



Las Positas College
Discipline Program Review Data Packet
Fall 2018 to Spring 2023

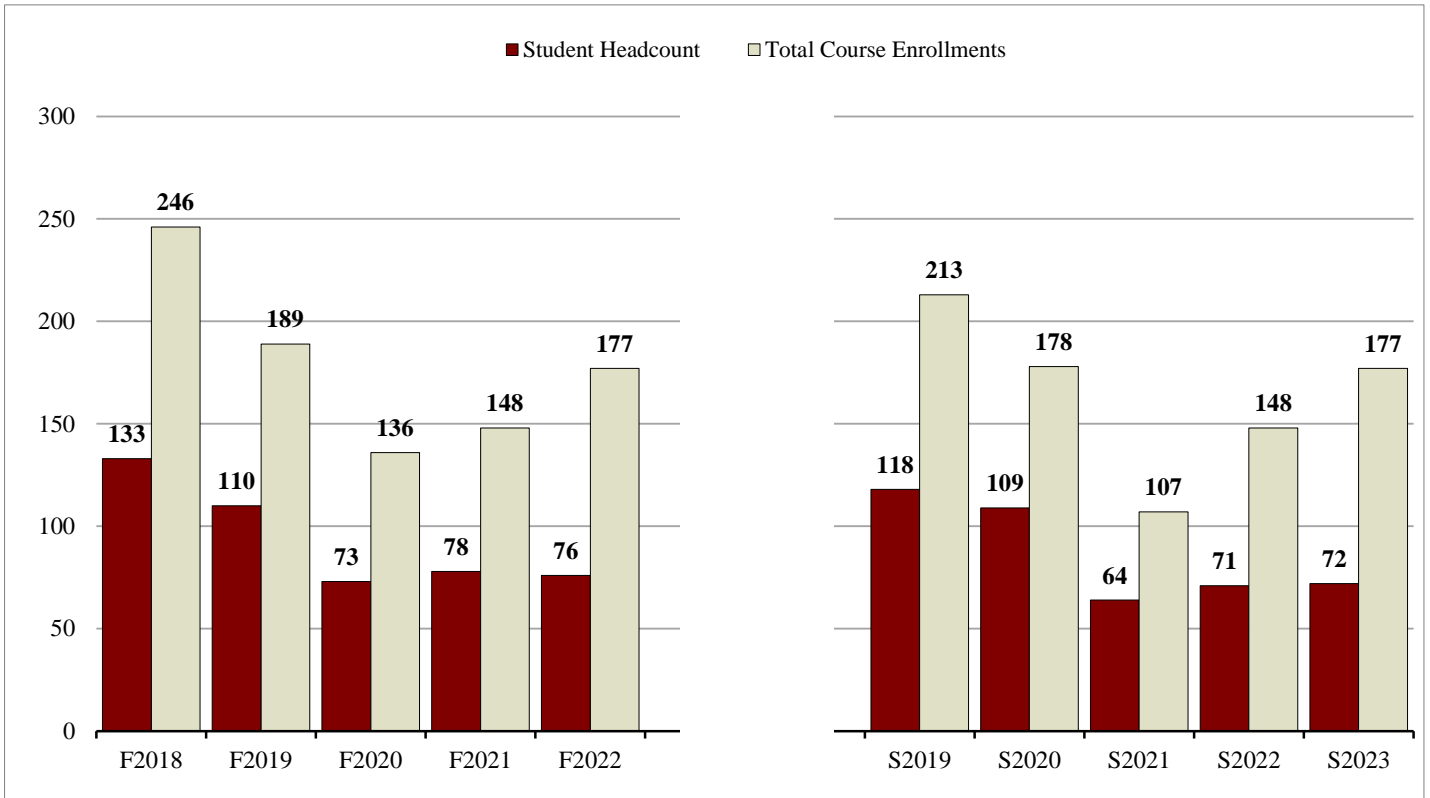
Discipline:

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				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Student Headcount	133	110	73	78	76	118	109	64	71	72
Total Course Enrollments	246	189	136	148	177	213	178	107	148	177



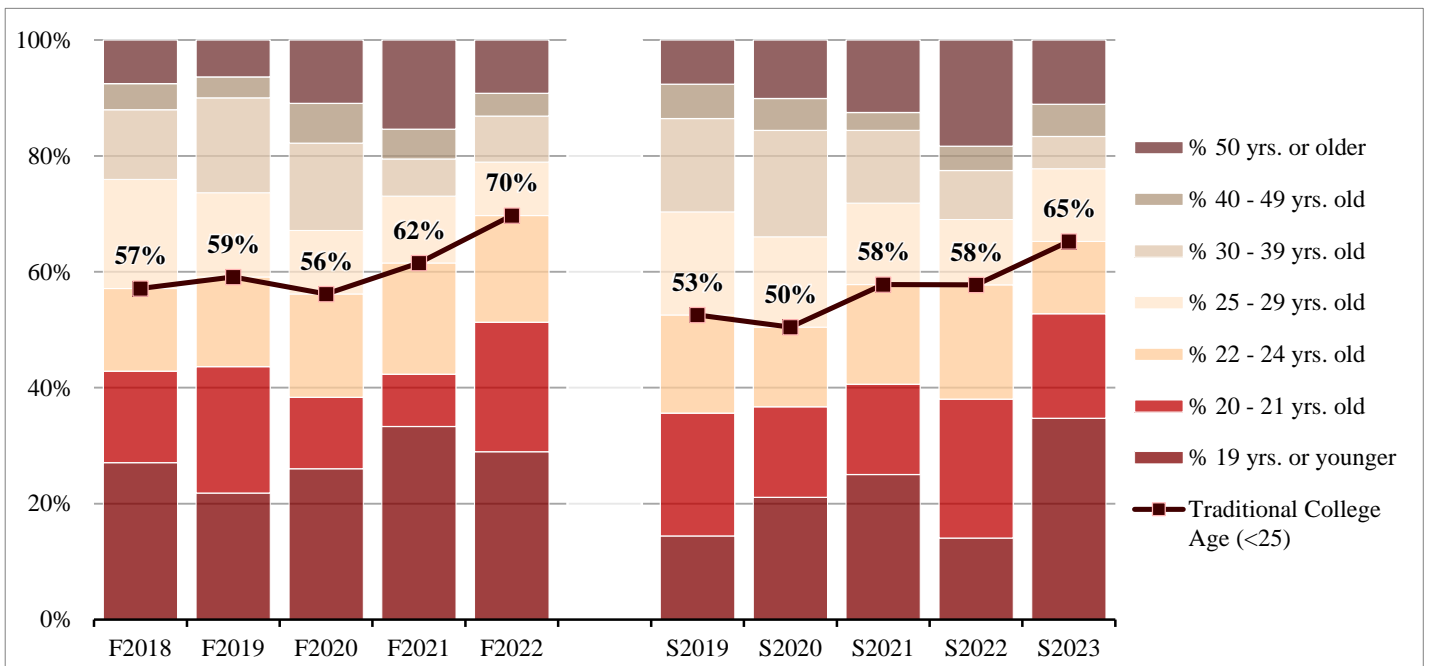
Definitions:

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.

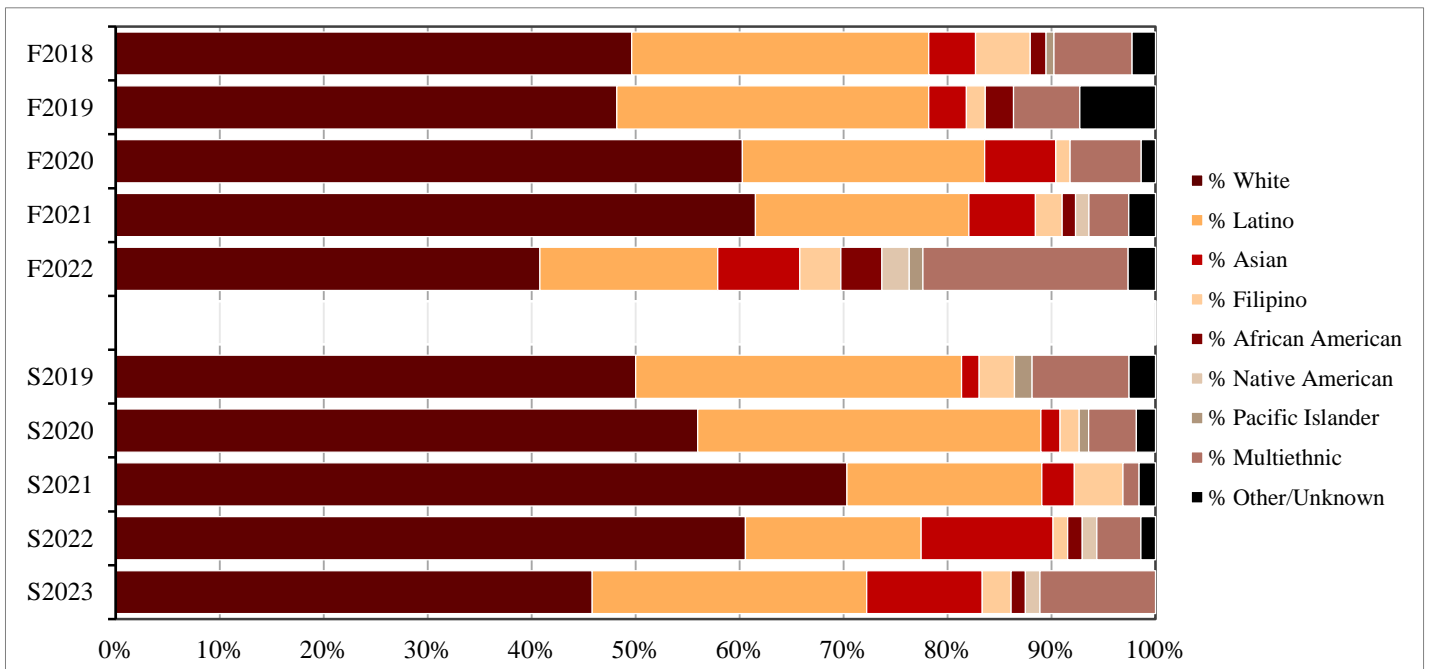
Student Demographics: Gender & Age

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Female	11	8	5	6	5	11	8	12	6	4
Male	121	99	68	70	68	106	98	51	62	64
19 yrs. or younger	36	24	19	26	22	17	23	16	10	25
20-21 yrs. old	21	24	9	7	17	25	17	10	17	13
22-24 yrs. old	19	17	13	15	14	20	15	11	14	9
25-29 yrs. old	25	16	8	9	7	21	17	9	8	9
30-39 yrs. old	16	18	11	5	6	19	20	8	6	4
40-49 yrs. old	6	4	5	4	3	7	6	2	3	4
50 yrs. or older	10	7	8	12	7	9	11	8	13	8
% Female	8%	7%	7%	8%	7%	9%	8%	19%	9%	6%
% Male	92%	93%	93%	92%	93%	91%	92%	81%	91%	94%
% 19 yrs. or younger	27%	22%	26%	33%	29%	14%	21%	25%	14%	35%
% 20 - 21 yrs. old	16%	22%	12%	9%	22%	21%	16%	16%	24%	18%
% 22 - 24 yrs. old	14%	15%	18%	19%	18%	17%	14%	17%	20%	13%
% 25 - 29 yrs. old	19%	15%	11%	12%	9%	18%	16%	14%	11%	13%
% 30 - 39 yrs. old	12%	16%	15%	6%	8%	16%	18%	13%	8%	6%
% 40 - 49 yrs. old	5%	4%	7%	5%	4%	6%	6%	3%	4%	6%
% 50 yrs. or older	8%	6%	11%	15%	9%	8%	10%	13%	18%	11%



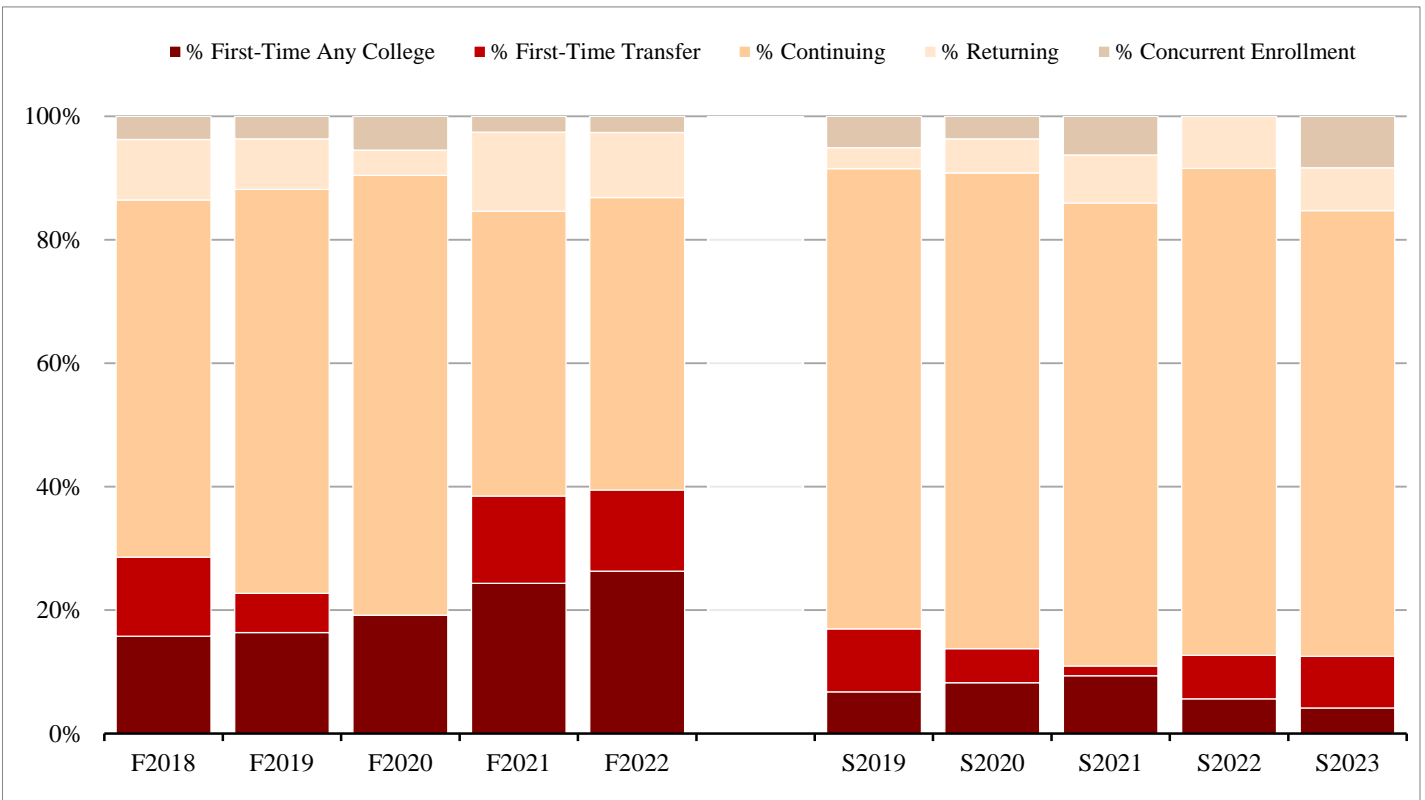
Student Demographic: Race-Ethnicity

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
African American	2	3	0	1	3	0	0	0	1	1
Asian	6	4	5	5	6	2	2	2	9	8
Filipino	7	2	1	2	3	4	2	3	1	2
Latino	38	33	17	16	13	37	36	12	12	19
Native American	0	0	0	1	2	0	0	0	1	1
Pacific Islander	1	0	0	0	1	2	1	0	0	0
White	66	53	44	48	31	59	61	45	43	33
Multiethnic	10	7	5	3	15	11	5	1	3	8
Other/Unknown	3	8	1	2	2	3	2	1	1	0
% African American	2%	3%	0%	1%	4%	0%	0%	0%	1%	1%
% Asian	5%	4%	7%	6%	8%	2%	2%	3%	13%	11%
% Filipino	5%	2%	1%	3%	4%	3%	2%	5%	1%	3%
% Latino	29%	30%	23%	21%	17%	31%	33%	19%	17%	26%
% Native American	0%	0%	0%	1%	3%	0%	0%	0%	1%	1%
% Pacific Islander	1%	0%	0%	0%	1%	2%	1%	0%	0%	0%
% White	50%	48%	60%	62%	41%	50%	56%	70%	61%	46%
% Multiethnic	8%	6%	7%	4%	20%	9%	5%	2%	4%	11%
% Other/Unknown	2%	7%	1%	3%	3%	3%	2%	2%	1%	0%



Student Enrollment Status

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
First-Time Any College	21	18	14	19	20	8	9	6	4	3
First-Time Transfer	17	7	0	11	10	12	6	1	5	6
Continuing	77	72	52	36	36	88	84	48	56	52
Returning	13	9	3	10	8	4	6	5	6	5
Concurrent Enrollment	5	4	4	2	2	6	4	4	0	6
% First-Time Any College	16%	16%	19%	24%	26%	7%	8%	9%	6%	4%
% First-Time Transfer	13%	6%	0%	14%	13%	10%	6%	2%	7%	8%
% Continuing	58%	65%	71%	46%	47%	75%	77%	75%	79%	72%
% Returning	10%	8%	4%	13%	11%	3%	6%	8%	8%	7%
% Concurrent Enrollment	4%	4%	5%	3%	3%	5%	4%	6%	0%	8%



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.

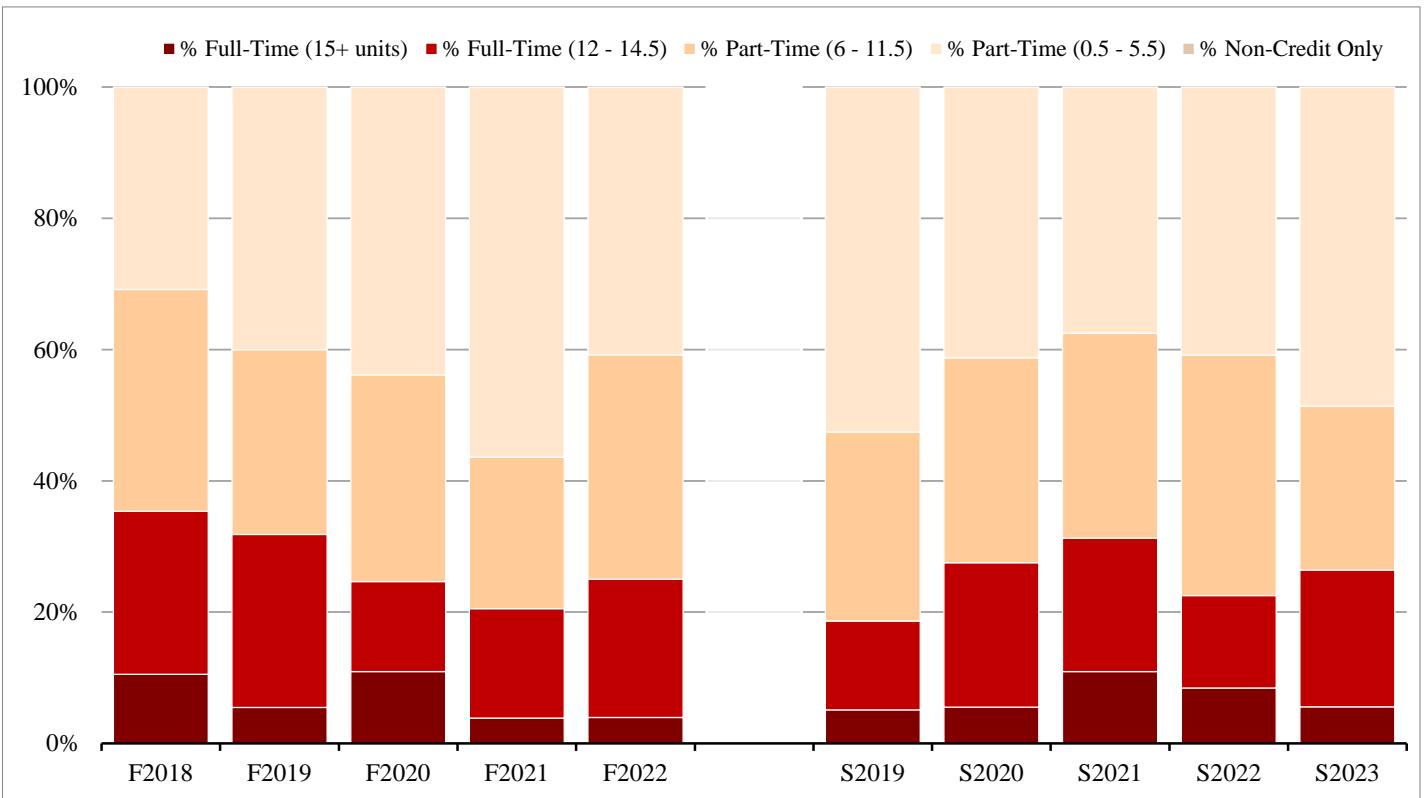
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

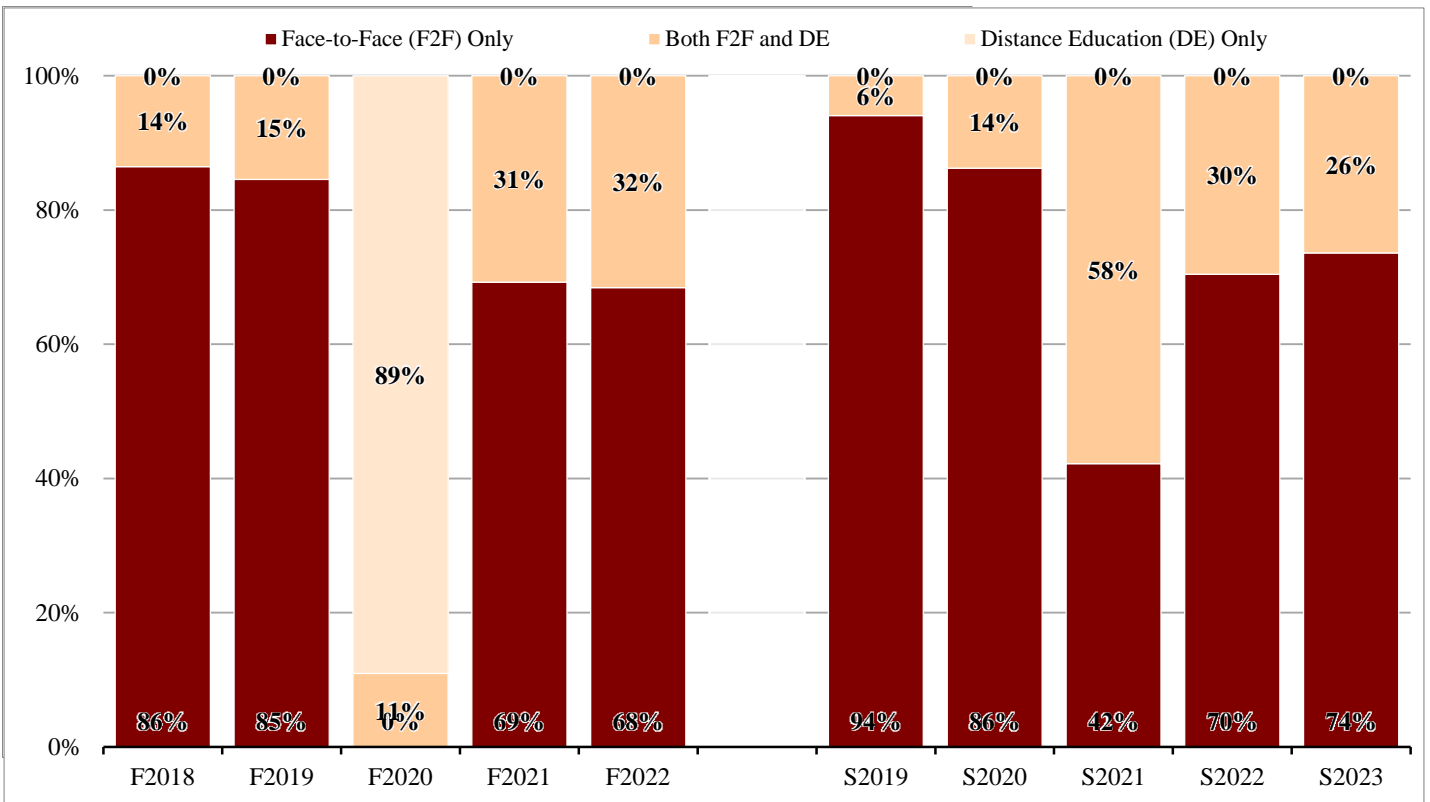
Student Unit Load

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Full-Time (15+ units)	14	6	8	3	3	6	6	7	6	4
Full-Time (12 - 14.5 units)	33	29	10	13	16	16	24	13	10	15
Part-Time (6 - 11.5 units)	45	31	23	18	26	34	34	20	26	18
Part-Time (0.5 - 5.5 units)	41	44	32	44	31	62	45	24	29	35
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	11%	5%	11%	4%	4%	5%	6%	11%	8%	6%
% Full-Time (12 - 14.5)	25%	26%	14%	17%	21%	14%	22%	20%	14%	21%
% Part-Time (6 - 11.5)	34%	28%	32%	23%	34%	29%	31%	31%	37%	25%
% Part-Time (0.5 - 5.5)	31%	40%	44%	56%	41%	53%	41%	38%	41%	49%
% 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				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Face-to-Face (F2F) Only	115	93	0	54	52	111	94	27	50	53
Both F2F and DE	18	17	8	24	24	7	15	37	21	19
Distance Education (DE) Only	0	0	65	0	0	0	0	0	0	0
% Face-to-Face (F2F) Only	86%	85%	0%	69%	68%	94%	86%	42%	70%	74%
% Both F2F and DE	14%	15%	11%	31%	32%	6%	14%	58%	30%	26%
% Distance Education (DE) Only	0%	0%	89%	0%	0%	0%	0%	0%	0%	0%

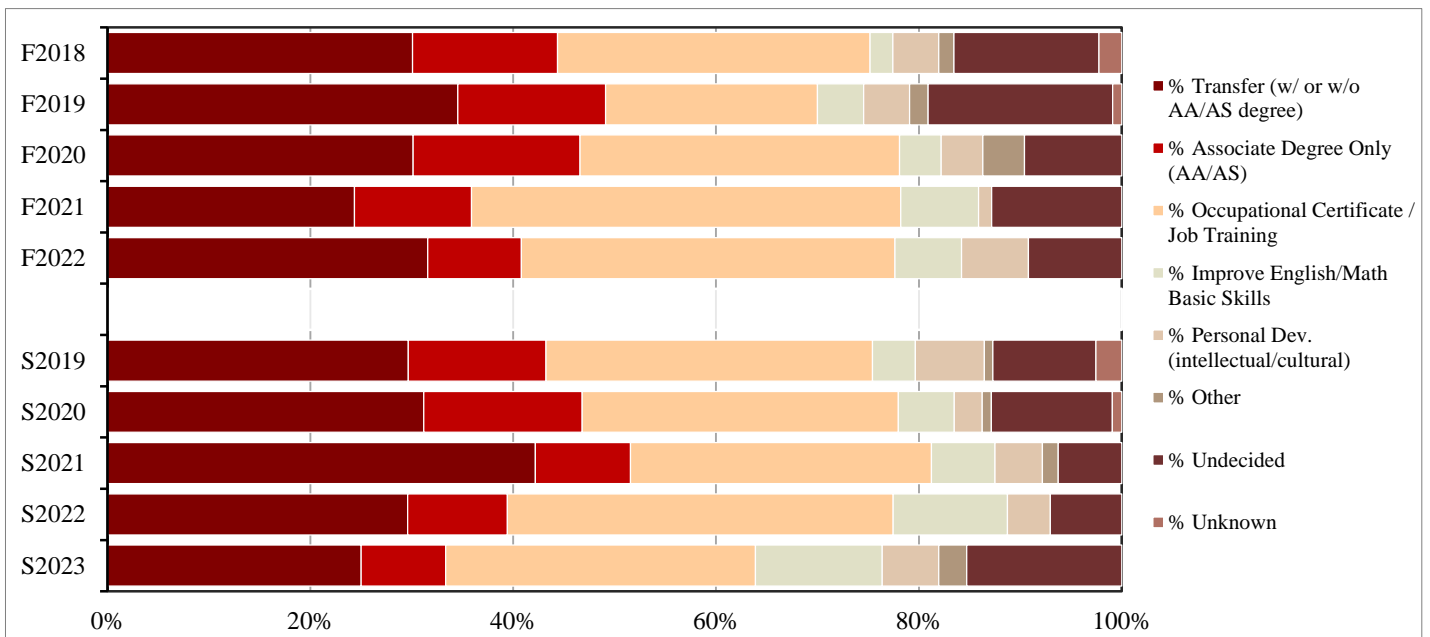


Definitions:

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.

Student Educational Goal

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Transfer (w/ or w/o AA/AS degree)	40	38	22	19	24	35	34	27	21	18
Associate Degree Only (AA/AS)	19	16	12	9	7	16	17	6	7	6
Occupational Certificate / Job Training	41	23	23	33	28	38	34	19	27	22
Improve English/Math Basic Skills	3	5	3	6	5	5	6	4	8	9
Personal Development (intellectual/cultural)	6	5	3	1	5	8	3	3	3	4
Other	2	2	3	0	0	1	1	1	0	2
Undecided	19	20	7	10	7	12	13	4	5	11
Unknown	3	1	0	0	0	3	1	0	0	0
% Transfer (w/ or w/o AA/AS degree)	30%	35%	30%	24%	32%	30%	31%	42%	30%	25%
% Associate Degree Only (AA/AS)	14%	15%	16%	12%	9%	14%	16%	9%	10%	8%
% Occupational Certificate / Job Training	31%	21%	32%	42%	37%	32%	31%	30%	38%	31%
% Improve English/Math Basic Skills	2%	5%	4%	8%	7%	4%	6%	6%	11%	13%
% Personal Dev. (intellectual/cultural)	5%	5%	4%	1%	7%	7%	3%	5%	4%	6%
% Other	2%	2%	4%	0%	0%	1%	1%	2%	0%	3%
% Undecided	14%	18%	10%	13%	9%	10%	12%	6%	7%	15%
% Unknown	2%	1%	0%	0%	0%	3%	1%	0%	0%	0%

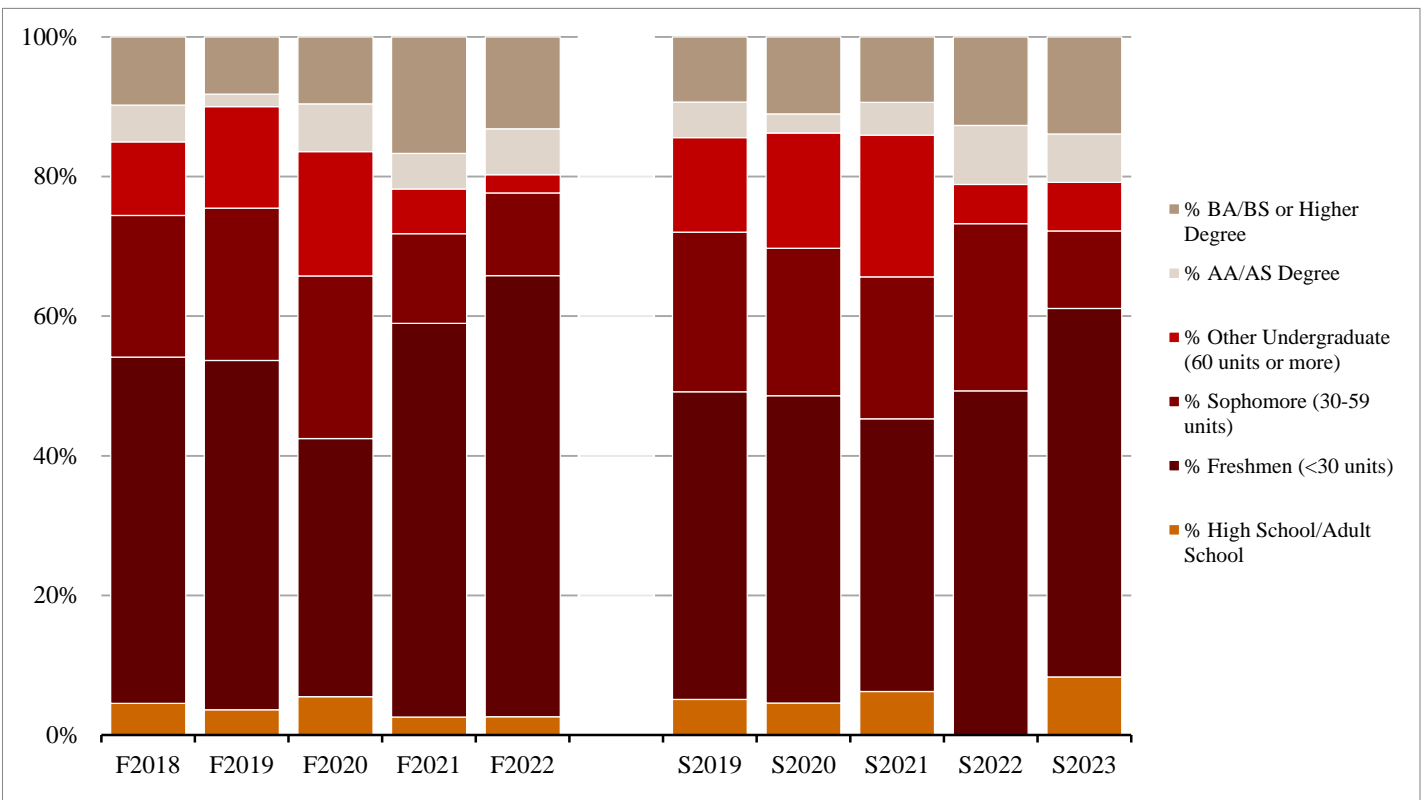


Definitions:

- 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.

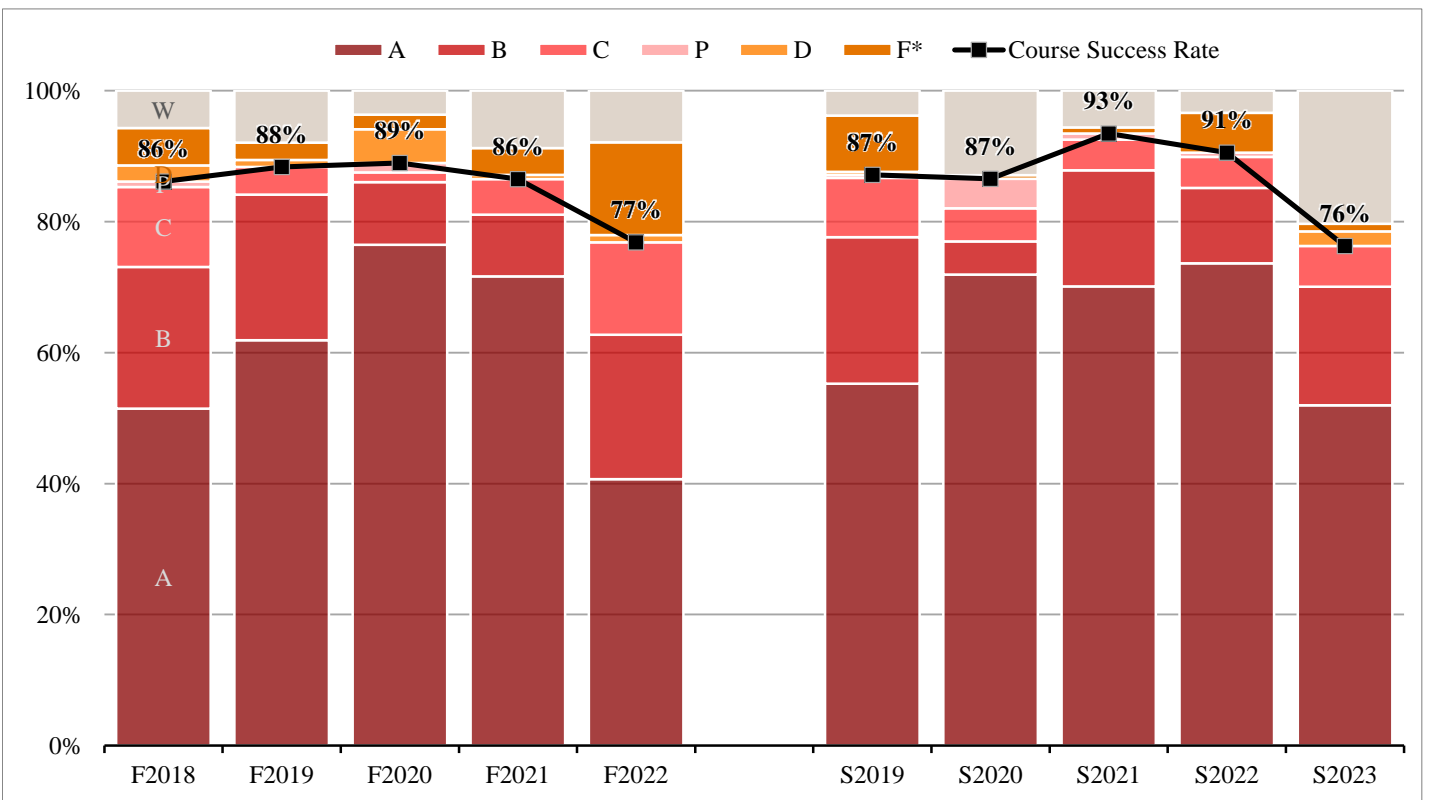
Highest Educational Level of Students

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
High School/Adult School	6	4	4	2	2	6	5	4	0	6
Freshmen (<30 units)	66	55	27	44	48	52	48	25	35	38
Sophomore (30-59 units)	27	24	17	10	9	27	23	13	17	8
Other Undergraduate (60 units or more)	14	16	13	5	2	16	18	13	4	5
AA/AS Degree	7	2	5	4	5	6	3	3	6	5
BA/BS or Higher Degree	13	9	7	13	10	11	12	6	9	10
% High School/Adult School	5%	4%	5%	3%	3%	5%	5%	6%	0%	8%
% Freshmen (<30 units)	50%	50%	37%	56%	63%	44%	44%	39%	49%	53%
% Sophomore (30-59 units)	20%	22%	23%	13%	12%	23%	21%	20%	24%	11%
% Other Undergraduate (60 units or more)	11%	15%	18%	6%	3%	14%	17%	20%	6%	7%
% AA/AS Degree	5%	2%	7%	5%	7%	5%	3%	5%	8%	7%
% BA/BS or Higher Degree	10%	8%	10%	17%	13%	9%	11%	9%	13%	14%



Student Performance: Grade Distribution

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Total Course Enrollments	246	189	136	148	177	213	178	107	148	177
Course Success Rates	86%	88%	89%	86%	77%	87%	87%	93%	91%	76%
A	51%	62%	76%	72%	41%	55%	72%	70%	74%	52%
B	22%	22%	10%	9%	22%	22%	5%	18%	11%	18%
C	12%	4%	1%	5%	14%	9%	5%	5%	5%	6%
P	1%	0%	1%	0%	0%	<1%	4%	1%	1%	0%
Course Non-Success Rate	8%	4%	7%	5%	15%	9%	1%	1%	6%	3%
D	2%	1%	5%	1%	1%	<1%	0%	0%	0%	2%
F*	6%	3%	2%	4%	14%	9%	1%	1%	6%	1%
Withdrawals (See Note)	6%	8%	4%	9%	8%	4%	13%	6%	3%	20%



Definitions:

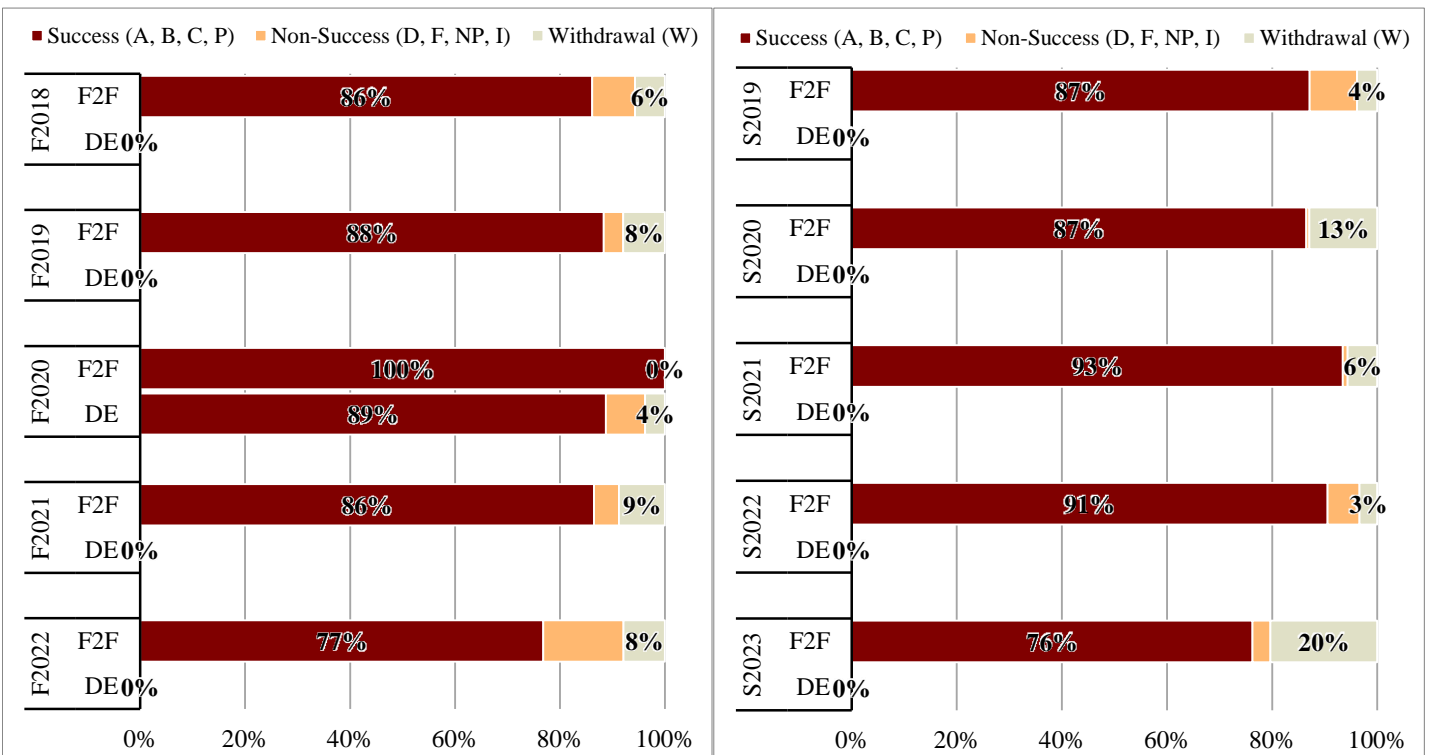
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

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)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
Total Course Enrollments	246	189	136	148	177	213	178	107	148	177
Face-to-Face (F2F) Sections	246	189	3	148	177	213	178	107	148	177
Success Rates	86%	88%	100%	86%	77%	87%	87%	93%	91%	76%
Non-Success Rates	8%	4%	0%	5%	15%	9%	1%	1%	6%	3%
Withdrawals	6%	8%	0%	9%	8%	4%	13%	6%	3%	20%
Distance Education (DE) Sections	0	0	133	0	0	—	—	—	—	—
Success Rates	—	—	89%	—	—	—	—	—	—	—
Non-Success Rates	—	—	8%	—	—	—	—	—	—	—
Withdrawals	—	—	4%	—	—	—	—	—	—	—



Definitions:

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

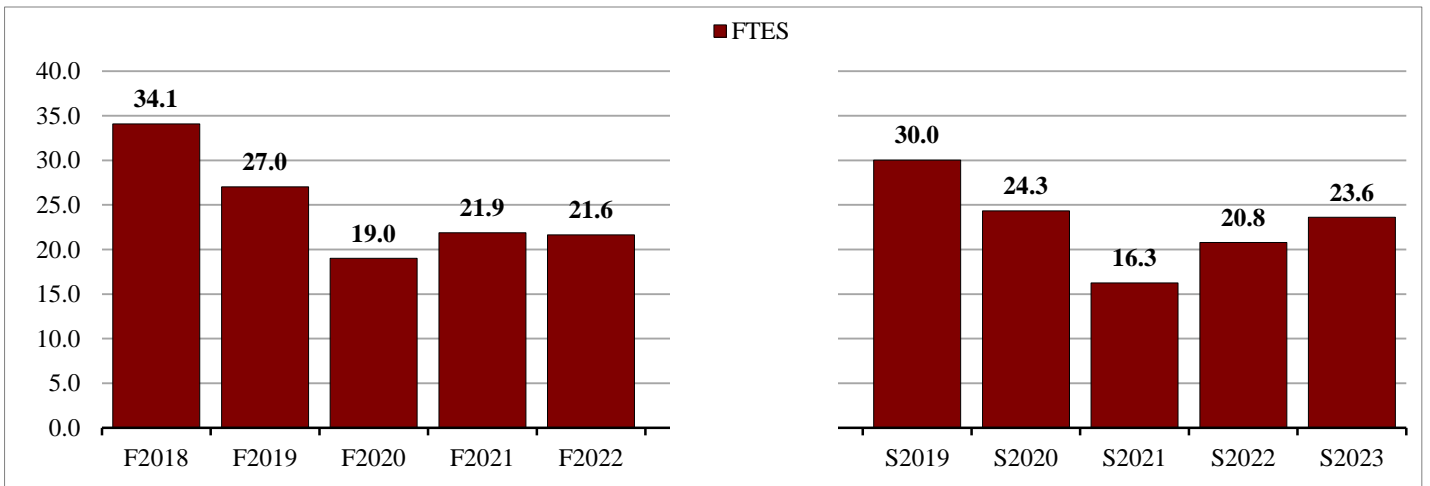
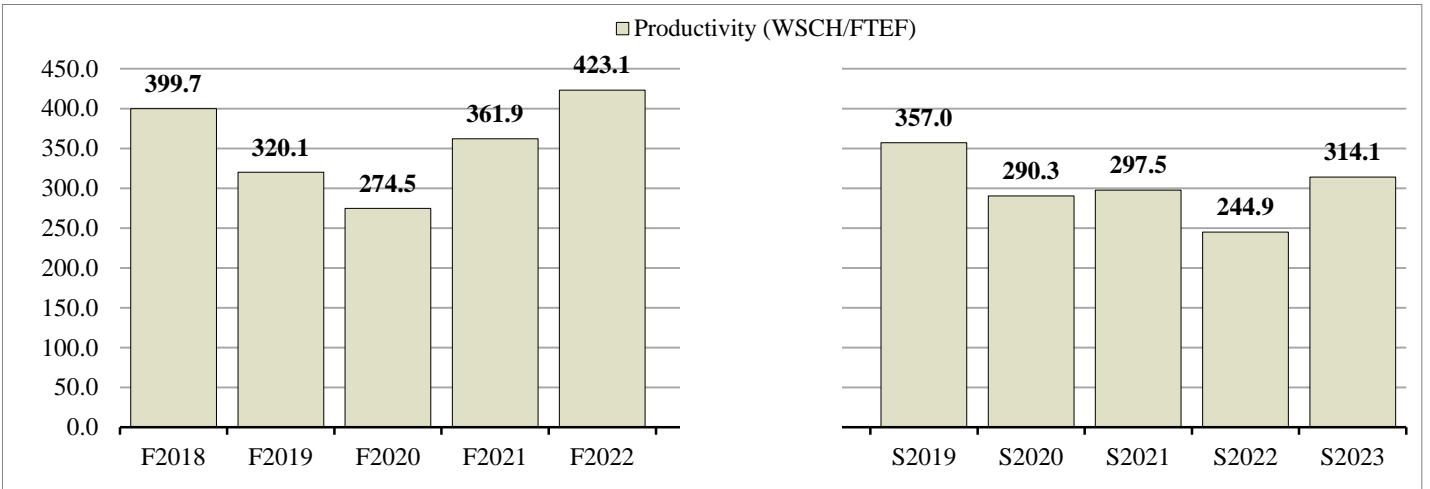
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

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 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)										
	Fall Terms					Spring Terms				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
WSCH	1,034	830	577	658	649	911	751	501	625	707
FTES	34.1	27.0	19.0	21.9	21.6	30.0	24.3	16.3	20.8	23.6
FTEF	2.6	2.6	2.1	1.8	1.5	2.6	2.6	1.7	2.6	2.3
Productivity (WSCH/FTEF)	399.7	320.1	274.5	361.9	423.1	357.0	290.3	297.5	244.9	314.1



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.

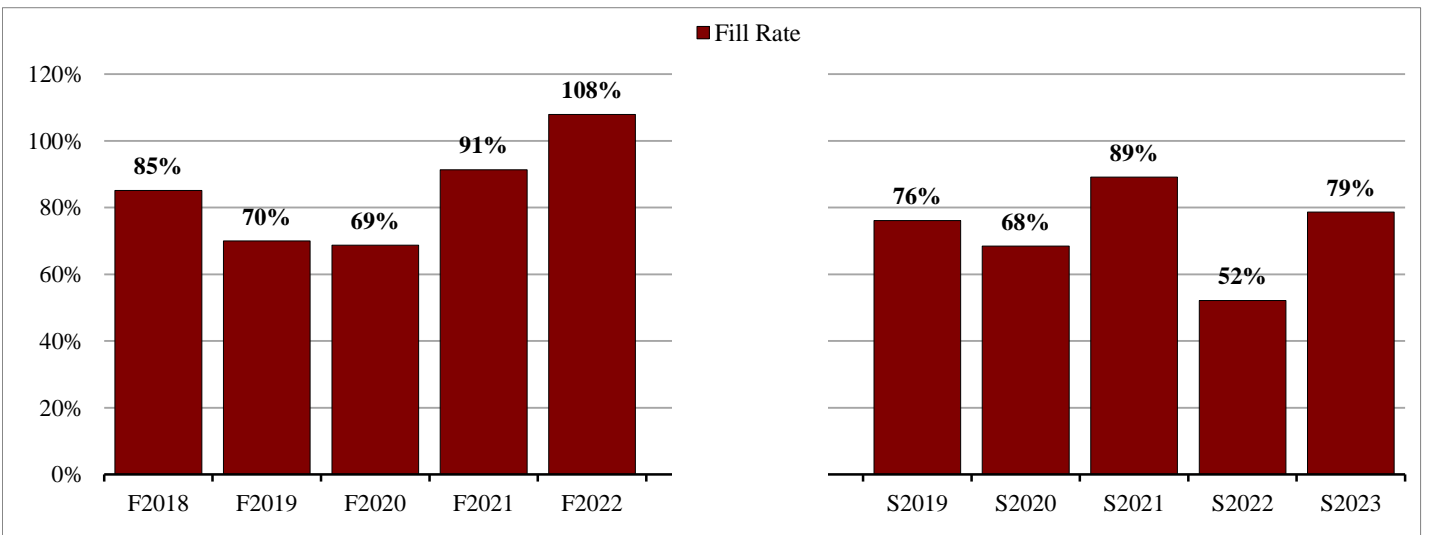
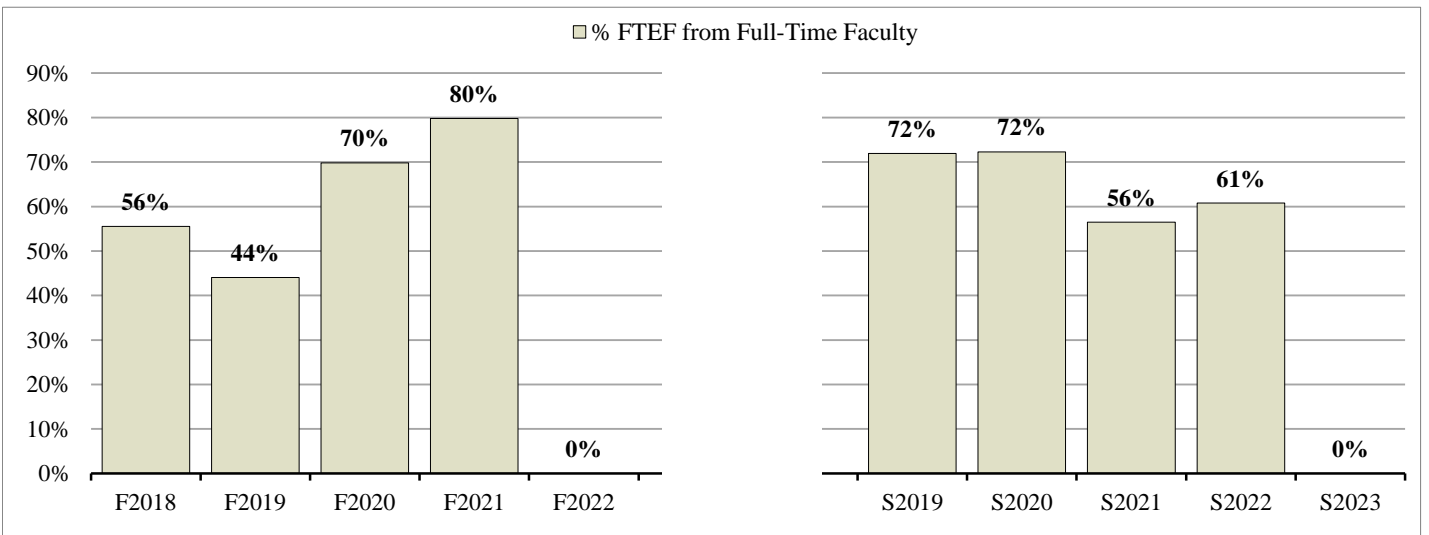
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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				
	F2018	F2019	F2020	F2021	F2022	S2019	S2020	S2021	S2022	S2023
FTEF from Full-Time Faculty	1.4	1.1	1.5	1.5	0.0	1.8	1.9	1.0	1.6	0.0
% FTEF from Full-Time Faculty	56%	44%	70%	80%	0%	72%	72%	56%	61%	0%
Enrollments	246	189	136	148	177	213	178	107	148	177
Capacity (seats available)	289	270	198	162	164	280	260	120	284	225
Fill Rate	85%	70%	69%	91%	108%	76%	68%	89%	52%	79%



Definitions:

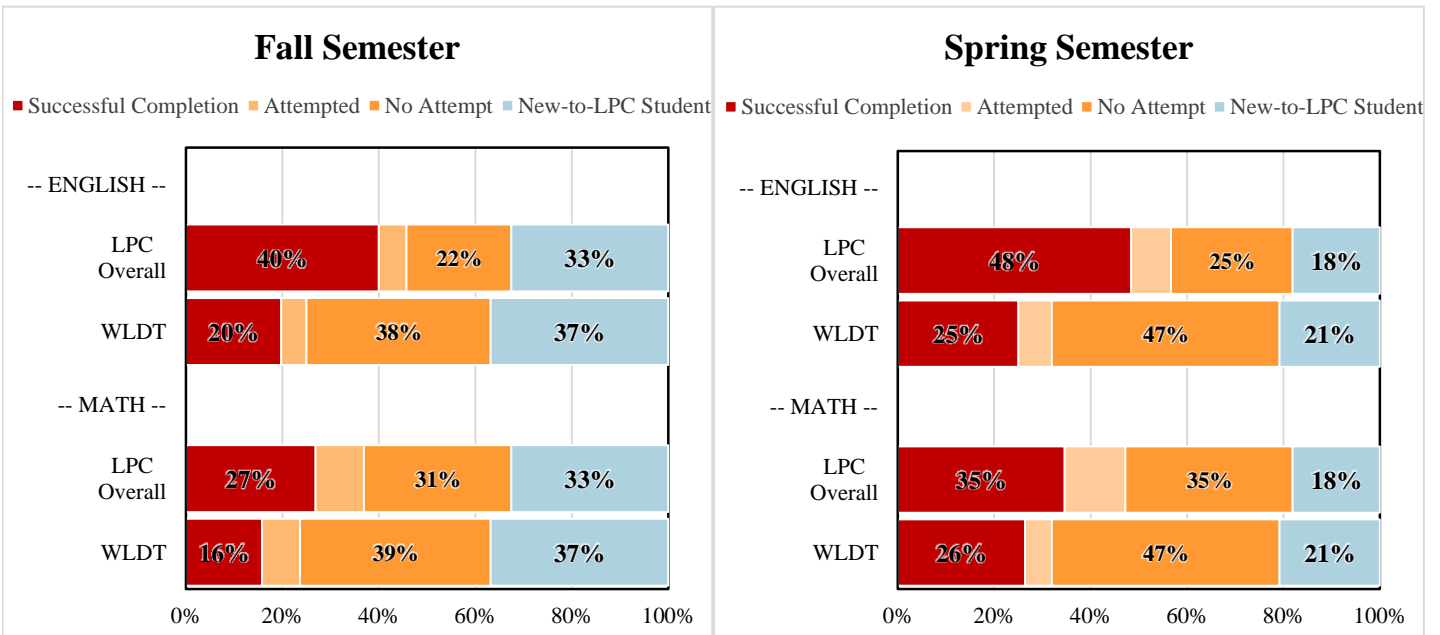
Fill Rate is number of enrollments over the total capacity (seats available).

% 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

<i>(English and math status prior to the start of the term)</i>	Fall 2022				Spring 2023			
	WLDT		LPC Overall		WLDT		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
Transfer-level English								
Successful Completion*	15	20%	2,729	40%	18	25%	3,203	48%
Attempted (<i>not successful</i>)	4	5%	391	6%	5	7%	546	8%
No Attempt	29	38%	1,484	22%	34	47%	1,672	25%
New-to-LPC Student	28	37%	2,221	33%	15	21%	1,197	18%
Transfer-level Math								
Successful Completion*	12	16%	1,835	27%	19	26%	2,288	35%
Attempted (<i>not successful</i>)	6	8%	683	10%	4	6%	837	13%
No Attempt	30	39%	2,086	31%	34	47%	2,296	35%
New-to-LPC Student	28	37%	2,221	33%	15	21%	1,197	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 LPC Student** = enrollments from 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** = enrollments from students with no for credit enrollments within our district prior to the current term.