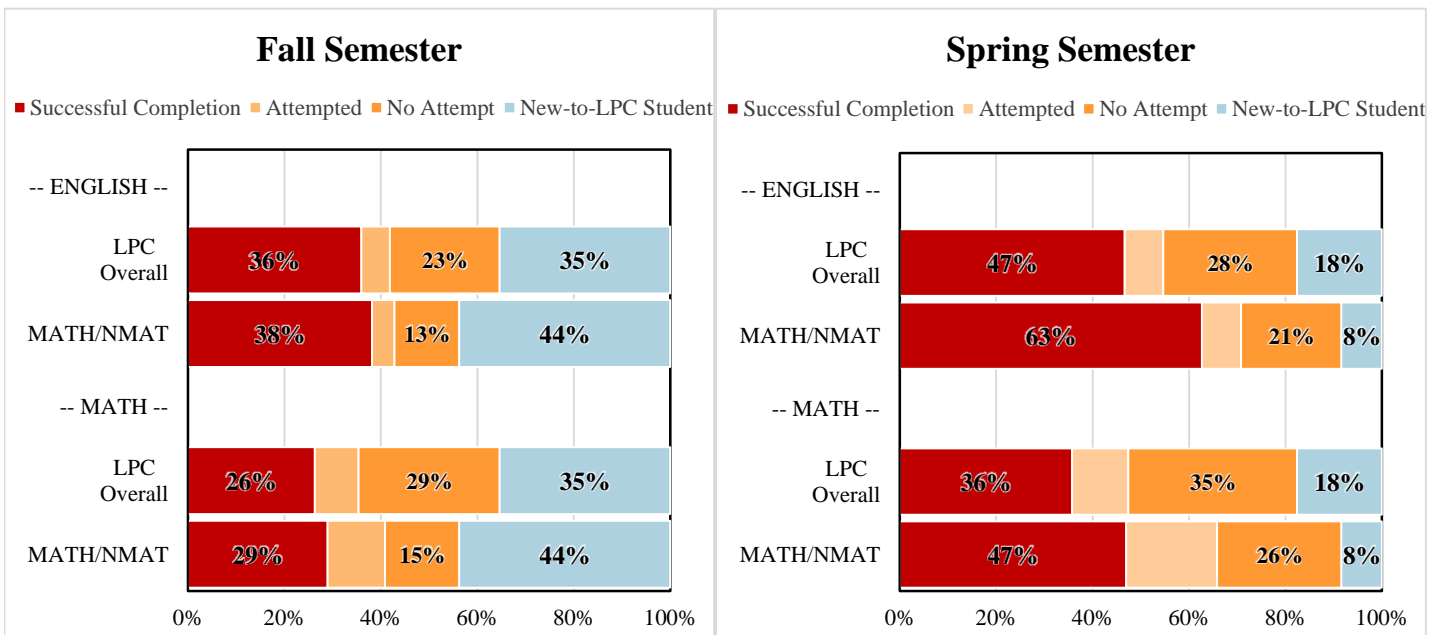
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% 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

	Fall 2024				Spring 2025			
<i>(English and math status prior to the start of the term)</i>	MATH/NMAT		LPC Overall		MATH/NMAT		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
<b>Transfer-level English</b>								
Successful Completion*	918	38%	2,993	36%	1,379	63%	3,734	47%
Attempted ( <i>not successful</i> )	112	5%	492	6%	179	8%	641	8%
No Attempt	324	13%	1,892	23%	459	21%	2,223	28%
New-to-LPC Student	1,053	44%	2,946	35%	184	8%	1,409	18%
<b>Transfer-level Math</b>								
Successful Completion*	697	29%	2,189	26%	1,033	47%	2,859	36%
Attempted ( <i>not successful</i> )	286	12%	757	9%	416	19%	935	12%
No Attempt	371	15%	2,431	29%	568	26%	2,804	35%
New-to-LPC Student	1,053	44%	2,946	35%	184	8%	1,409	18%



### 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.