



Las Positas College

Discipline Program Review Data Packet

Fall 2018 to Spring 2023

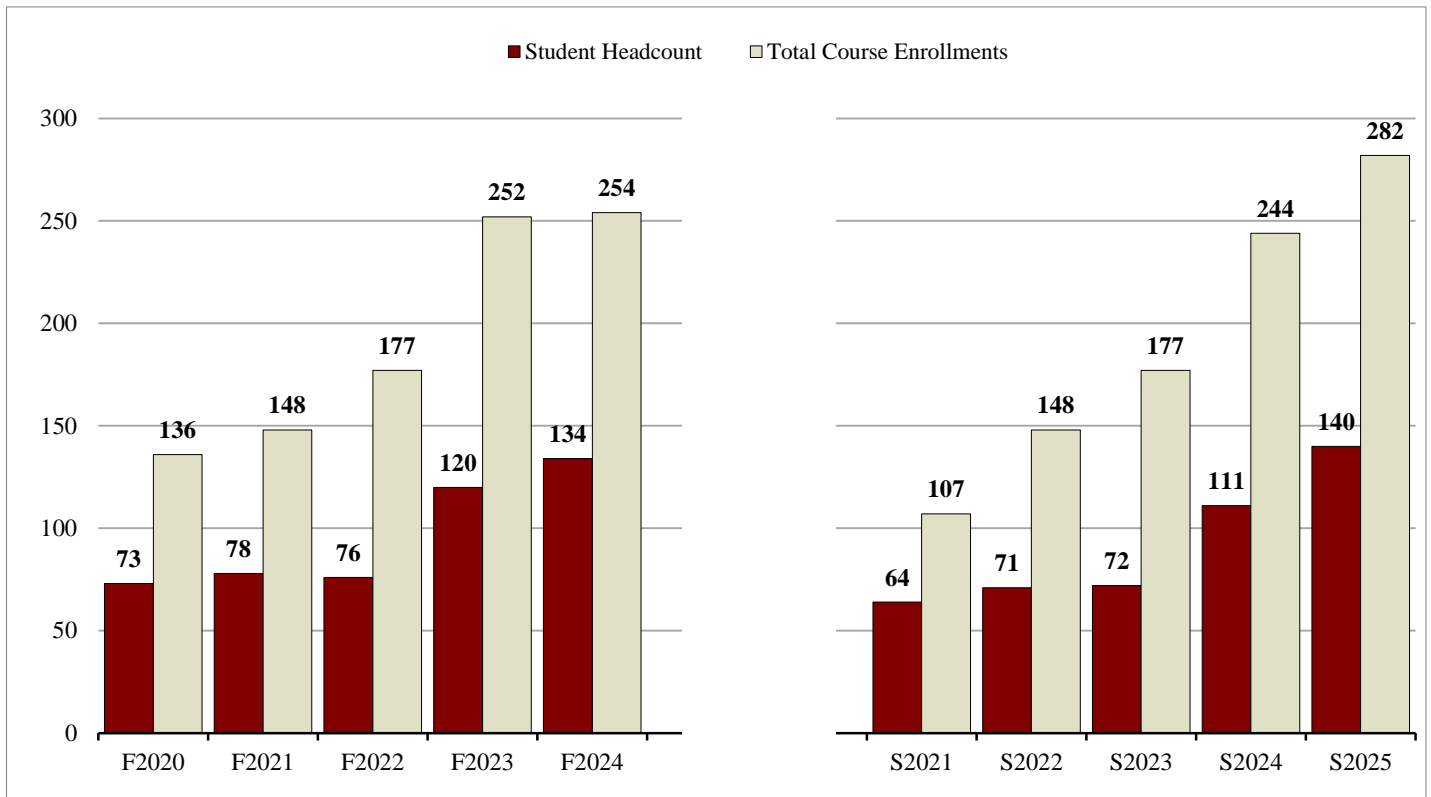
Discipline:

Welding Technology (WLDT)

<u>TABLE OF CONTENTS</u>	<u>PAGE</u>
Headcount & Enrollment	1
Student Demographics: Gender & Age	2
Student Demographics: Race-Ethnicity	3
Student Enrollment Status	4
Student Unit Load	5
Students Using Distance Education	6
Student Educational Goal	7
Highest Educational Level of Students	8
Student Performance: Grade Distribution	9
Student Performance: Distance Education	10
Enrollment Management Data	11-12
Prior Experience in English & Math	13

Headcount & Enrollment

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Student Headcount	73	78	76	120	134	64	71	72	111	140
Total Course Enrollments	136	148	177	252	254	107	148	177	244	282



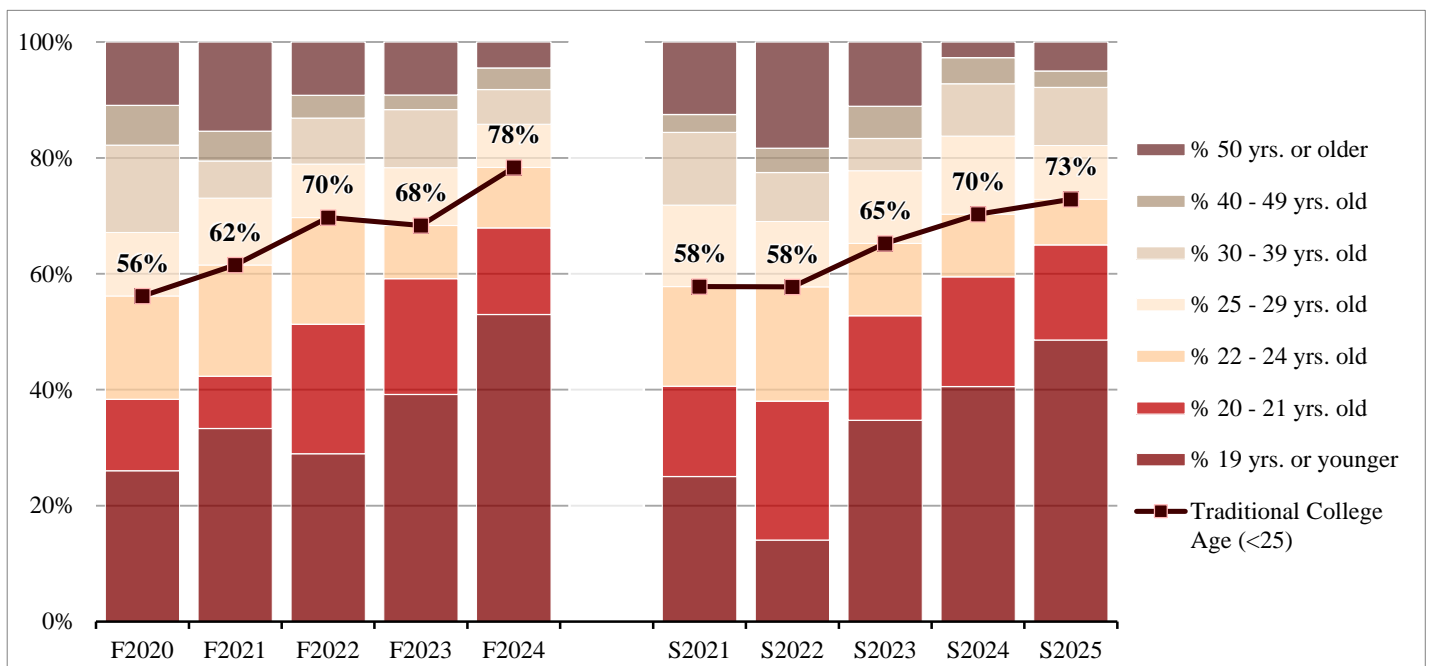
Definitions:

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.

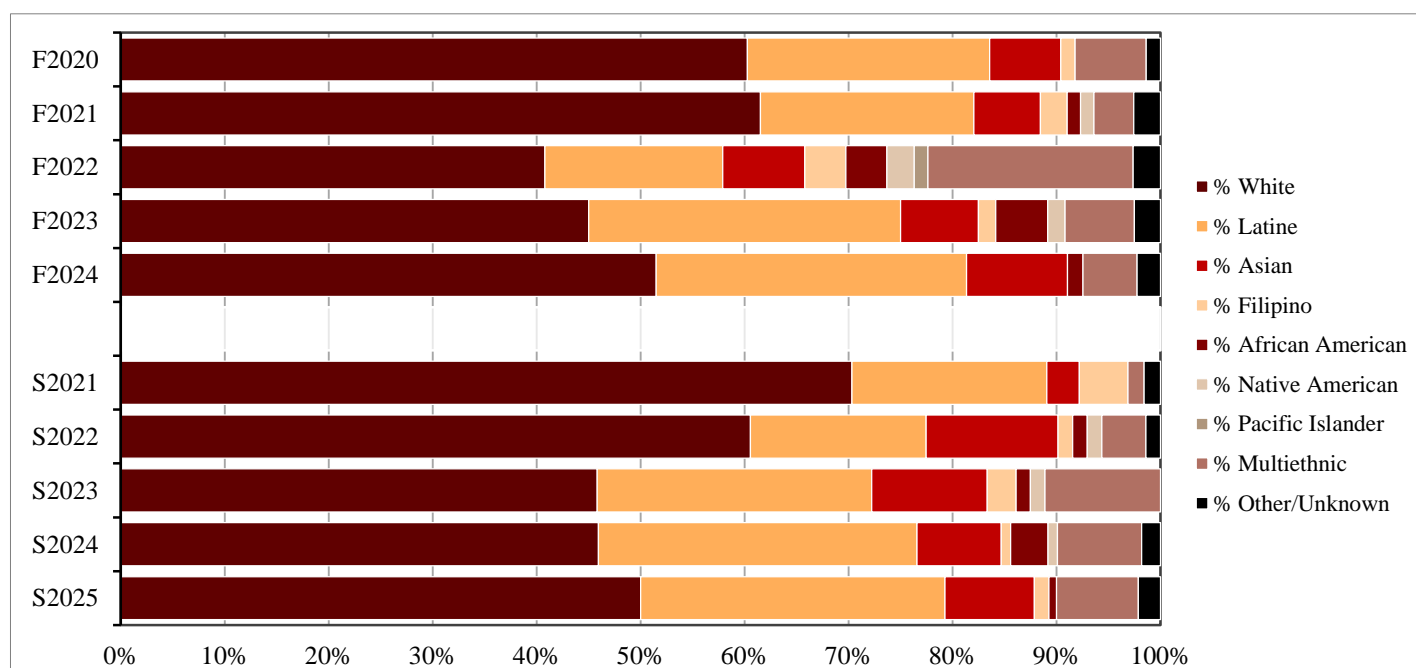
Student Demographics: Gender & Age

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Female	5	6	5	2	14	12	6	4	7	16
Male	68	70	68	110	110	51	62	64	97	117
19 yrs. or younger	19	26	22	47	71	16	10	25	45	68
20-21 yrs. old	9	7	17	24	20	10	17	13	21	23
22-24 yrs. old	13	15	14	11	14	11	14	9	12	11
25-29 yrs. old	8	9	7	12	10	9	8	9	15	13
30-39 yrs. old	11	5	6	12	8	8	6	4	10	14
40-49 yrs. old	5	4	3	3	5	2	3	4	5	4
50 yrs. or older	8	12	7	11	6	8	13	8	3	7
% Female	7%	8%	7%	2%	11%	19%	9%	6%	7%	12%
% Male	93%	92%	93%	98%	89%	81%	91%	94%	93%	88%
% 19 yrs. or younger	26%	33%	29%	39%	53%	25%	14%	35%	41%	49%
% 20 - 21 yrs. old	12%	9%	22%	20%	15%	16%	24%	18%	19%	16%
% 22 - 24 yrs. old	18%	19%	18%	9%	10%	17%	20%	13%	11%	8%
% 25 - 29 yrs. old	11%	12%	9%	10%	7%	14%	11%	13%	14%	9%
% 30 - 39 yrs. old	15%	6%	8%	10%	6%	13%	8%	6%	9%	10%
% 40 - 49 yrs. old	7%	5%	4%	3%	4%	3%	4%	6%	5%	3%
% 50 yrs. or older	11%	15%	9%	9%	4%	13%	18%	11%	3%	5%



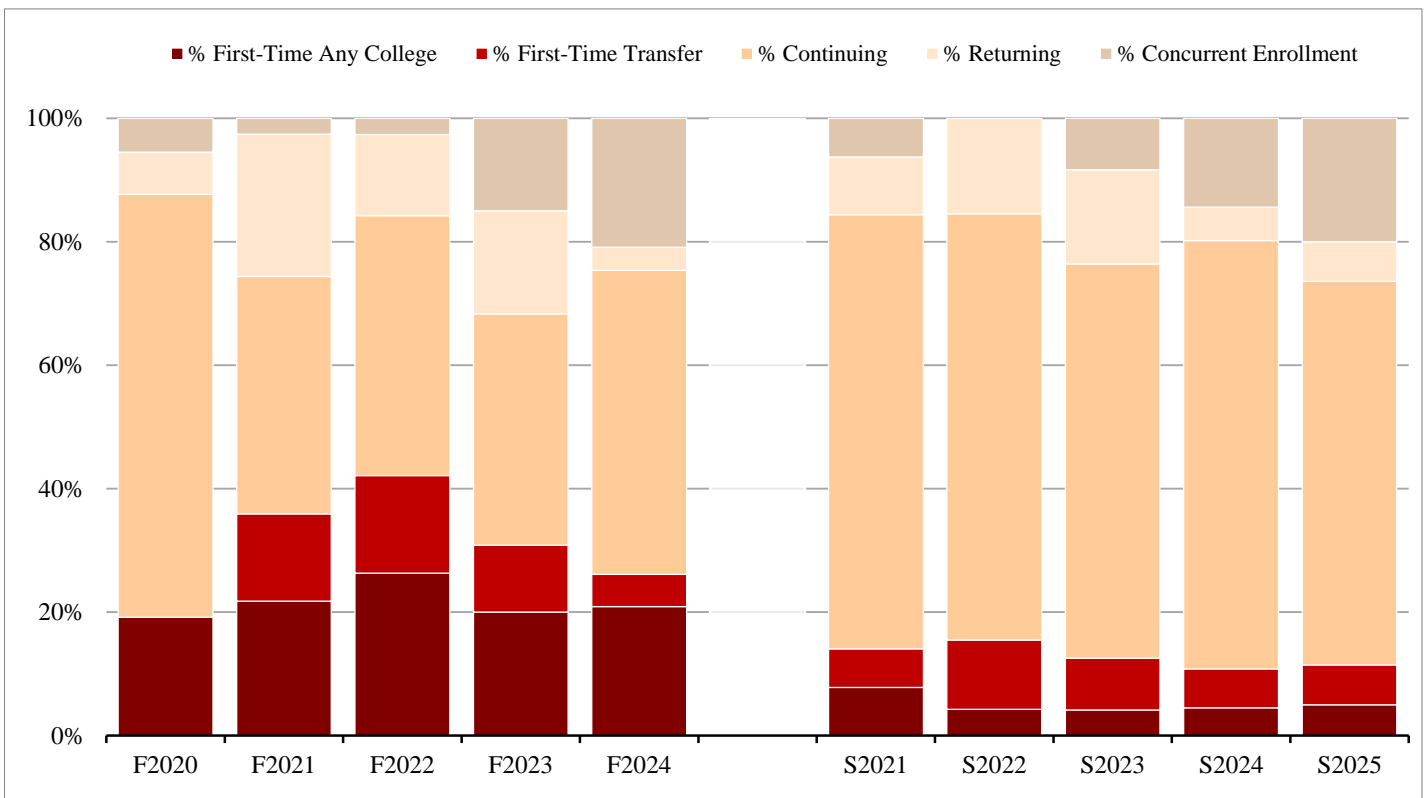
Student Demographic: Race-Ethnicity

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
African American	0	1	3	6	2	0	1	1	4	1
Asian	5	5	6	9	13	2	9	8	9	12
Filipino	1	2	3	2	0	3	1	2	1	2
Latine	17	16	13	36	40	12	12	19	34	41
Native American	0	1	2	2	0	0	1	1	1	0
Pacific Islander	0	0	1	0	0	0	0	0	0	0
White	44	48	31	54	69	45	43	33	51	70
Multiethnic	5	3	15	8	7	1	3	8	9	11
Other/Unknown	1	2	2	3	3	1	1	0	2	3
% African American	0%	1%	4%	5%	1%	0%	1%	1%	4%	1%
% Asian	7%	6%	8%	8%	10%	3%	13%	11%	8%	9%
% Filipino	1%	3%	4%	2%	0%	5%	1%	3%	1%	1%
% Latine	23%	21%	17%	30%	30%	19%	17%	26%	31%	29%
% Native American	0%	1%	3%	2%	0%	0%	1%	1%	1%	0%
% Pacific Islander	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
% White	60%	62%	41%	45%	51%	70%	61%	46%	46%	50%
% Multiethnic	7%	4%	20%	7%	5%	2%	4%	11%	8%	8%
% Other/Unknown	1%	3%	3%	3%	2%	2%	1%	0%	2%	2%



Student Enrollment Status

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
First-Time Any College	14	17	20	24	28	5	3	3	5	7
First-Time Transfer	0	11	12	13	7	4	8	6	7	9
Continuing	50	30	32	45	66	45	49	46	77	87
Returning	5	18	10	20	5	6	11	11	6	9
Concurrent Enrollment	4	2	2	18	28	4	0	6	16	28
% First-Time Any College	19%	22%	26%	20%	21%	8%	4%	4%	5%	5%
% First-Time Transfer	0%	14%	16%	11%	5%	6%	11%	8%	6%	6%
% Continuing	68%	38%	42%	38%	49%	70%	69%	64%	69%	62%
% Returning	7%	23%	13%	17%	4%	9%	15%	15%	5%	6%
% Concurrent Enrollment	5%	3%	3%	15%	21%	6%	0%	8%	14%	20%



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.

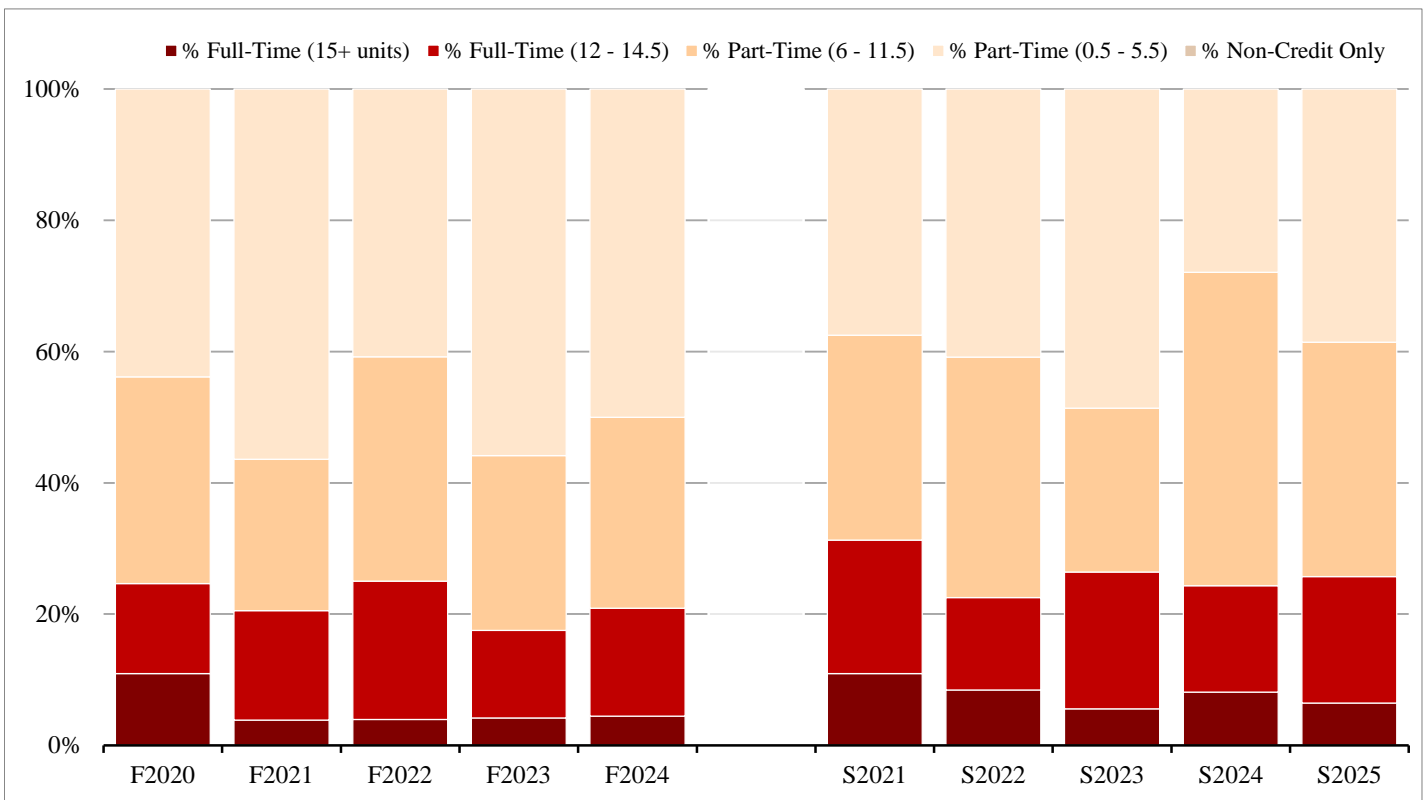
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

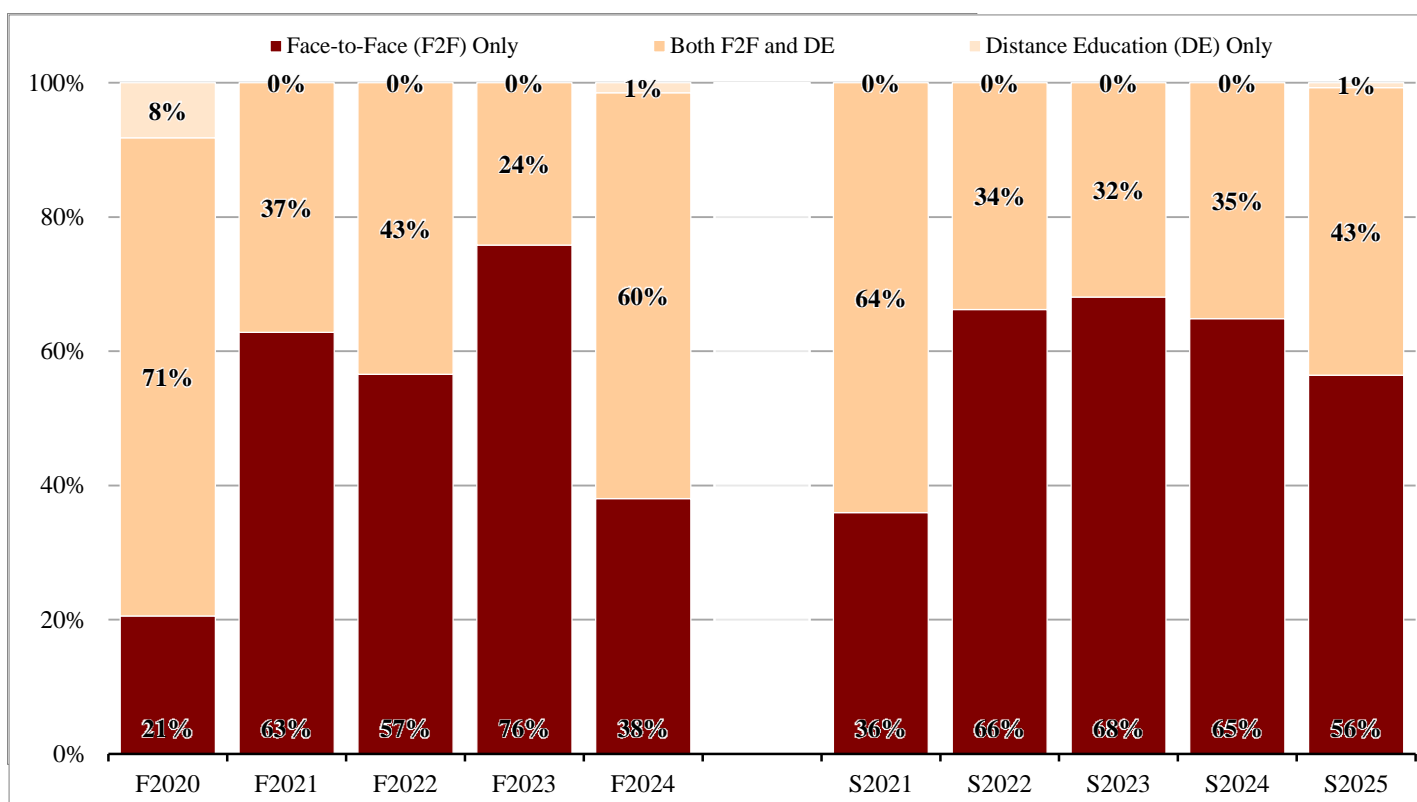
Student Unit Load

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Full-Time (15+ units)	8	3	3	5	6	7	6	4	9	9
Full-Time (12 - 14.5 units)	10	13	16	16	22	13	10	15	18	27
Part-Time (6 - 11.5 units)	23	18	26	32	39	20	26	18	53	50
Part-Time (0.5 - 5.5 units)	32	44	31	67	67	24	29	35	31	54
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	11%	4%	4%	4%	4%	11%	8%	6%	8%	6%
% Full-Time (12 - 14.5)	14%	17%	21%	13%	16%	20%	14%	21%	16%	19%
% Part-Time (6 - 11.5)	32%	23%	34%	27%	29%	31%	37%	25%	48%	36%
% Part-Time (0.5 - 5.5)	44%	56%	41%	56%	50%	38%	41%	49%	28%	39%
% Non-Credit Only	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



Students Using Distance Education

Welding Technology (WLDT)										
<i>(Categories reflect college-wide coursework)</i>	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Face-to-Face (F2F) Only	15	49	43	91	51	23	47	49	72	79
Both F2F and DE	52	29	33	29	81	41	24	23	39	60
Distance Education (DE) Only	6	0	0	0	2	0	0	0	0	1
% Face-to-Face (F2F) Only	21%	63%	57%	76%	38%	36%	66%	68%	65%	56%
% Both F2F and DE	71%	37%	43%	24%	60%	64%	34%	32%	35%	43%
% Distance Education (DE) Only	8%	0%	0%	0%	1%	0%	0%	0%	0%	1%



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.

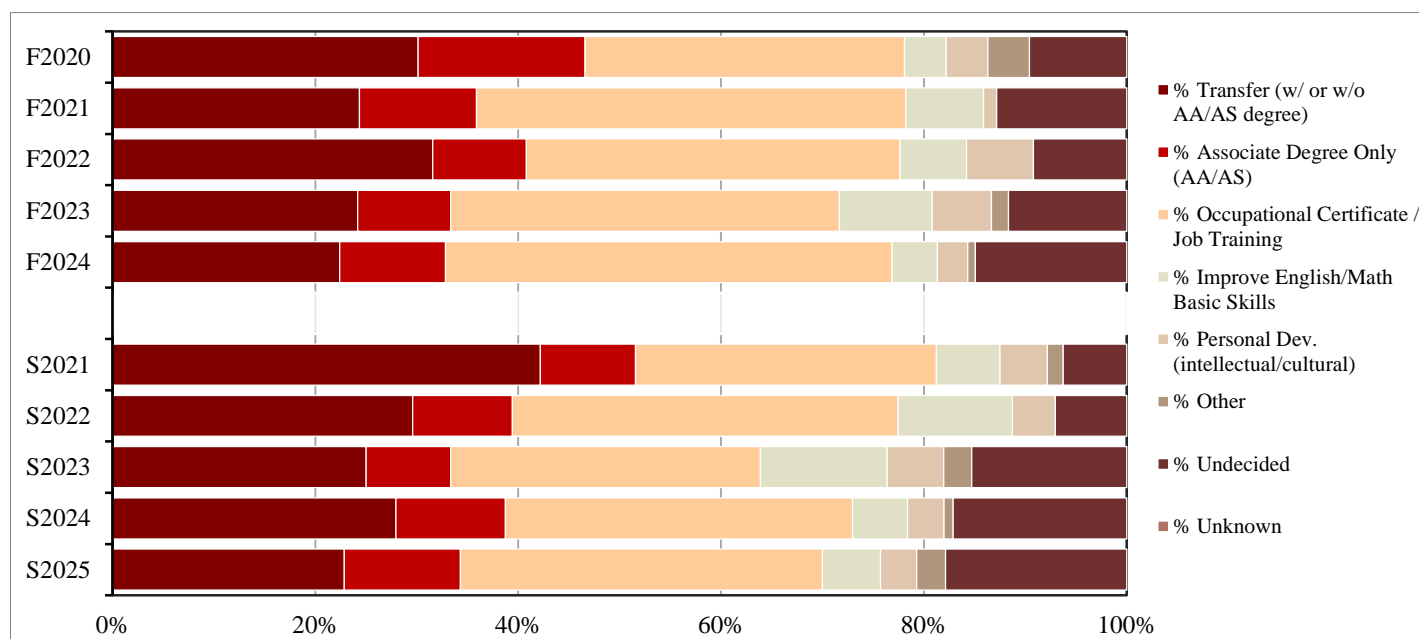
In Summer 2020 and Fall 2020, due to the COVID-19 pandemic, via web comments for each section; identified as any with an online component.

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

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Transfer (w/ or w/o AA/AS degree)	22	19	24	29	30	27	21	18	31	32
Associate Degree Only (AA/AS)	12	9	7	11	14	6	7	6	12	16
Occupational Certificate / Job Training	23	33	28	46	59	19	27	22	38	50
Improve English/Math Basic Skills	3	6	5	11	6	4	8	9	6	8
Personal Development (intellectual/cultural)	3	1	5	7	4	3	3	4	4	5
Other	3	0	0	2	1	1	0	2	1	4
Undecided	7	10	7	14	20	4	5	11	19	25
Unknown	0	0	0	0	0	0	0	0	0	0
% Transfer (w/ or w/o AA/AS degree)	30%	24%	32%	24%	22%	42%	30%	25%	28%	23%
% Associate Degree Only (AA/AS)	16%	12%	9%	9%	10%	9%	10%	8%	11%	11%
% Occupational Certificate / Job Training	32%	42%	37%	38%	44%	30%	38%	31%	34%	36%
% Improve English/Math Basic Skills	4%	8%	7%	9%	4%	6%	11%	13%	5%	6%
% Personal Dev. (intellectual/cultural)	4%	1%	7%	6%	3%	5%	4%	6%	4%	4%
% Other	4%	0%	0%	2%	1%	2%	0%	3%	1%	3%
% Undecided	10%	13%	9%	12%	15%	6%	7%	15%	17%	18%
% 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.

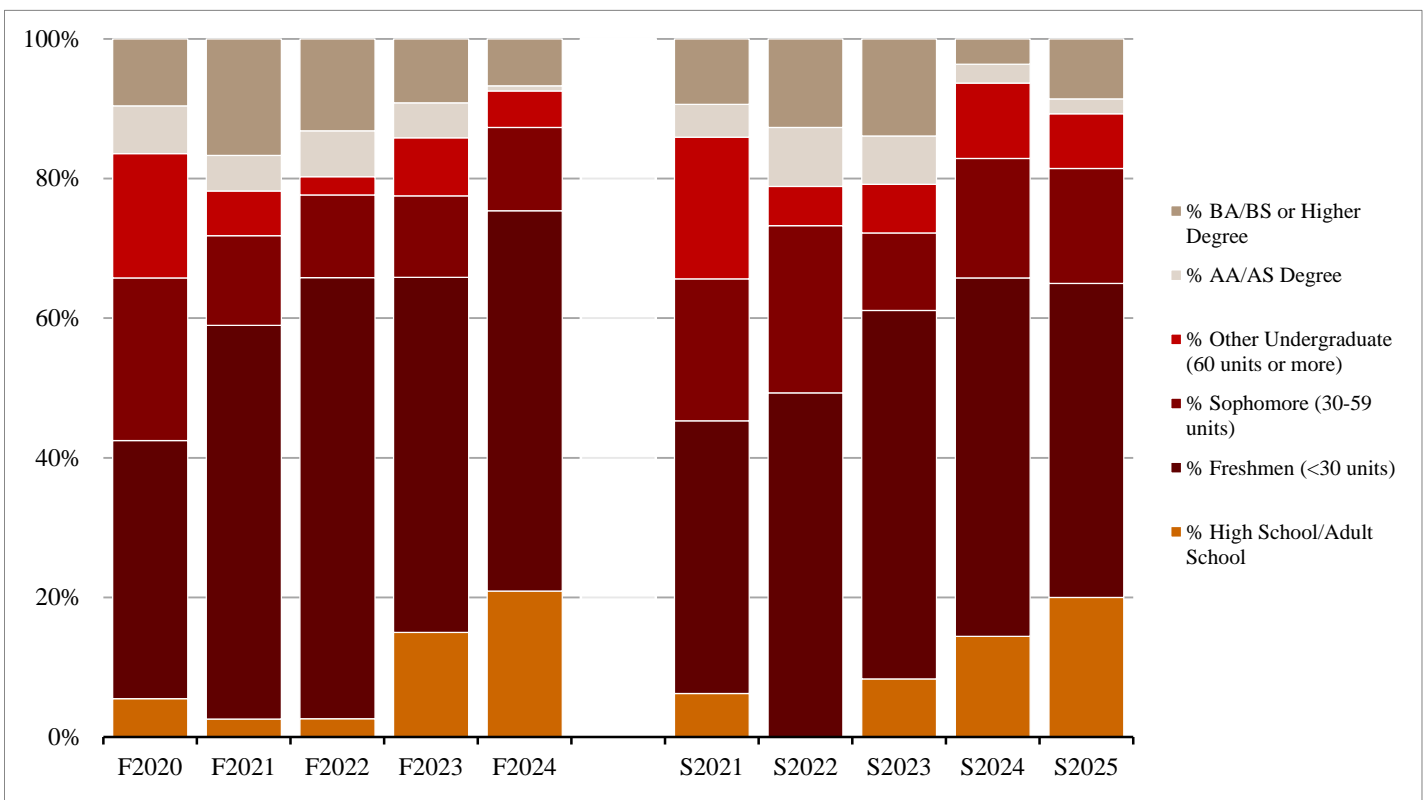
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

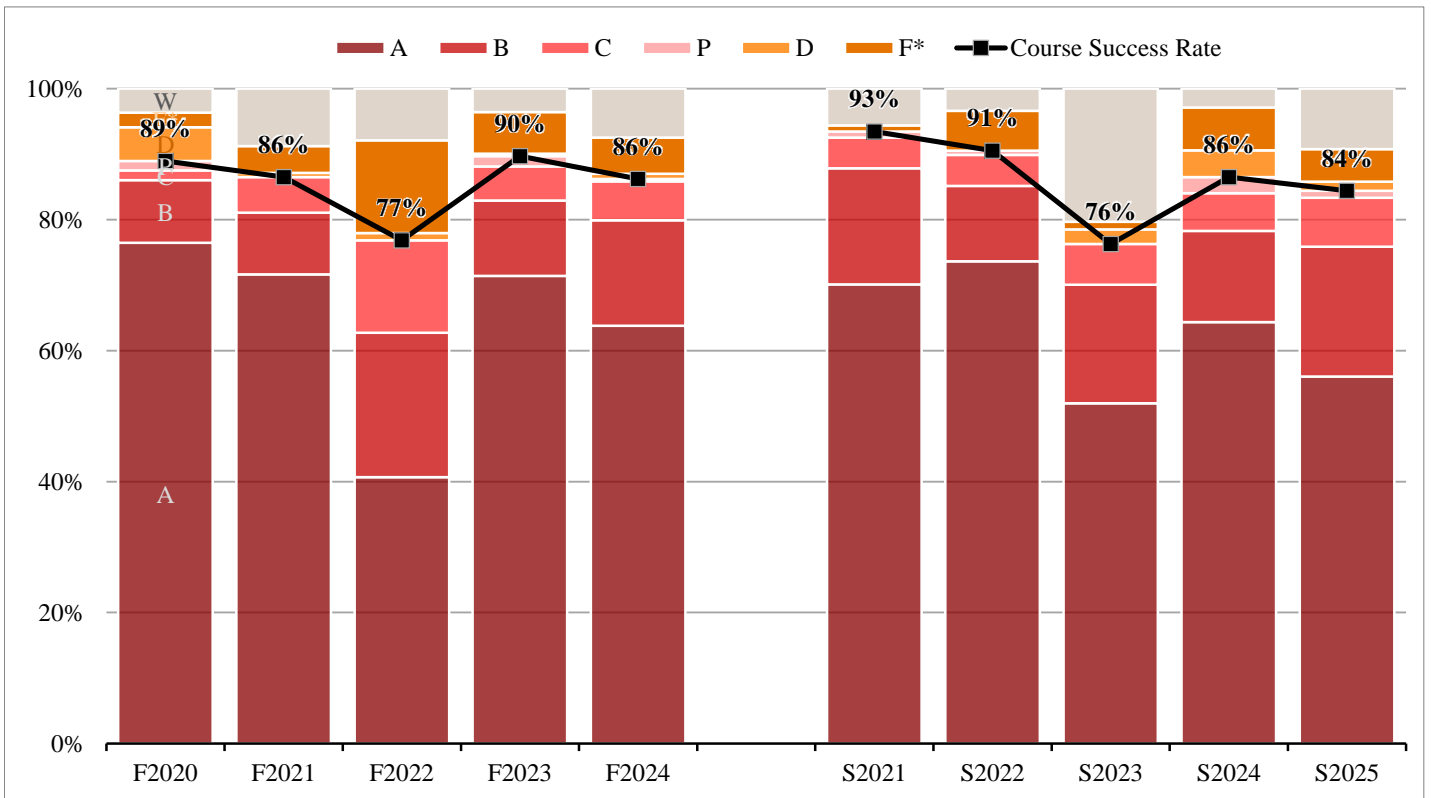
Highest Educational Level of Students

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
High School/Adult School	4	2	2	18	28	4	0	6	16	28
Freshmen (<30 units)	27	44	48	61	73	25	35	38	57	63
Sophomore (30-59 units)	17	10	9	14	16	13	17	8	19	23
Other Undergraduate (60 units or more)	13	5	2	10	7	13	4	5	12	11
AA/AS Degree	5	4	5	6	1	3	6	5	3	3
BA/BS or Higher Degree	7	13	10	11	9	6	9	10	4	12
% High School/Adult School	5%	3%	3%	15%	21%	6%	0%	8%	14%	20%
% Freshmen (<30 units)	37%	56%	63%	51%	54%	39%	49%	53%	51%	45%
% Sophomore (30-59 units)	23%	13%	12%	12%	12%	20%	24%	11%	17%	16%
% Other Undergraduate (60 units or more)	18%	6%	3%	8%	5%	20%	6%	7%	11%	8%
% AA/AS Degree	7%	5%	7%	5%	1%	5%	8%	7%	3%	2%
% BA/BS or Higher Degree	10%	17%	13%	9%	7%	9%	13%	14%	4%	9%



Student Performance: Grade Distribution

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Total Course Enrollments	136	148	177	252	254	107	148	177	244	282
Course Success Rates	89%	86%	77%	90%	86%	93%	91%	76%	86%	84%
A	76%	72%	41%	71%	64%	70%	74%	52%	64%	56%
B	10%	9%	22%	12%	16%	18%	11%	18%	14%	20%
C	1%	5%	14%	5%	6%	5%	5%	6%	6%	7%
P	1%	0%	0%	2%	<1%	1%	1%	0%	2%	1%
Course Non-Success Rate	7%	5%	15%	7%	6%	1%	6%	3%	11%	6%
D	5%	1%	1%	<1%	1%	0%	0%	2%	4%	1%
F*	2%	4%	14%	6%	6%	1%	6%	1%	7%	5%
Withdrawals (See Note)	4%	9%	8%	4%	7%	6%	3%	20%	3%	9%



Definitions:

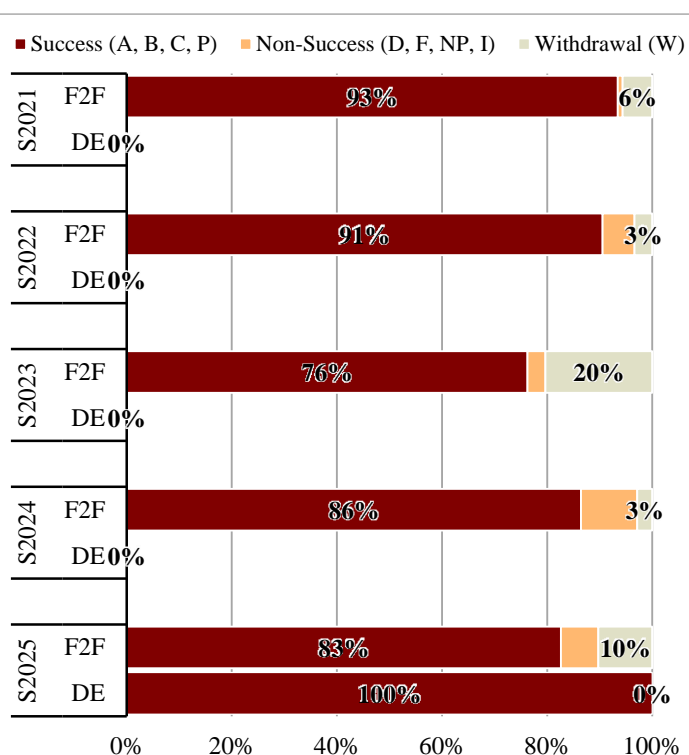
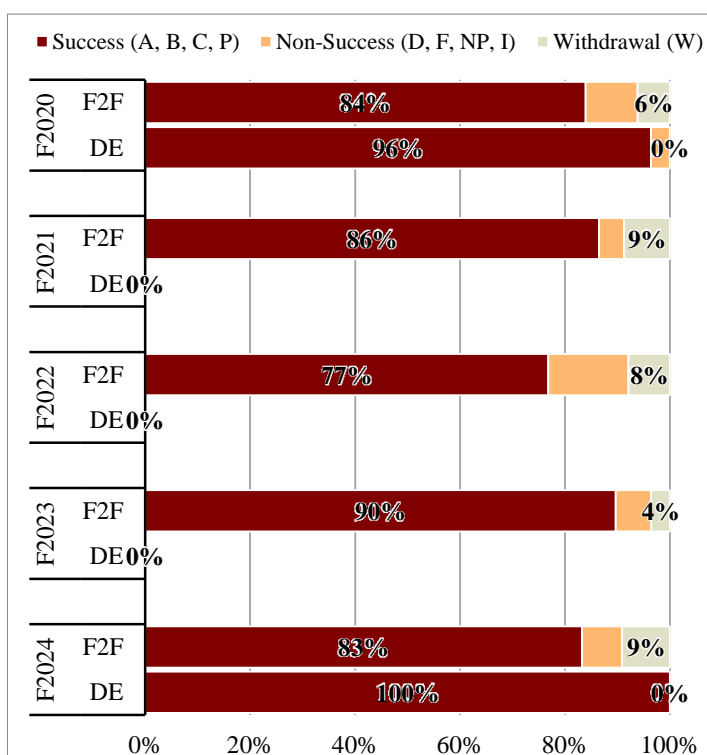
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

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

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
Total Course Enrollments	136	148	177	252	254	107	148	177	244	282
Face-to-Face (F2F) Sections	81	148	177	252	209	107	148	177	244	253
Success Rates	84%	86%	77%	90%	83%	93%	91%	76%	86%	83%
Non-Success Rates	10%	5%	15%	7%	8%	1%	6%	3%	11%	7%
Withdrawals	6%	9%	8%	4%	9%	6%	3%	20%	3%	10%
Distance Education (DE) Sections	55	0	0	0	45	0	0	0	0	29
Success Rates	96%	—	—	—	100%	—	—	—	—	100%
Non-Success Rates	4%	—	—	—	0%	—	—	—	—	0%
Withdrawals	0%	—	—	—	0%	—	—	—	—	0%



Definitions:

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

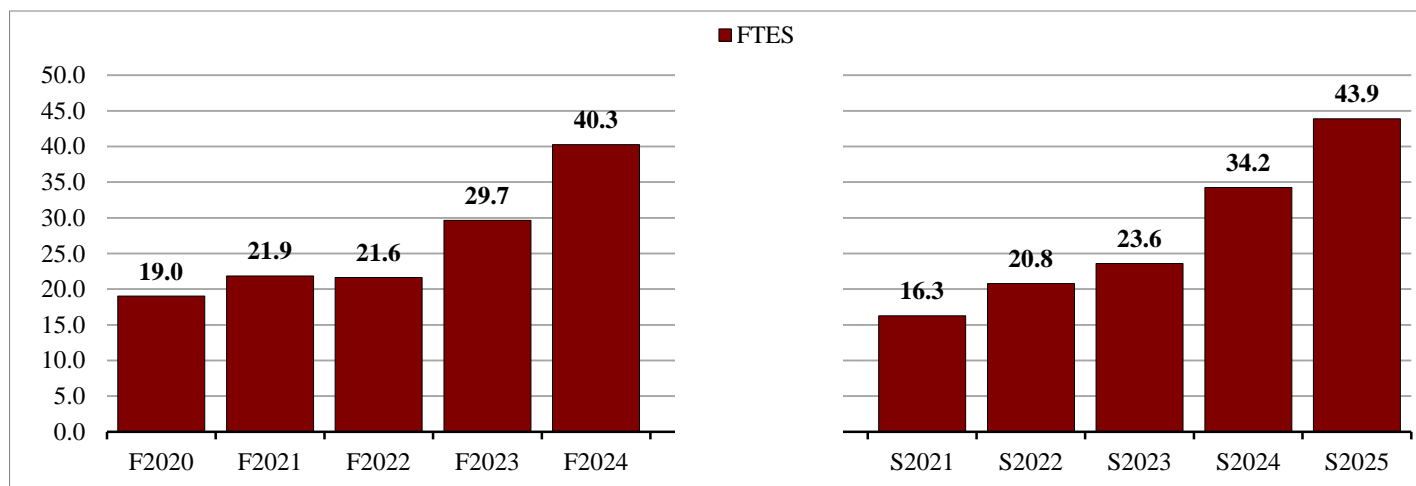
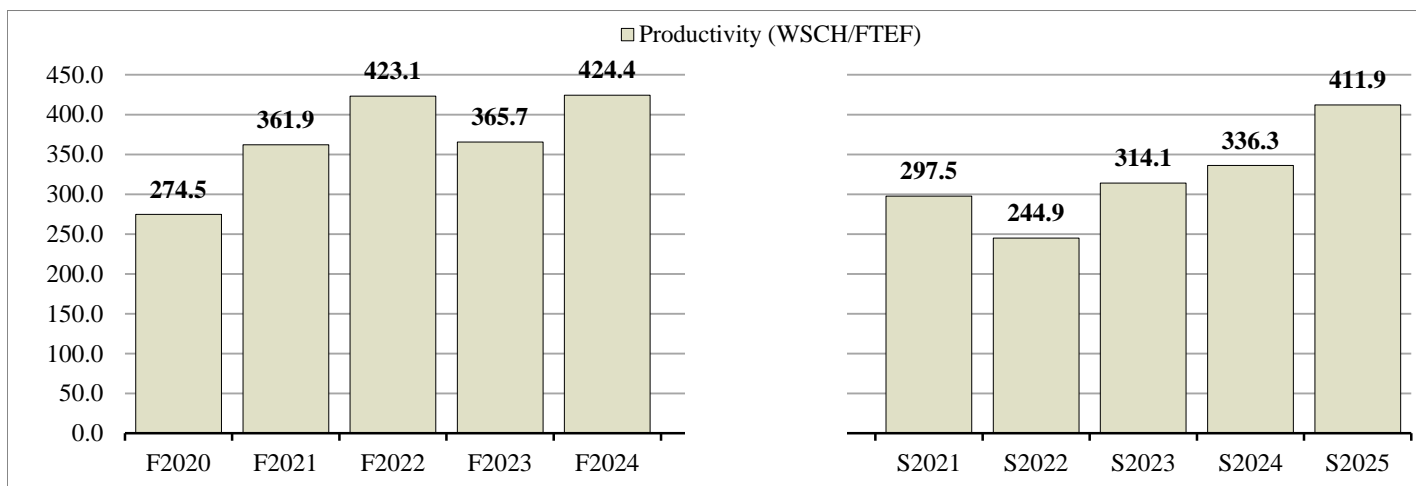
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

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

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
WSCH	577	658	649	890	1,209	501	625	707	1,029	1,332
FTES	19.0	21.9	21.6	29.7	40.3	16.3	20.8	23.6	34.2	43.9
FTEF	2.1	1.8	1.5	2.4	2.8	1.7	2.6	2.3	3.1	3.2
Productivity (WSCH/FTEF)	274.5	361.9	423.1	365.7	424.4	297.5	244.9	314.1	336.3	411.9



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.

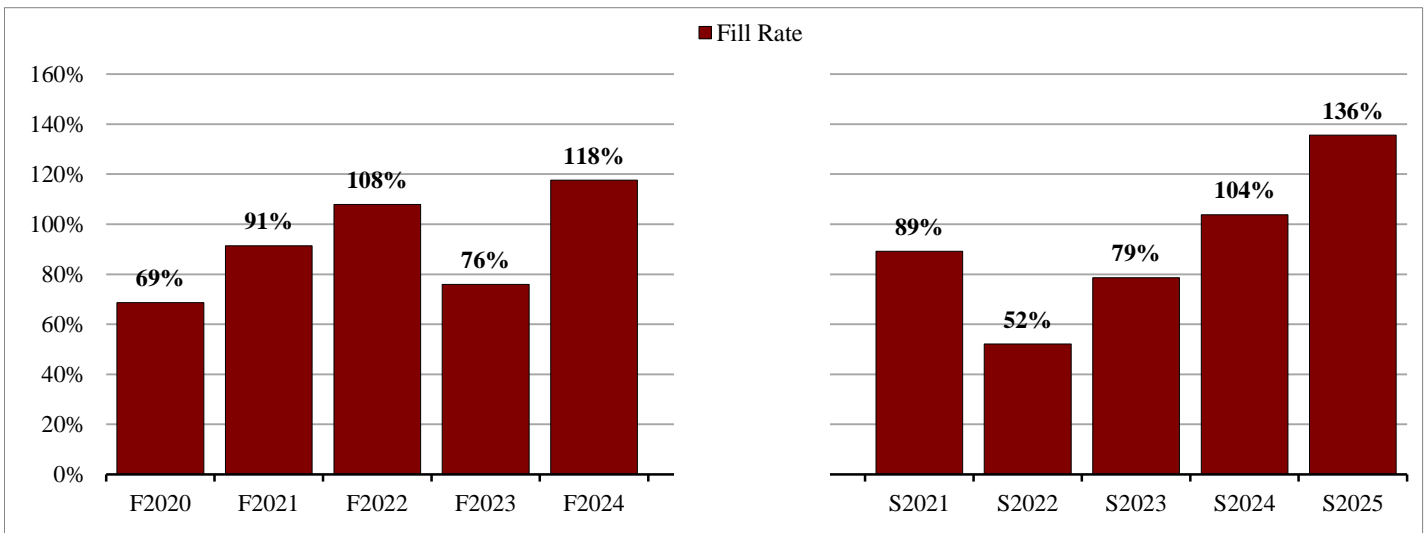
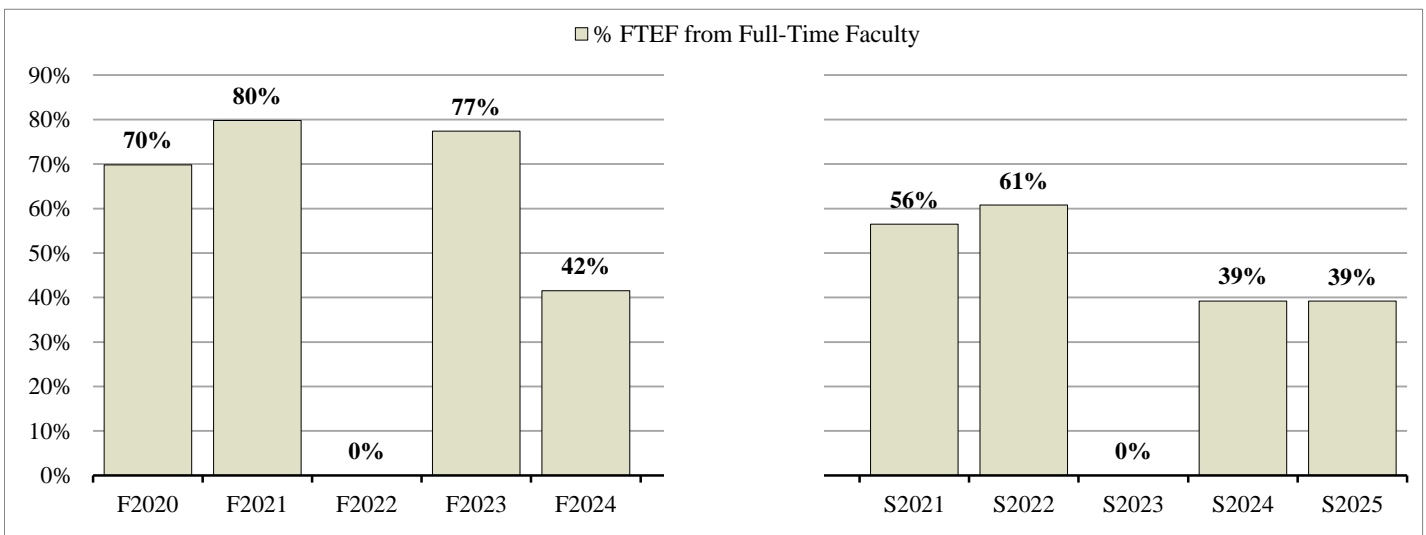
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2020	F2021	F2022	F2023	F2024	S2021	S2022	S2023	S2024	S2025
FTEF from Full-Time Faculty	1.5	1.5	0.0	1.9	1.2	1.0	1.6	0.0	1.2	1.3
% FTEF from Full-Time Faculty	70%	80%	0%	77%	42%	56%	61%	0%	39%	39%
Enrollments	136	148	177	252	254	107	148	177	244	282
Capacity (seats available)	198	162	164	332	216	120	284	225	235	208
Fill Rate	69%	91%	108%	76%	118%	89%	52%	79%	104%	136%



Definitions:

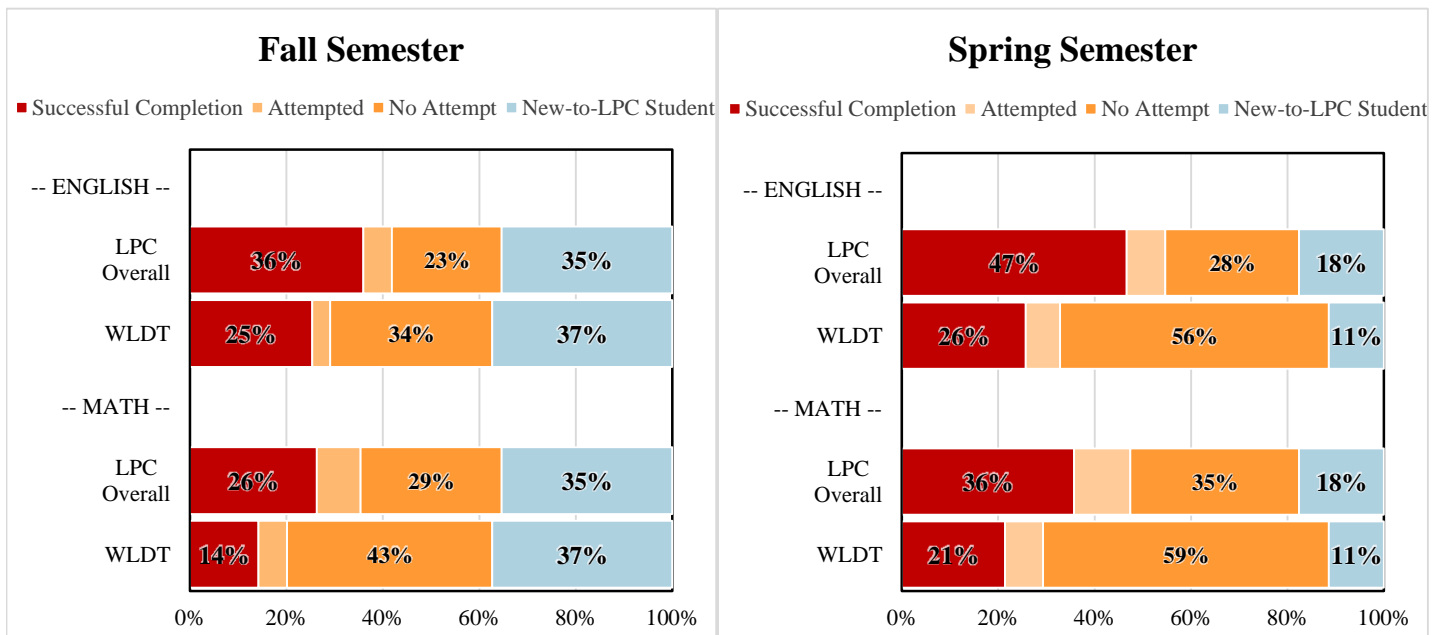
Fill Rate is number of enrollments over the total capacity (seats available).

% 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 2024				Spring 2025			
	WLDT		LPC Overall		WLDT		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
Transfer-level English								
Successful Completion*	34	25%	2,993	36%	36	26%	3,734	47%
Attempted (not successful)	5	4%	492	6%	10	7%	641	8%
No Attempt	45	34%	1,892	23%	78	56%	2,223	28%
New-to-LPC Student	50	37%	2,946	35%	16	11%	1,409	18%
Transfer-level Math								
Successful Completion*	19	14%	2,189	26%	30	21%	2,859	36%
Attempted (not successful)	8	6%	757	9%	11	8%	935	12%
No Attempt	57	43%	2,431	29%	83	59%	2,804	35%
New-to-LPC Student	50	37%	2,946	35%	16	11%	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.