Las Positas College

Discipline Program Review Data Packet

Spring 2018 to Spring 2022
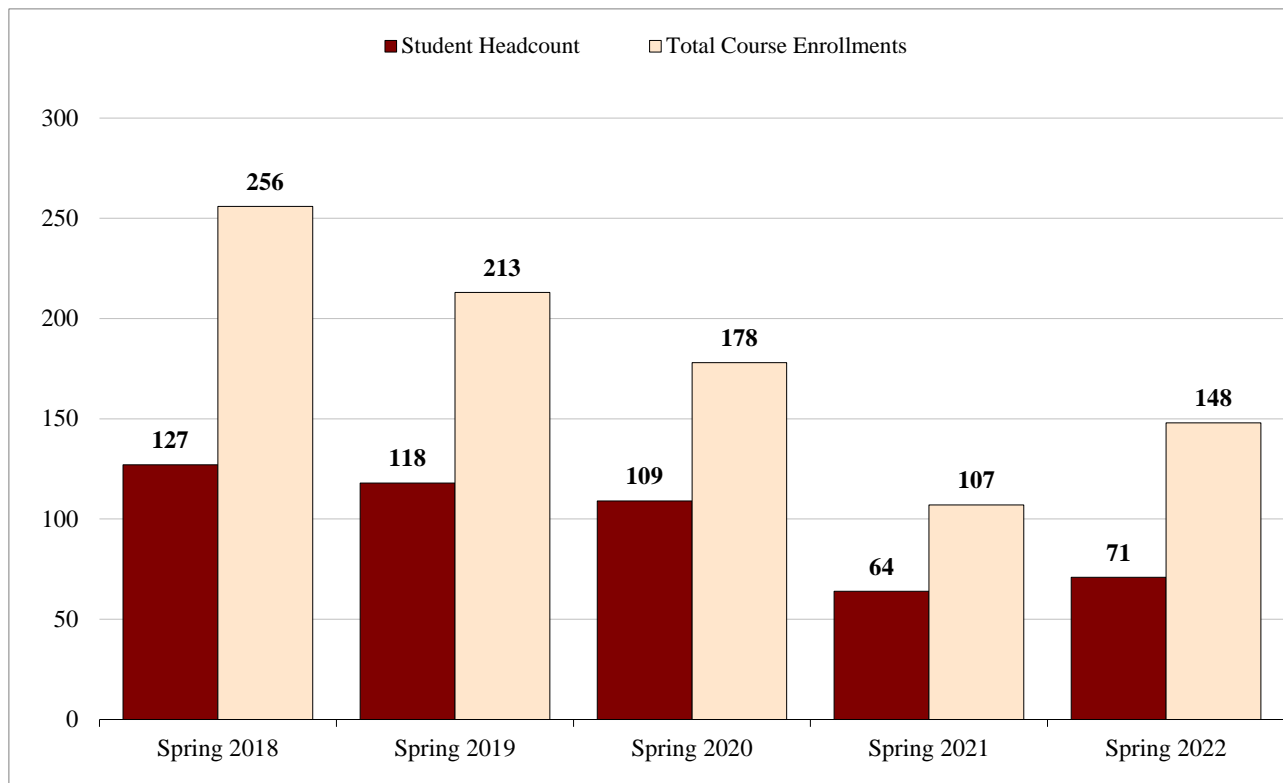
Discipline:

Welding Technology (WLDT)

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Headcount & Enrollment

Welding Technology (WLDT)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Student Headcount	127	118	109	64	71
Total Course Enrollments	256	213	178	107	148

Student Demographics: Gender & Age

Welding Technology (WLDT)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Female	9	11	8	12	6
Male	115	106	98	51	62
19 yrs. or younger	29	17	23	16	10
20-21 yrs. old	19	25	17	10	17
22-24 yrs. old	17	20	15	11	14
25-29 yrs. old	26	21	17	9	8
30-39 yrs. old	14	19	20	8	6
40-49 yrs. old	15	7	6	2	3
50 yrs. or older	7	9	11	8	13
% Female	7%	9%	8%	19%	9%
% Male	93%	91%	92%	81%	91%
% 19 yrs. or younger	23%	14%	21%	25%	14%
% 20 - 21 yrs. old	15%	21%	16%	16%	24%
% 22 - 24 yrs. old	13%	17%	14%	17%	20%
% 25 - 29 yrs. old	20%	18%	16%	14%	11%
% 30 - 39 yrs. old	11%	16%	18%	13%	8%
% 40 - 49 yrs. old	12%	6%	6%	3%	4%
% 50 yrs. or older	6%	8%	10%	13%	18%

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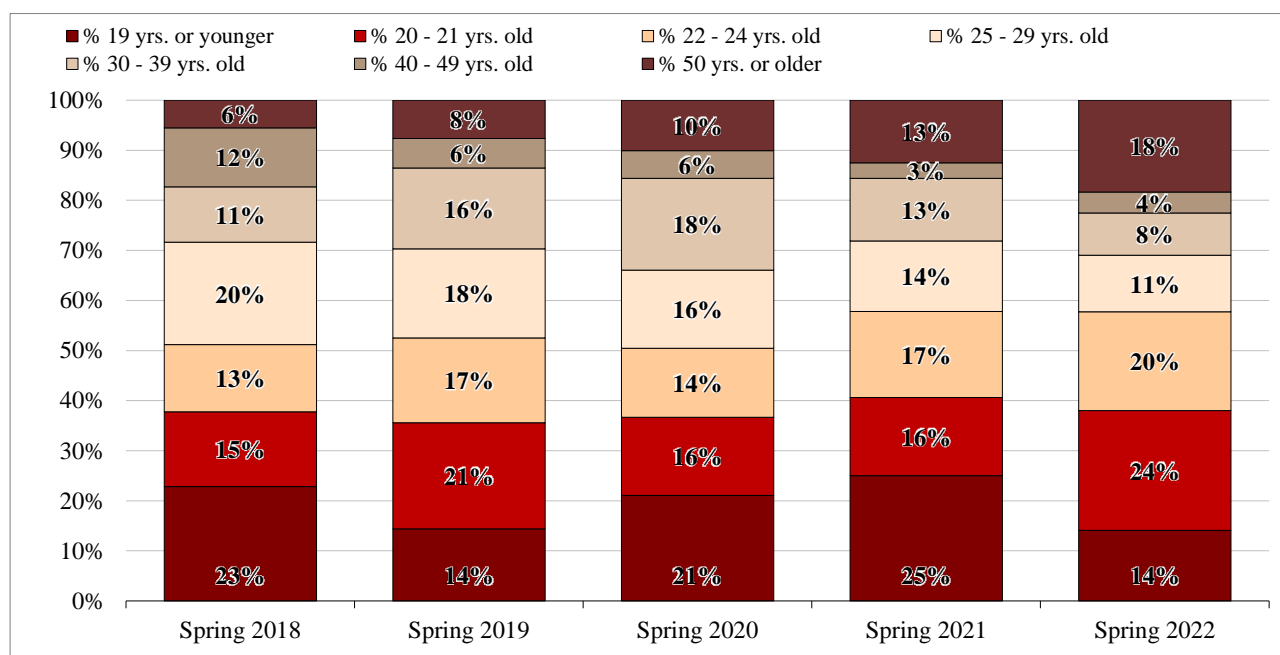
Student Demographic: Race-Ethnicity

Welding Technology (WLDT)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
African American	2	0	0	0	1
Asian	1	2	2	2	9
Filipino	3	4	2	3	1
Latino	24	37	36	12	12
Native American	1	0	0	0	1
Pacific Islander	2	2	1	0	0
White	82	59	61	45	43
Multiethnic	10	11	5	1	3
Other/Unknown	2	3	2	1	1
% African American	2%	0%	0%	0%	1%
% Asian	1%	2%	2%	3%	13%
% Filipino	2%	3%	2%	5%	1%
% Latino	19%	31%	33%	19%	17%
% Native American	1%	0%	0%	0%	1%
% Pacific Islander	2%	2%	1%	0%	0%
% White	65%	50%	56%	70%	61%
% Multiethnic	8%	9%	5%	2%	4%
% Other/Unknown	2%	3%	2%	2%	1%

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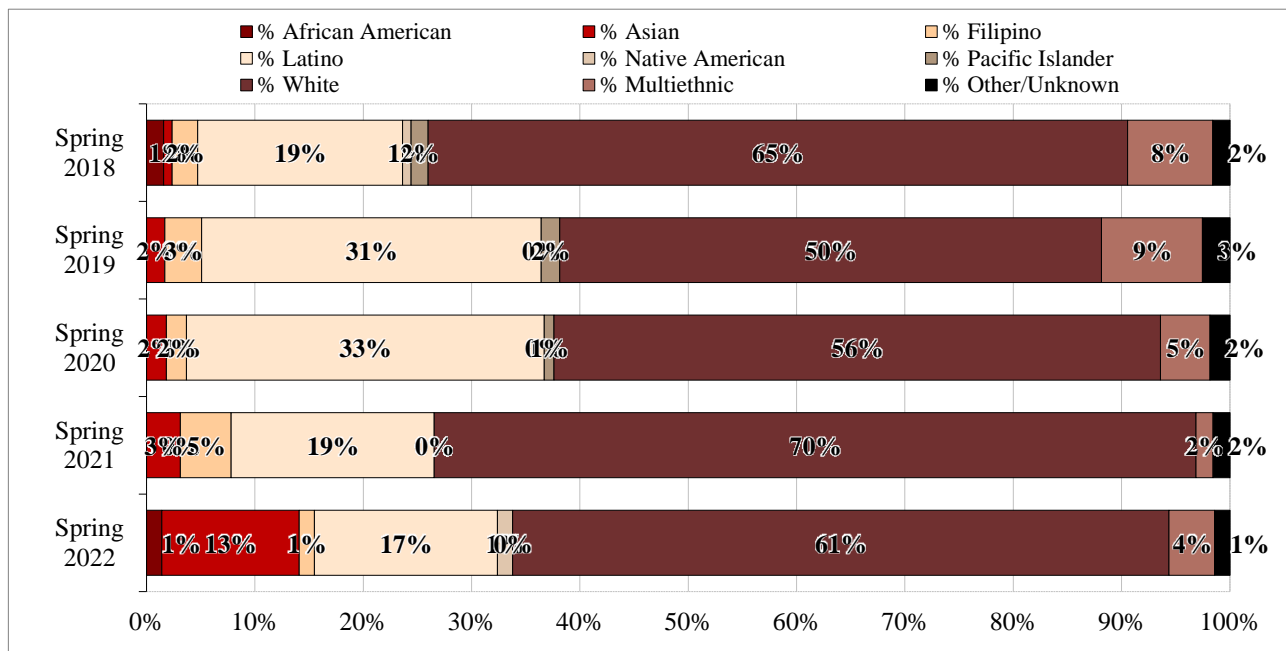
Student Enrollment Status

Welding Technology (WLDT)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
First-Time Any College	9	8	9	6	4
First-Time Transfer	11	12	6	1	5
Continuing	94	88	84	48	56
Returning	11	4	6	5	6
Concurrent Enrollment	2	6	4	4	0
% First-Time Any College	7%	7%	8%	9%	6%
% First-Time Transfer	9%	10%	6%	2%	7%
% Continuing	74%	75%	77%	75%	79%
% Returning	9%	3%	6%	8%	8%
% Concurrent Enrollment	2%	5%	4%	6%	0%
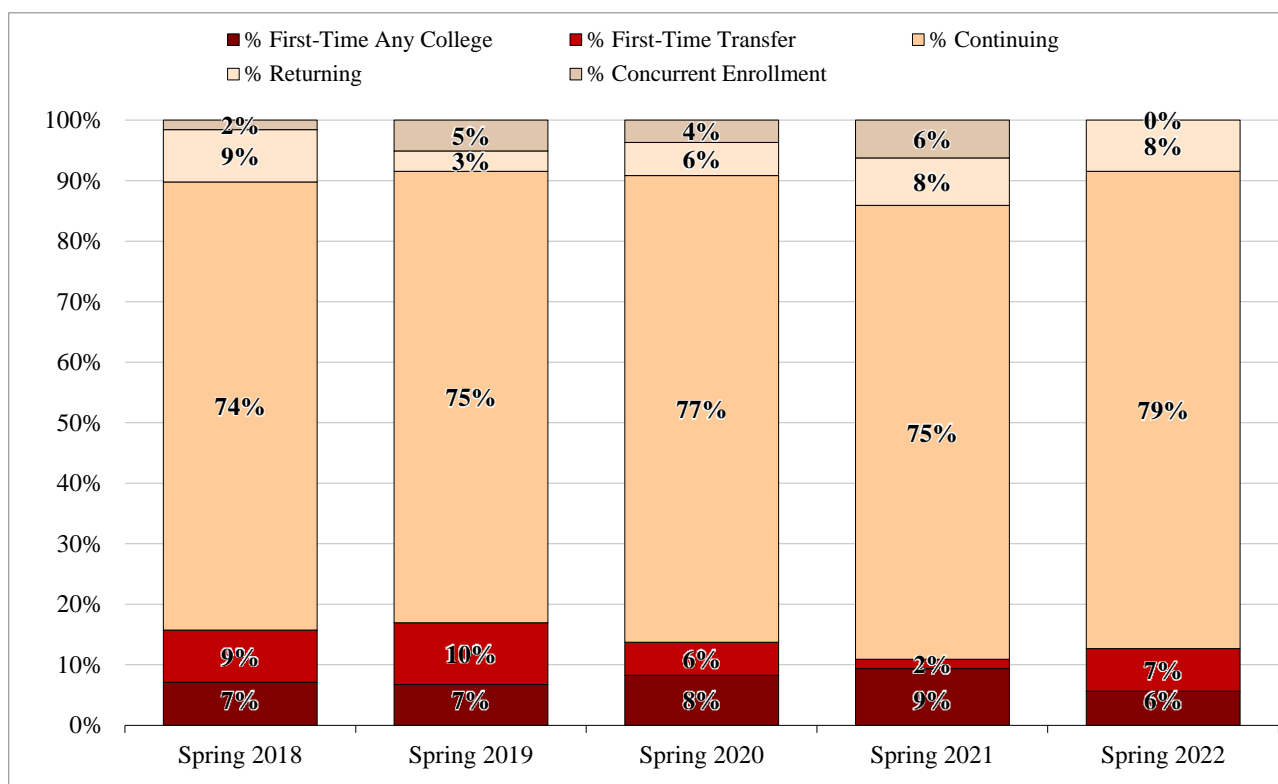
Definitions:

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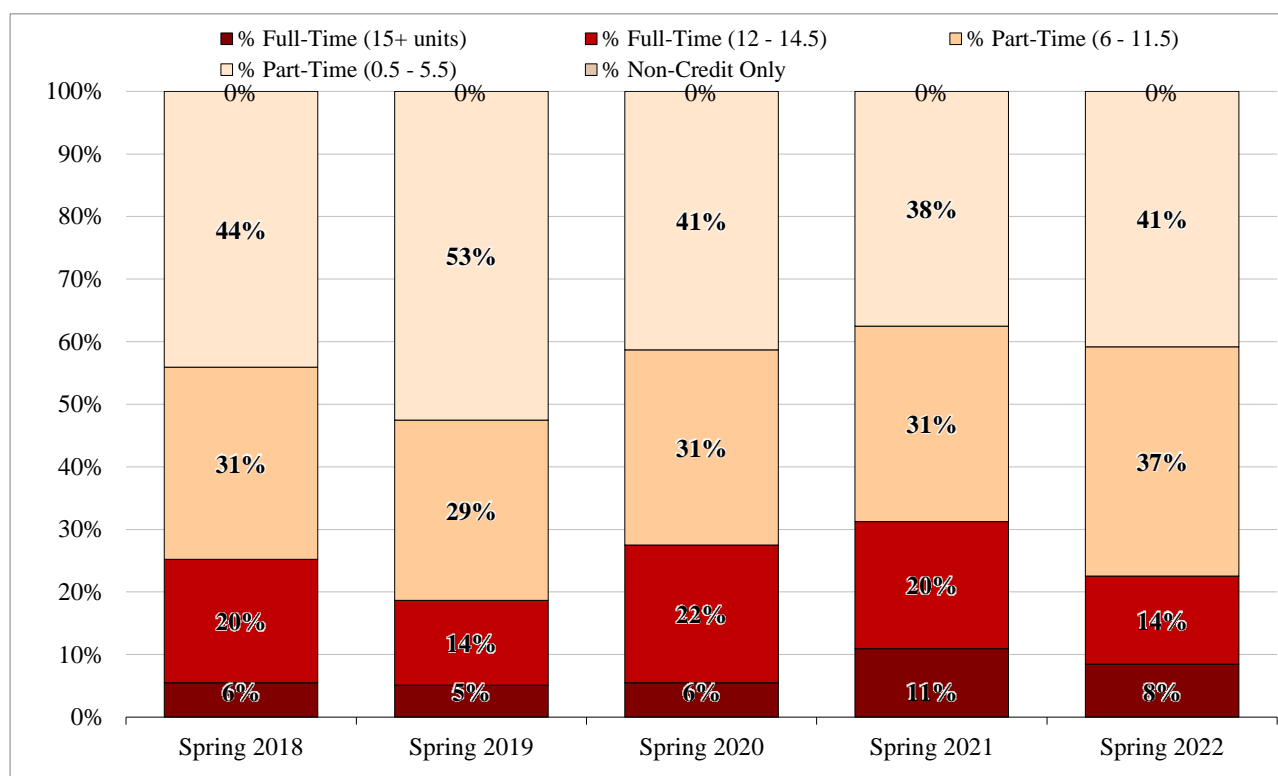
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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

Welding Technology (WLDT)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
Full-Time (15+ units)	7	6	6	7	6
Full-Time (12 - 14.5)	25	16	24	13	10
Part-Time (6 - 11.5)	39	34	34	20	26
Part-Time (0.5 - 5.5)	56	62	45	24	29
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	6%	5%	6%	11%	8%
% Full-Time (12 - 14.5)	20%	14%	22%	20%	14%
% Part-Time (6 - 11.5)	31%	29%	31%	31%	37%
% Part-Time (0.5 - 5.5)	44%	53%	41%	38%	41%
% Non-Credit Only	0%	0%	0%	0%	0%

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Students Using Distance Education

| Welding Technology (WLDT)					
	Term				
(Categories reflect college-wide coursework)	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Face-to-Face (F2F) Only	116	111	94	27	51
Both F2F and DE	11	7	15	37	20
Distance Education (DE) Only	0	0	0	0	0
% Face-to-Face (F2F) Only	91%	94%	86%	42%	72%
% Both F2F and DE	9%	6%	14%	58%	28%
% Distance Education (DE) Only	0%	0%	0%	0%	0%
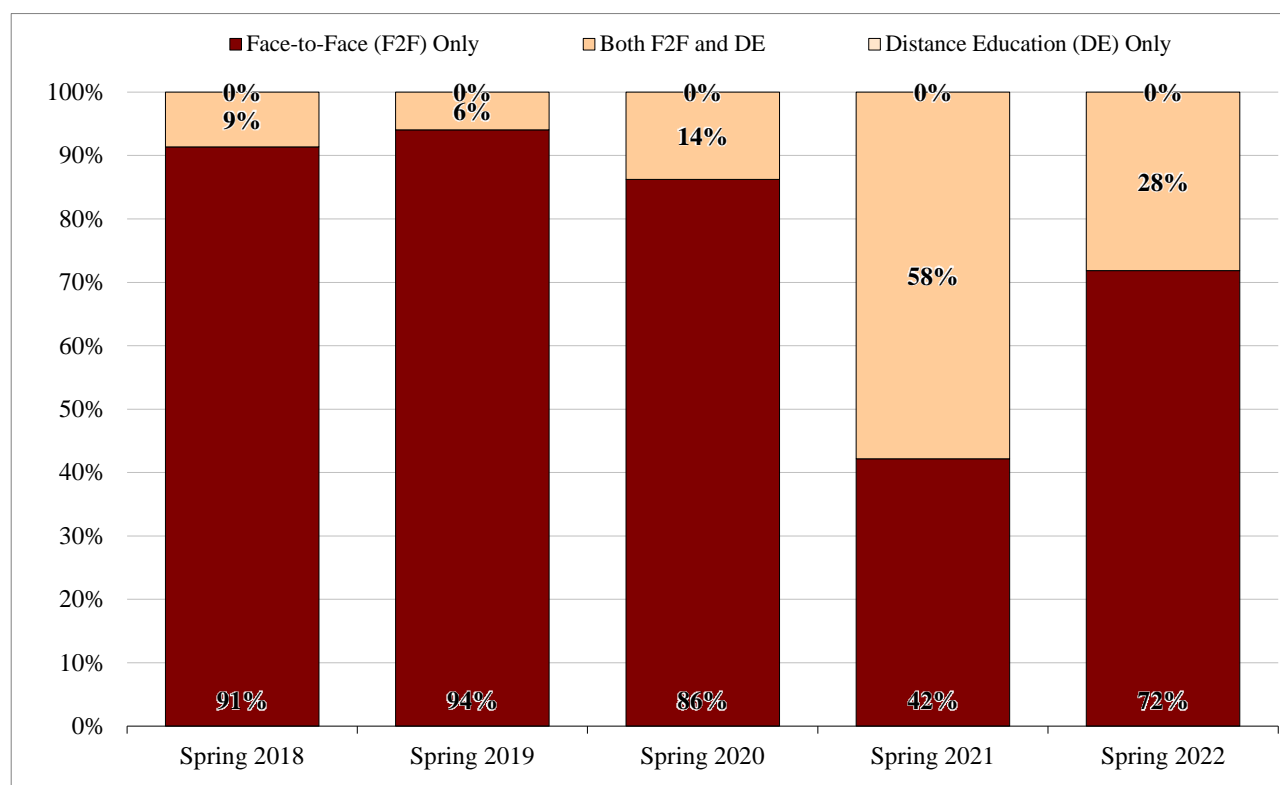
Definitions:

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

Welding Technology (WLDT)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
Transfer (w/ or w/o AA/AS degree)	41	35	34	27	21
Associate Degree Only (AA/AS)	15	16	17	6	7
Occupational Certificate or Job Training	45	38	34	19	27
Improve English/Math Basic Skills	8	5	6	4	8
Personal Development (intellectual/cultural)	1	8	3	3	3
Other	1	1	1	1	0
Undecided	13	12	13	4	5
Unknown	3	3	1	0	0
% Transfer (w/ or w/o AA/AS degree)	32%	30%	31%	42%	30%
% Associate Degree Only (AA/AS)	12%	14%	16%	9%	10%
% Occupational Certificate or Job Training	35%	32%	31%	30%	38%
% Improve English/Math Basic Skills	6%	4%	6%	6%	11%
% Personal Development (intellectual/cultural)	1%	7%	3%	5%	4%
% Other	1%	1%	1%	2%	0%
% Undecided	10%	10%	12%	6%	7%
% Unknown	2%	3%	1%	0%	0%
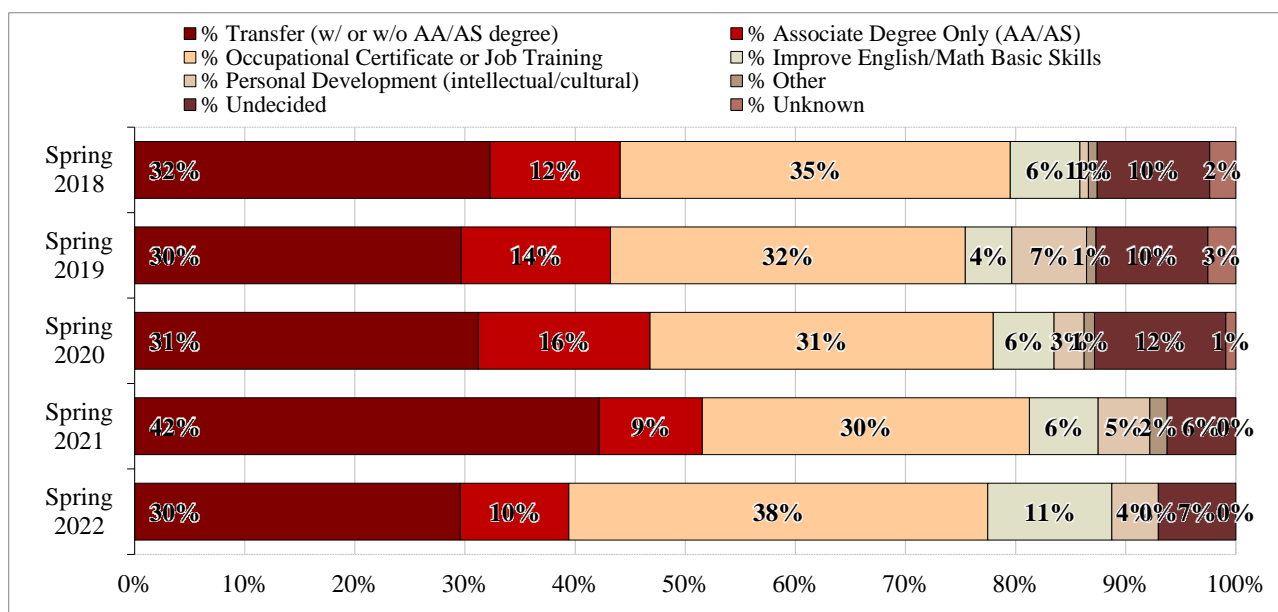
Definitions:

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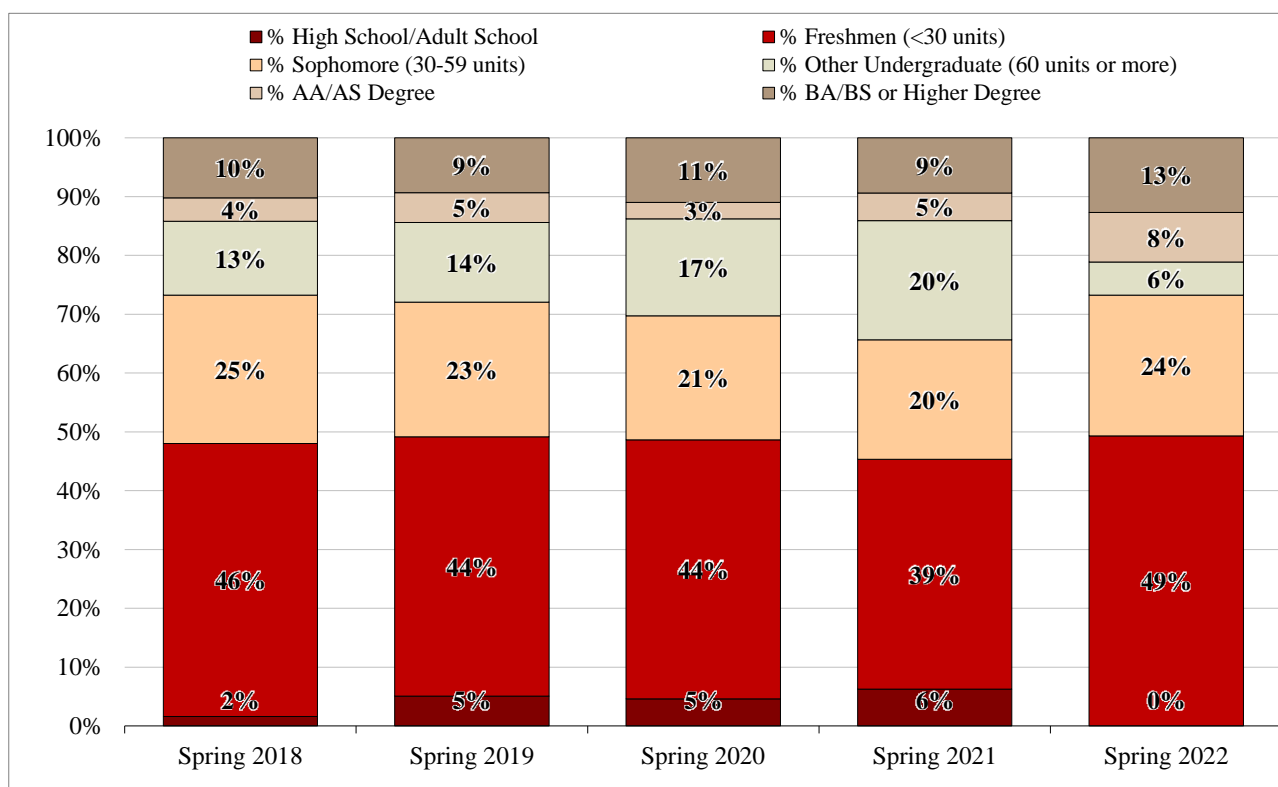
Personal Development: Students taking courses for intellectual and/or cultural development.

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

Highest Educational Level of Students

Welding Technology (WLDT)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
High School/Adult School	2	6	5	4	0
Freshmen (<30 units)	59	52	48	25	35
Sophomore (30-59 units)	32	27	23	13	17
Other Undergraduate (60 units or more)	16	16	18	13	4
AA/AS Degree	5	6	3	3	6
BA/BS or Higher Degree	13	11	12	6	9
% High School/Adult School	2%	5%	5%	6%	0%
% Freshmen (<30 units)	46%	44%	44%	39%	49%
% Sophomore (30-59 units)	25%	23%	21%	20%	24%
% Other Undergraduate (60 units or more)	13%	14%	17%	20%	6%
% AA/AS Degree	4%	5%	3%	5%	8%
% BA/BS or Higher Degree	10%	9%	11%	9%	13%

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Las Positas College

Student Performance: Grade Distribution

| Welding Technology (WLDT)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
Total Course Enrollments	**256**	**213**	**178**	**107**	**148**
Course Success Rates	**76%**	**87%**	**87%**	**93%**	**91%**
A	45%	55%	72%	70%	74%
B	20%	22%	5%	18%	11%
C	11%	9%	5%	5%	5%
P	1%	<1%	4%	1%	1%
Course Non-Success Rate	**9%**	**9%**	**1%**	**1%**	**6%**
D	8%	<1%	0%	0%	0%
F*	1%	9%	1%	1%	6%
Withdrawals (See Note)	**15%**	**4%**	**13%**	**6%**	**3%**
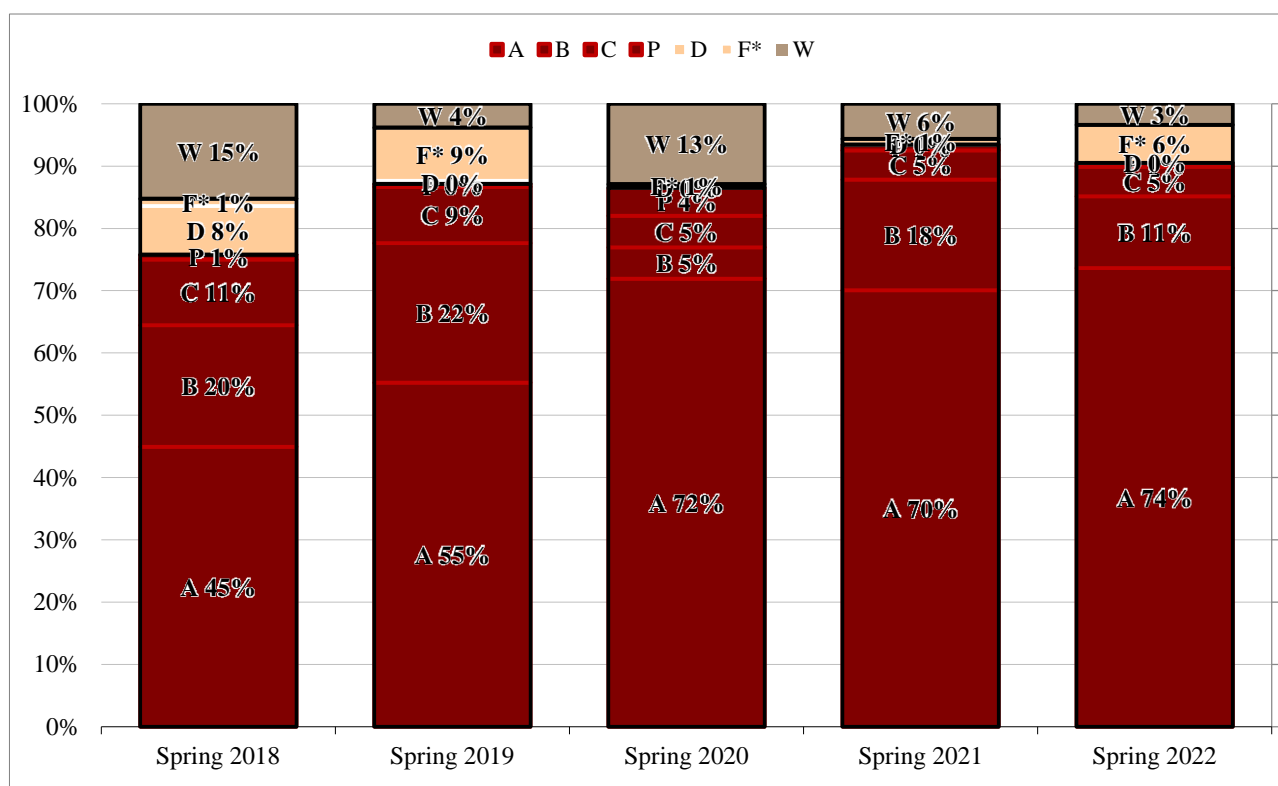
Definitions:

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

Welding Technology (WLDT)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
Total Course Enrollments	**256**	**213**	**178**	**107**	**148**
Face-to-Face (F2F) Sections	**256**	**213**	**178**	**107**	**148**
Success Rates	76%	87%	87%	93%	91%
Non-Success Rates	9%	9%	1%	1%	6%
Withdrawals	15%	4%	13%	6%	3%
Distance Education (DE) Sections	**—**	**—**	**—**	**—**	**—**
Success Rates	—	—	—	—	—
Non-Success Rates	—	—	—	—	—
Withdrawals	—	—	—	—	—
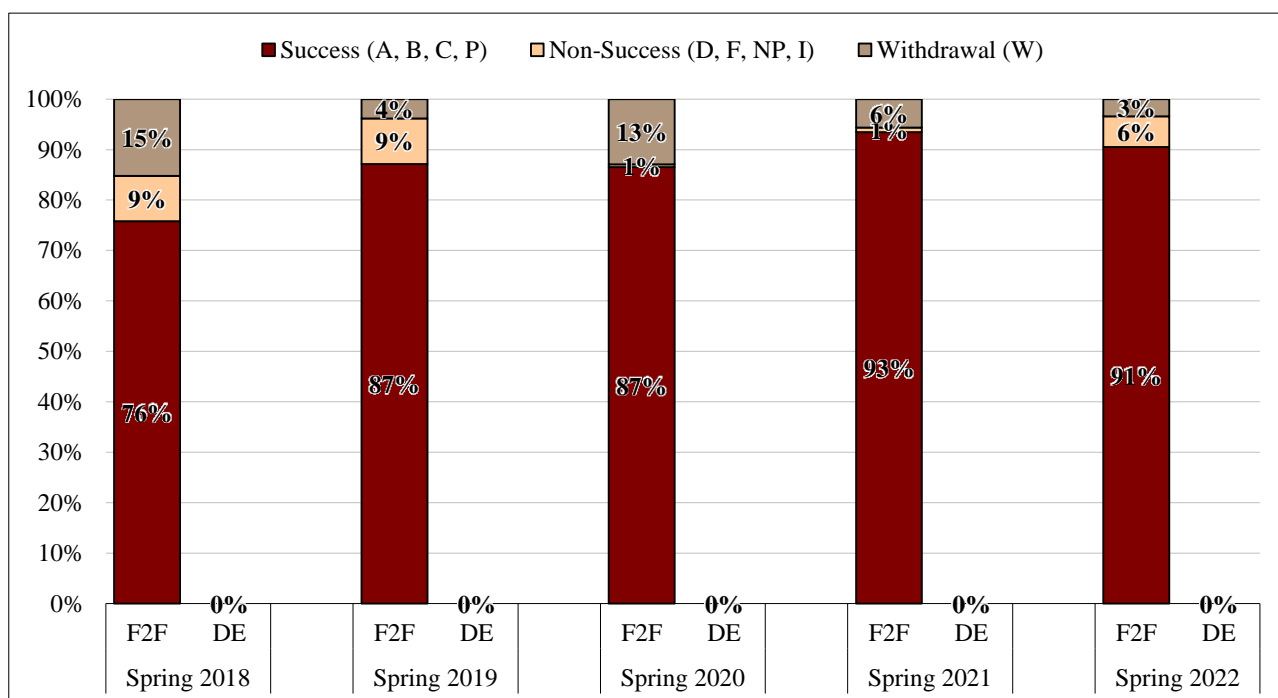
Definitions:

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

Welding Technology (WLDT)					
	Term				
	Spring 2018	Spring 2019	Spring 2020	Spring 2021	Spring 2022
WSCH	1,058	911	751	501	625
FTES	35.0	30.0	24.3	16.3	20.8
FTEF	2.2	2.6	2.6	1.7	2.6
Productivity (WSCH/FTEF)	484.4	357.0	290.3	297.5	244.9
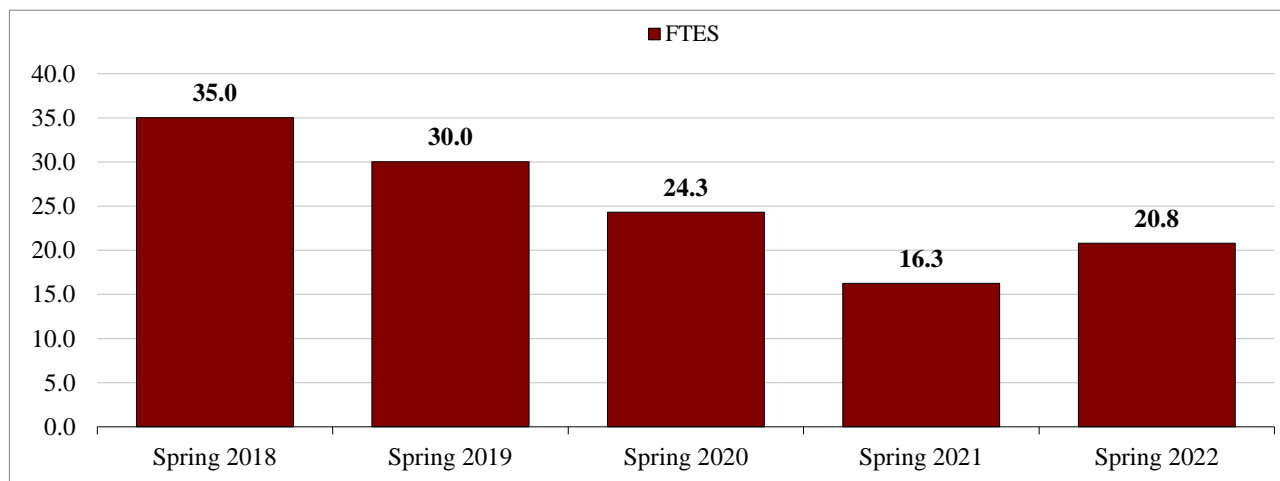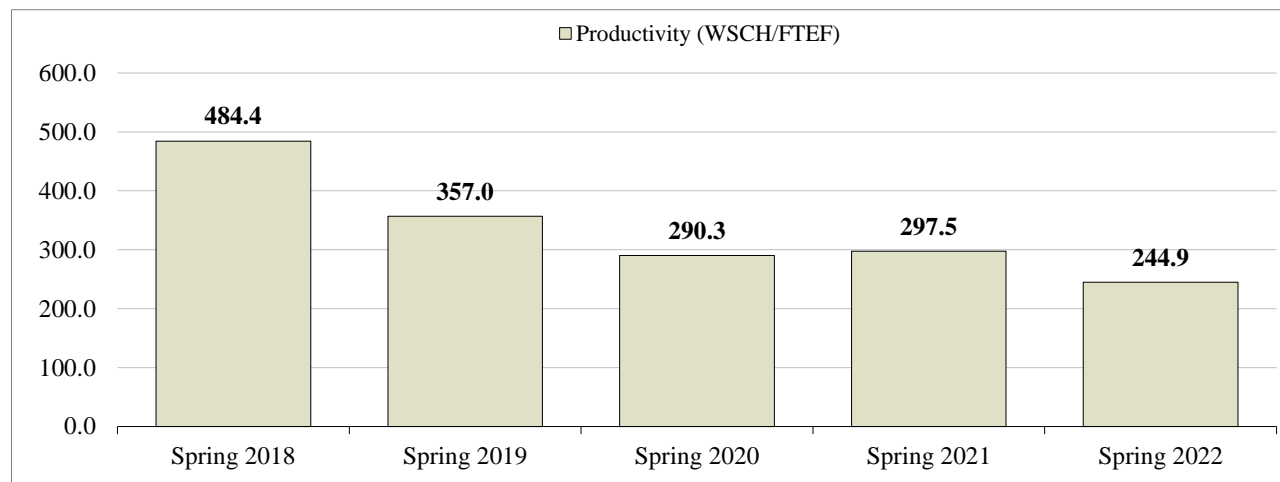
Definitions:

   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

| Welding Technology (WLDT)					
	Term				
	Spring 2018	**Spring 2019**	**Spring 2020**	**Spring 2021**	**Spring 2022**
FTEF from Full-Time Faculty	1.8	1.8	1.9	1.0	1.6
% FTEF from Full-Time Faculty	82%	72%	72%	56%	61%
Enrollments	256	213	178	107	148
Capacity (seats available)	263	280	260	120	284
Fill Rate	97%	76%	68%	89%	52%
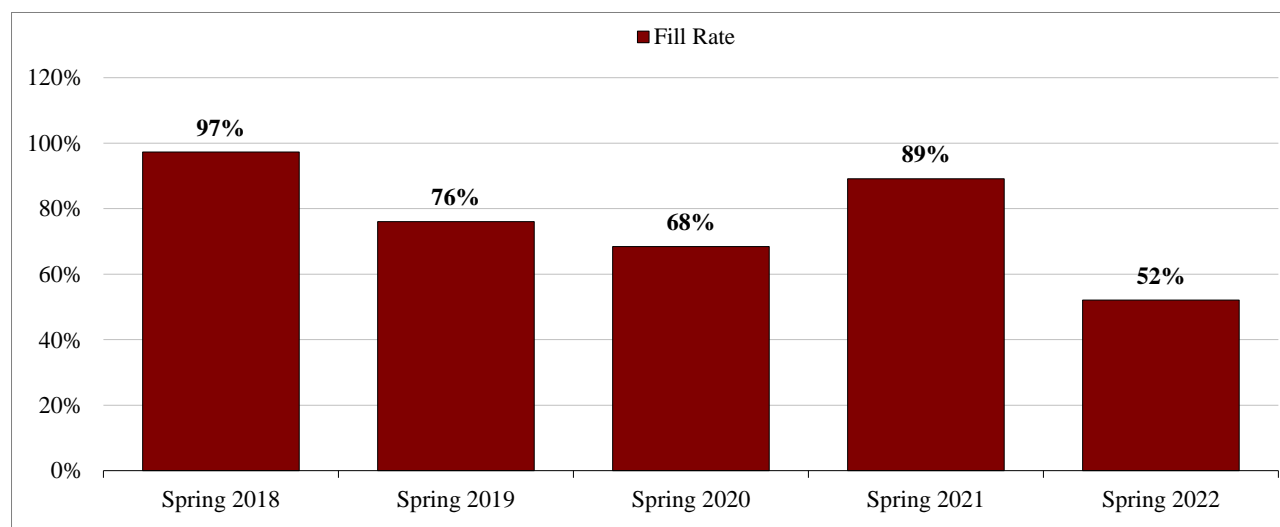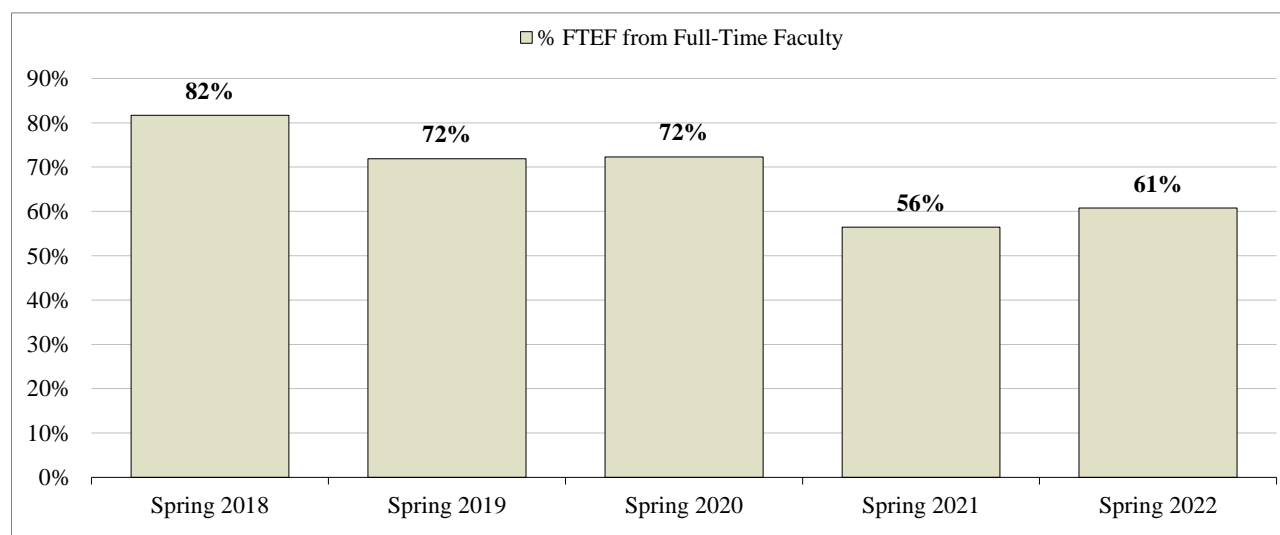
Definitions:

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.

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Prior Experience in English & Math

Spring 2022				
	WLDT		**LPC Overall**	
	Num	Pct	Num	Pct
College English				
Completed College-level	34	48%	4,022	61%
Attempted College-level	4	6%	490	7%
Attempted Below College-level	5	7%	30	0%
No Prior Attempt (has placement)	10	14%	934	14%
No Prior Attempt (no placement)	18	25%	1,089	17%
College Math				
Completed College-level	35	49%	4,345	66%
Attempted College-level	3	4%	103	2%
Attempted Below College-level	5	7%	160	2%
No Prior Attempt (has placement)	10	14%	914	14%
No Prior Attempt (no placement)	18	25%	1,043	16%
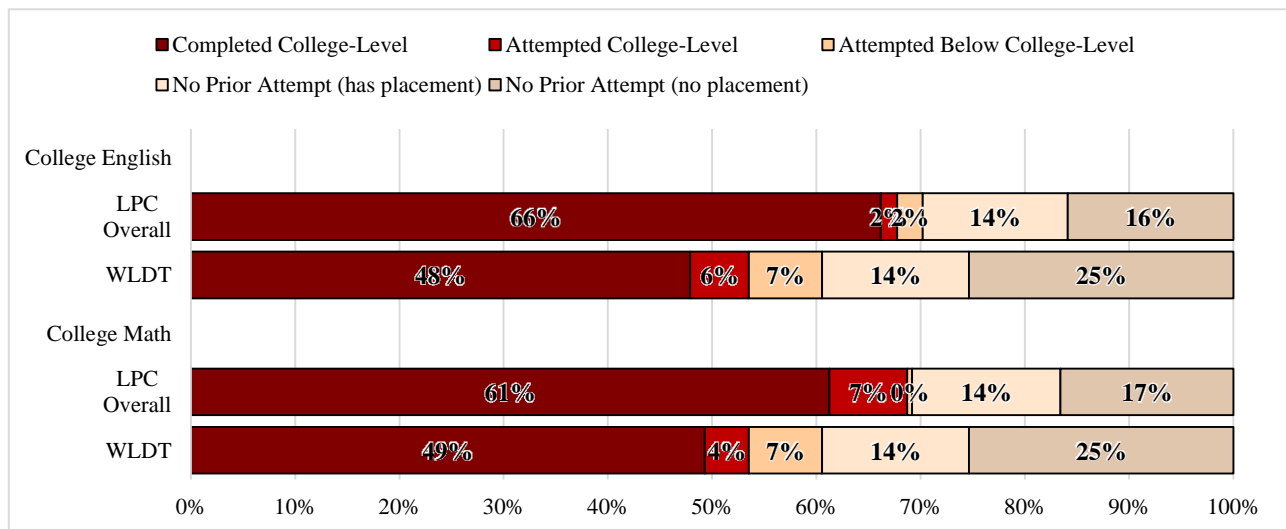
Definitions:

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.