



Las Positas College
Discipline Program Review Data Packet
Fall 2019 to Spring 2024

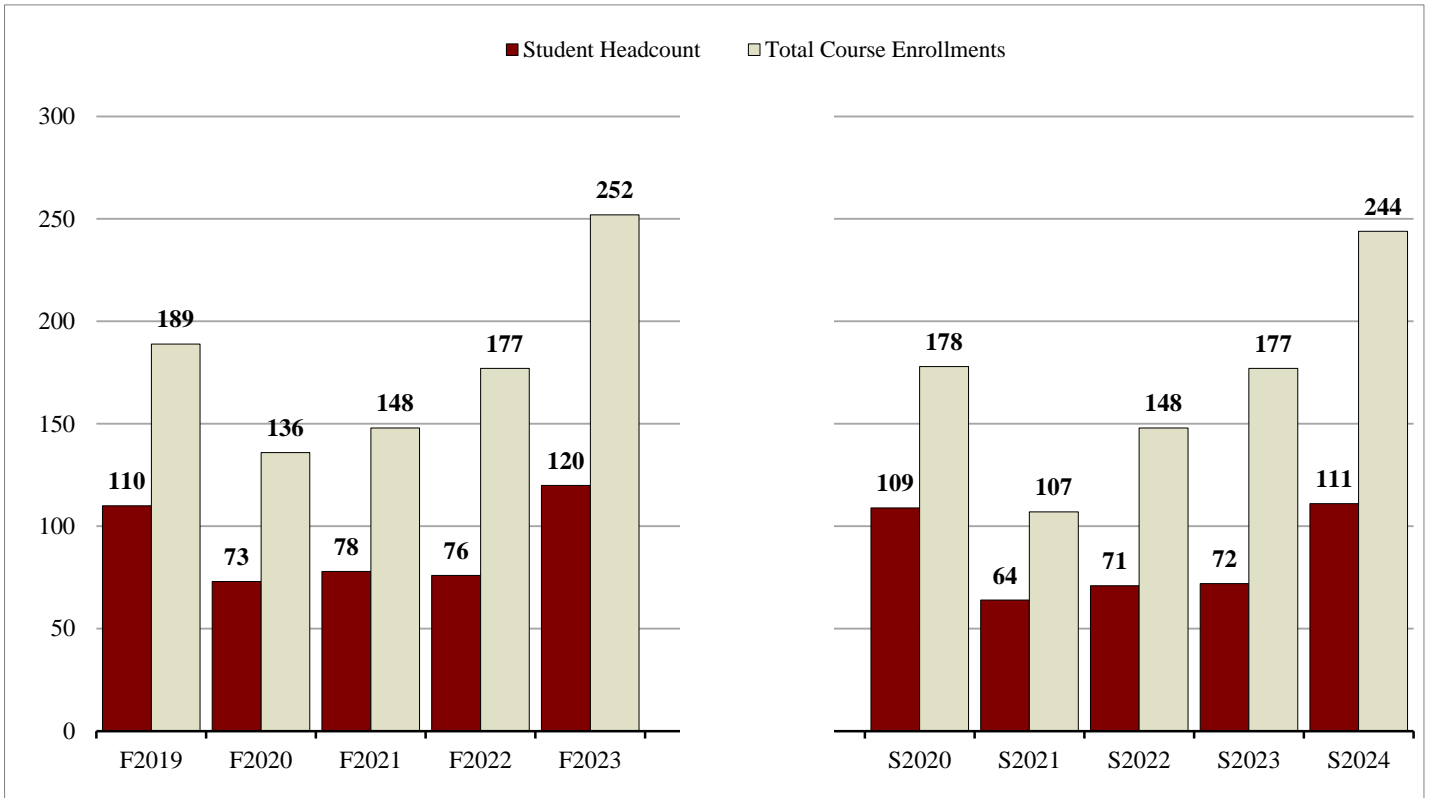
Discipline:

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				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Student Headcount	110	73	78	76	120	109	64	71	72	111
Total Course Enrollments	189	136	148	177	252	178	107	148	177	244



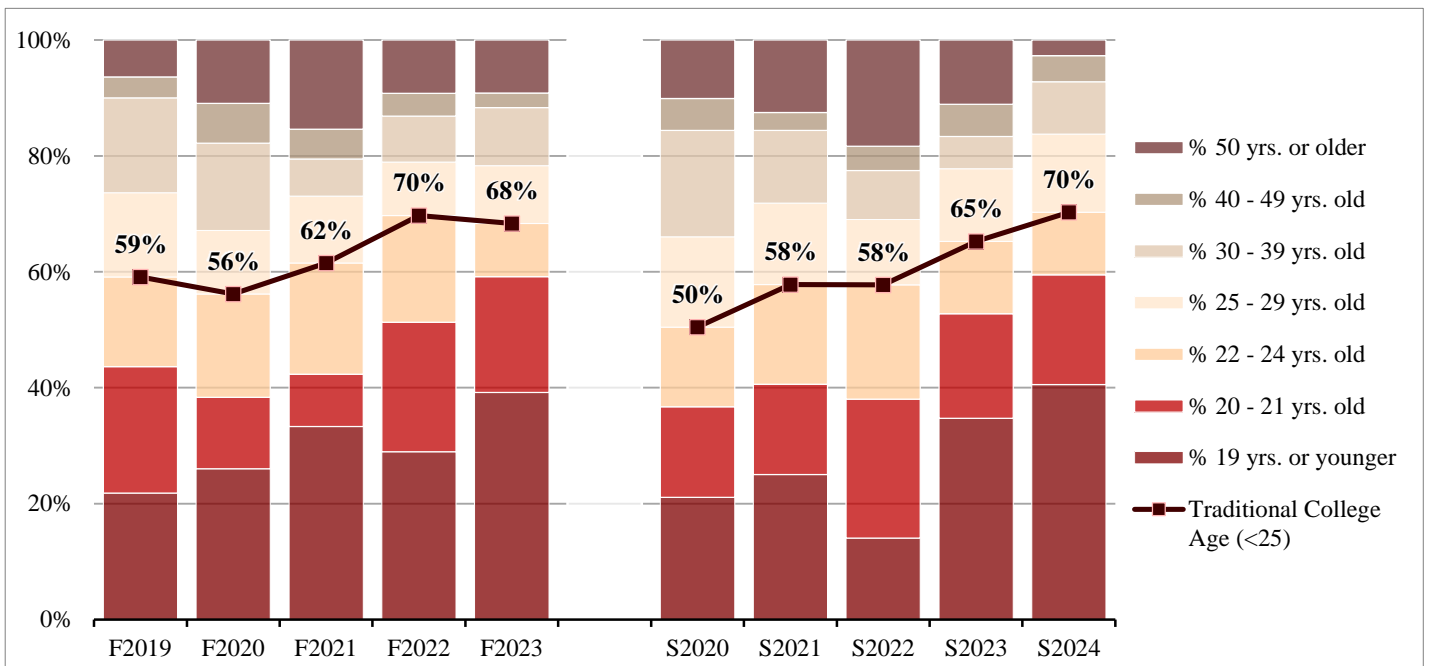
Definitions:

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.

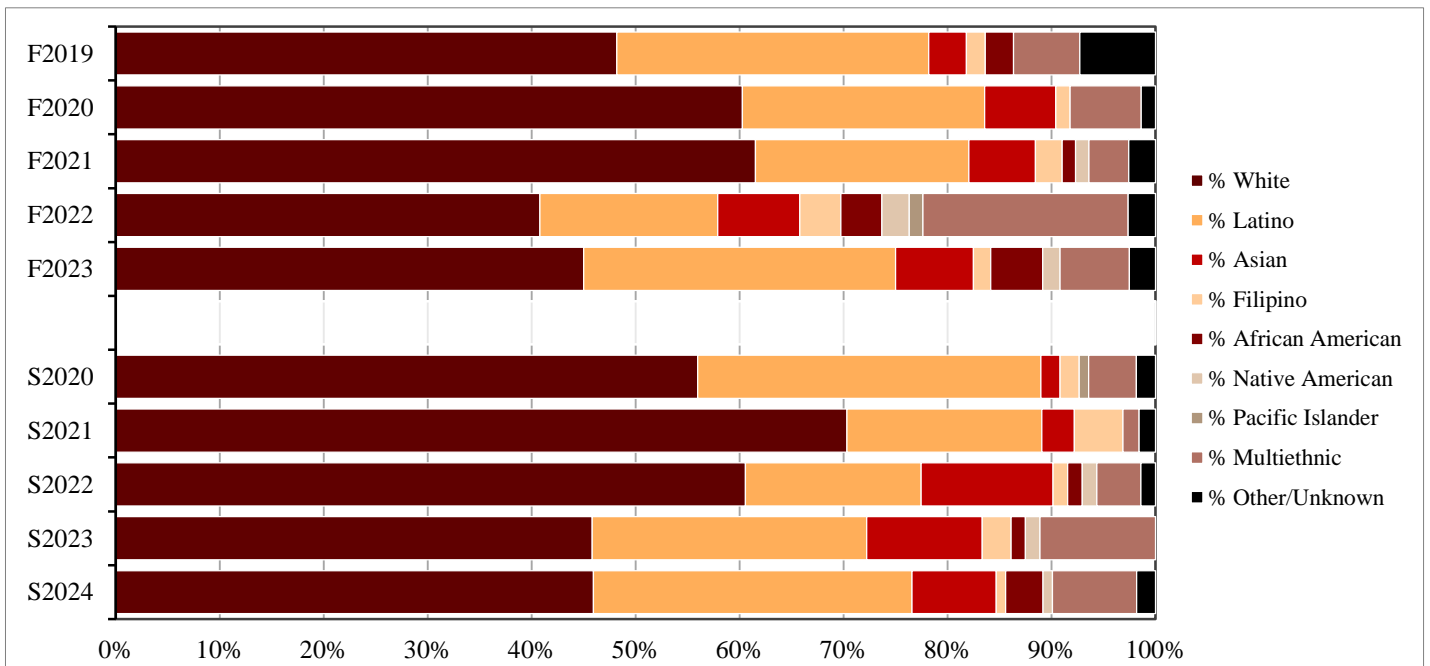
Student Demographics: Gender & Age

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Female	8	5	6	5	2	8	12	6	4	7
Male	99	68	70	68	110	98	51	62	64	97
19 yrs. or younger	24	19	26	22	47	23	16	10	25	45
20-21 yrs. old	24	9	7	17	24	17	10	17	13	21
22-24 yrs. old	17	13	15	14	11	15	11	14	9	12
25-29 yrs. old	16	8	9	7	12	17	9	8	9	15
30-39 yrs. old	18	11	5	6	12	20	8	6	4	10
40-49 yrs. old	4	5	4	3	3	6	2	3	4	5
50 yrs. or older	7	8	12	7	11	11	8	13	8	3
% Female	7%	7%	8%	7%	2%	8%	19%	9%	6%	7%
% Male	93%	93%	92%	93%	98%	92%	81%	91%	94%	93%
% 19 yrs. or younger	22%	26%	33%	29%	39%	21%	25%	14%	35%	41%
% 20 - 21 yrs. old	22%	12%	9%	22%	20%	16%	16%	24%	18%	19%
% 22 - 24 yrs. old	15%	18%	19%	18%	9%	14%	17%	20%	13%	11%
% 25 - 29 yrs. old	15%	11%	12%	9%	10%	16%	14%	11%	13%	14%
% 30 - 39 yrs. old	16%	15%	6%	8%	10%	18%	13%	8%	6%	9%
% 40 - 49 yrs. old	4%	7%	5%	4%	3%	6%	3%	4%	6%	5%
% 50 yrs. or older	6%	11%	15%	9%	9%	10%	13%	18%	11%	3%



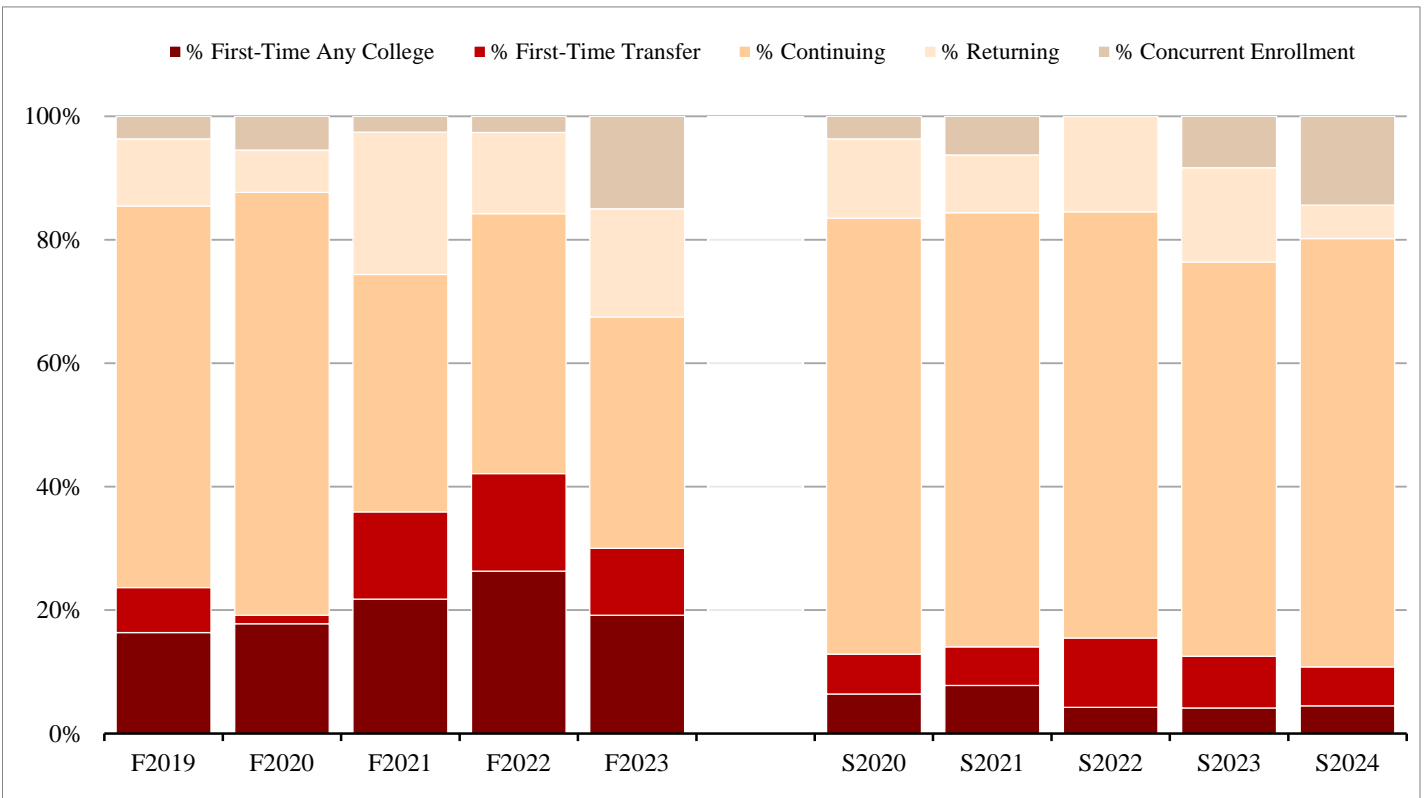
Student Demographic: Race-Ethnicity

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
African American	3	0	1	3	6	0	0	1	1	4
Asian	4	5	5	6	9	2	2	9	8	9
Filipino	2	1	2	3	2	2	3	1	2	1
Latino	33	17	16	13	36	36	12	12	19	34
Native American	0	0	1	2	2	0	0	1	1	1
Pacific Islander	0	0	0	1	0	1	0	0	0	0
White	53	44	48	31	54	61	45	43	33	51
Multiethnic	7	5	3	15	8	5	1	3	8	9
Other/Unknown	8	1	2	2	3	2	1	1	0	2
% African American	3%	0%	1%	4%	5%	0%	0%	1%	1%	4%
% Asian	4%	7%	6%	8%	8%	2%	3%	13%	11%	8%
% Filipino	2%	1%	3%	4%	2%	2%	5%	1%	3%	1%
% Latino	30%	23%	21%	17%	30%	33%	19%	17%	26%	31%
% Native American	0%	0%	1%	3%	2%	0%	0%	1%	1%	1%
% Pacific Islander	0%	0%	0%	1%	0%	1%	0%	0%	0%	0%
% White	48%	60%	62%	41%	45%	56%	70%	61%	46%	46%
% Multiethnic	6%	7%	4%	20%	7%	5%	2%	4%	11%	8%
% Other/Unknown	7%	1%	3%	3%	3%	2%	2%	1%	0%	2%



Student Enrollment Status

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
First-Time Any College	18	13	17	20	23	7	5	3	3	5
First-Time Transfer	8	1	11	12	13	7	4	8	6	7
Continuing	68	50	30	32	45	77	45	49	46	77
Returning	12	5	18	10	21	14	6	11	11	6
Concurrent Enrollment	4	4	2	2	18	4	4	0	6	16
% First-Time Any College	16%	18%	22%	26%	19%	6%	8%	4%	4%	5%
% First-Time Transfer	7%	1%	14%	16%	11%	6%	6%	11%	8%	6%
% Continuing	62%	68%	38%	42%	38%	71%	70%	69%	64%	69%
% Returning	11%	7%	23%	13%	18%	13%	9%	15%	15%	5%
% Concurrent Enrollment	4%	5%	3%	3%	15%	4%	6%	0%	8%	14%



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.

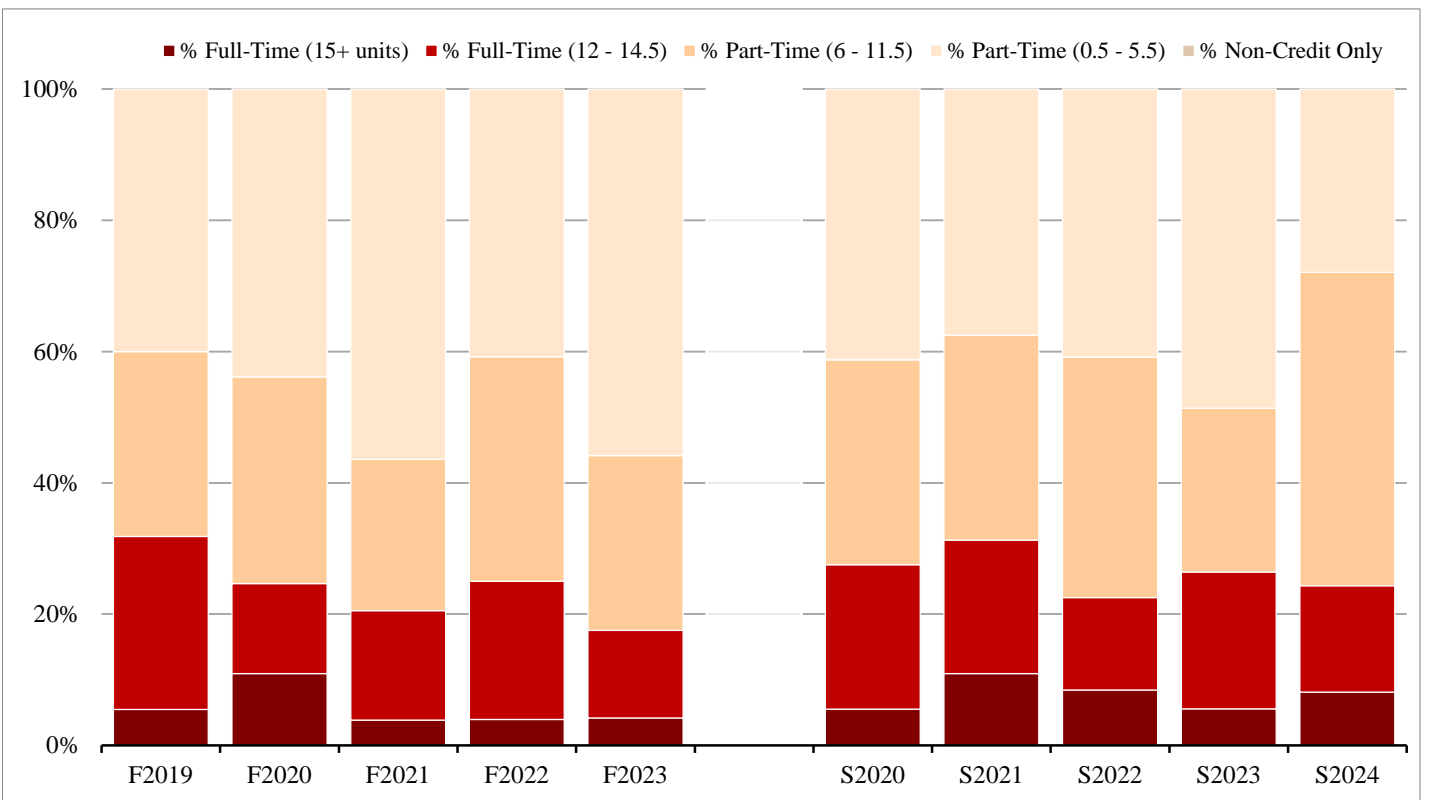
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

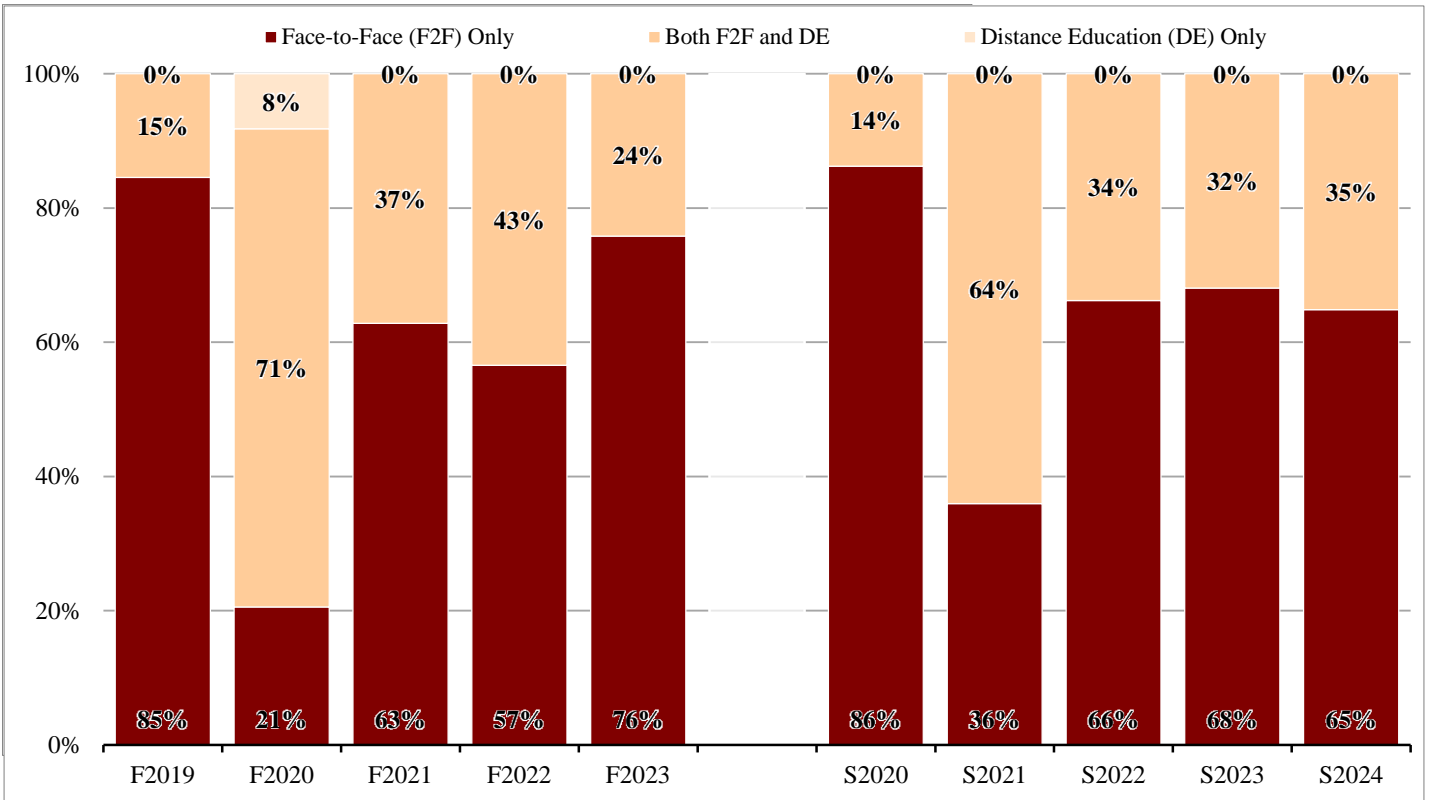
Student Unit Load

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Full-Time (15+ units)	6	8	3	3	5	6	7	6	4	9
Full-Time (12 - 14.5 units)	29	10	13	16	16	24	13	10	15	18
Part-Time (6 - 11.5 units)	31	23	18	26	32	34	20	26	18	53
Part-Time (0.5 - 5.5 units)	44	32	44	31	67	45	24	29	35	31
Non-Credit Only	0	0	0	0	0	0	0	0	0	0
% Full-Time (15+ units)	5%	11%	4%	4%	4%	6%	11%	8%	6%	8%
% Full-Time (12 - 14.5)	26%	14%	17%	21%	13%	22%	20%	14%	21%	16%
% Part-Time (6 - 11.5)	28%	32%	23%	34%	27%	31%	31%	37%	25%	48%
% Part-Time (0.5 - 5.5)	40%	44%	56%	41%	56%	41%	38%	41%	49%	28%
% Non-Credit Only	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%



Students Using Distance Education

Welding Technology (WLDT)										
(Categories reflect college-wide coursework)	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Face-to-Face (F2F) Only	93	15	49	43	91	94	23	47	49	72
Both F2F and DE	17	52	29	33	29	15	41	24	23	39
Distance Education (DE) Only	0	6	0	0	0	0	0	0	0	0
% Face-to-Face (F2F) Only	85%	21%	63%	57%	76%	86%	36%	66%	68%	65%
% Both F2F and DE	15%	71%	37%	43%	24%	14%	64%	34%	32%	35%
% Distance Education (DE) Only	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%



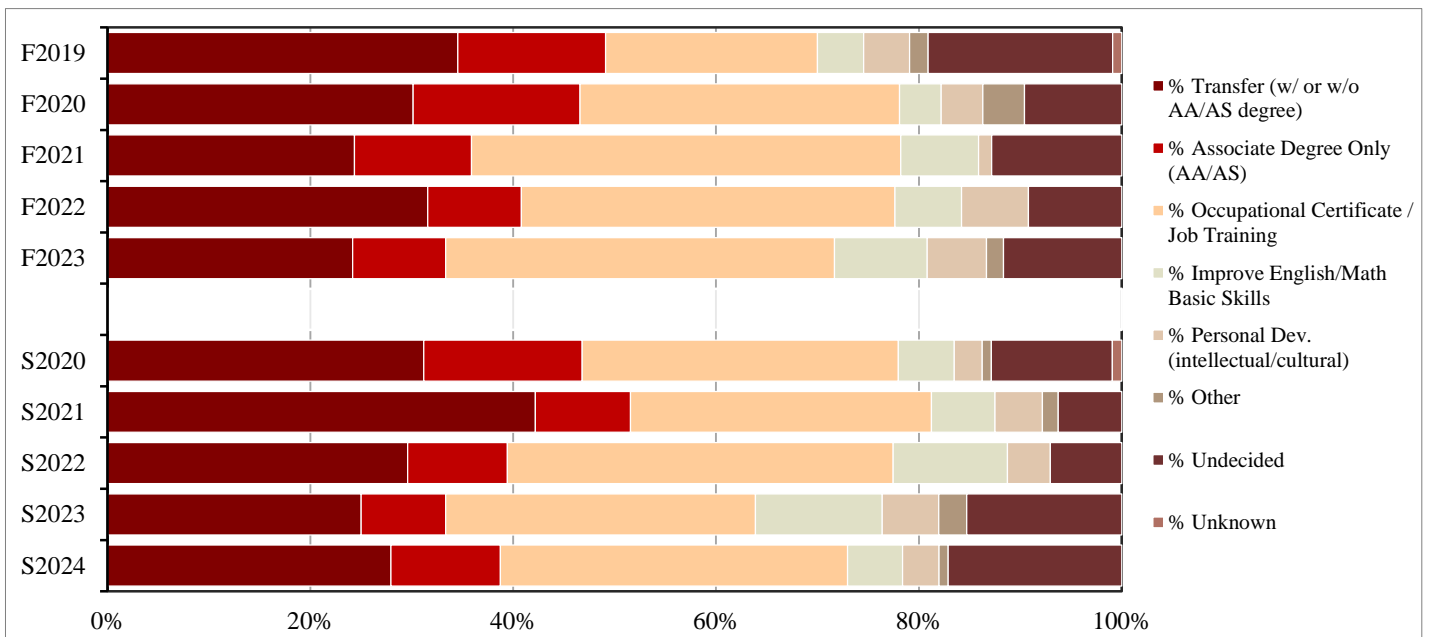
Definitions:

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				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Transfer (w/ or w/o AA/AS degree)	38	22	19	24	29	34	27	21	18	31
Associate Degree Only (AA/AS)	16	12	9	7	11	17	6	7	6	12
Occupational Certificate / Job Training	23	23	33	28	46	34	19	27	22	38
Improve English/Math Basic Skills	5	3	6	5	11	6	4	8	9	6
Personal Development (intellectual/cultural)	5	3	1	5	7	3	3	3	4	4
Other	2	3	0	0	2	1	1	0	2	1
Undecided	20	7	10	7	14	13	4	5	11	19
Unknown	1	0	0	0	0	1	0	0	0	0
% Transfer (w/ or w/o AA/AS degree)	35%	30%	24%	32%	24%	31%	42%	30%	25%	28%
% Associate Degree Only (AA/AS)	15%	16%	12%	9%	9%	16%	9%	10%	8%	11%
% Occupational Certificate / Job Training	21%	32%	42%	37%	38%	31%	30%	38%	31%	34%
% Improve English/Math Basic Skills	5%	4%	8%	7%	9%	6%	6%	11%	13%	5%
% Personal Dev. (intellectual/cultural)	5%	4%	1%	7%	6%	3%	5%	4%	6%	4%
% Other	2%	4%	0%	0%	2%	1%	2%	0%	3%	1%
% Undecided	18%	10%	13%	9%	12%	12%	6%	7%	15%	17%
% Unknown	1%	0%	0%	0%	0%	1%	0%	0%	0%	0%

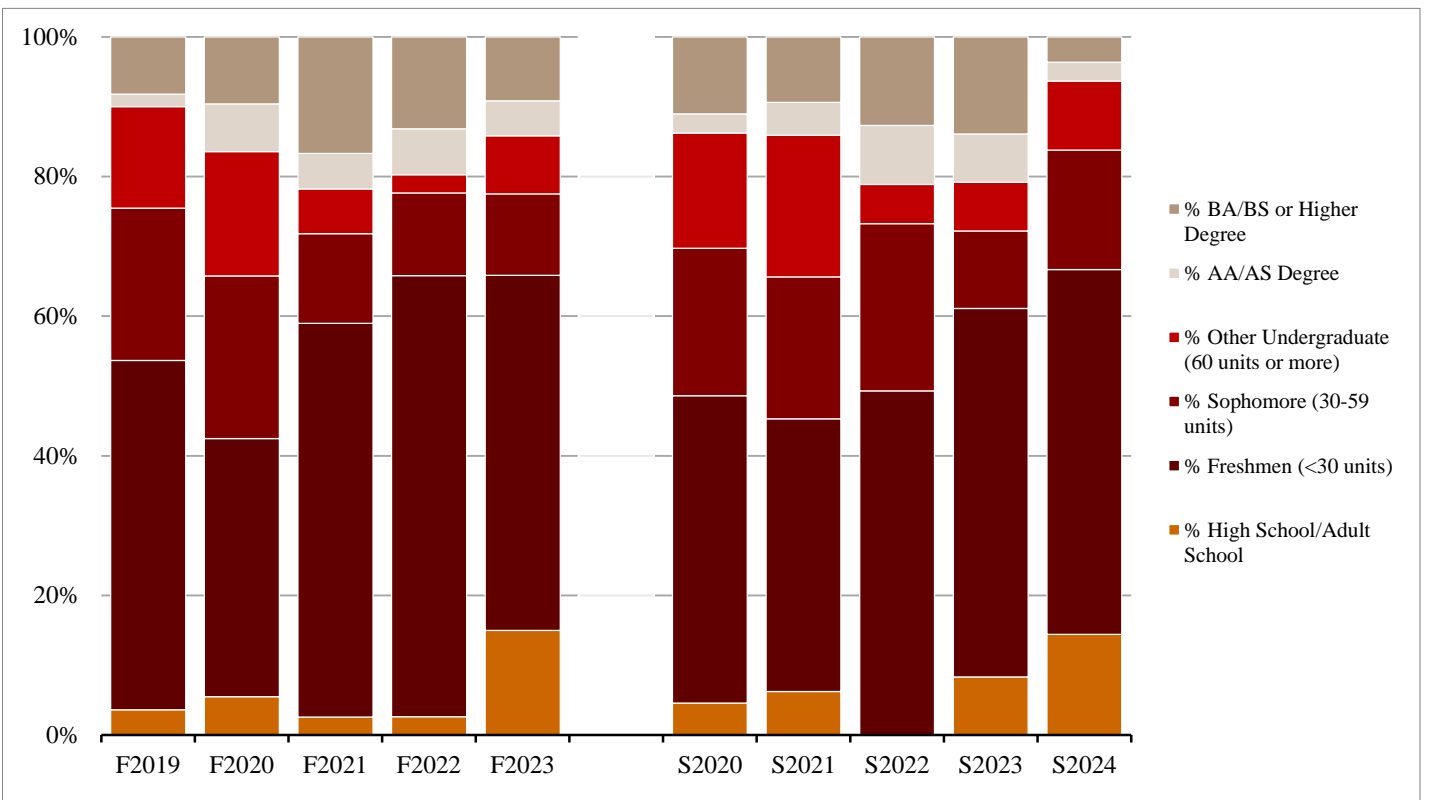


Definitions:

- 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.

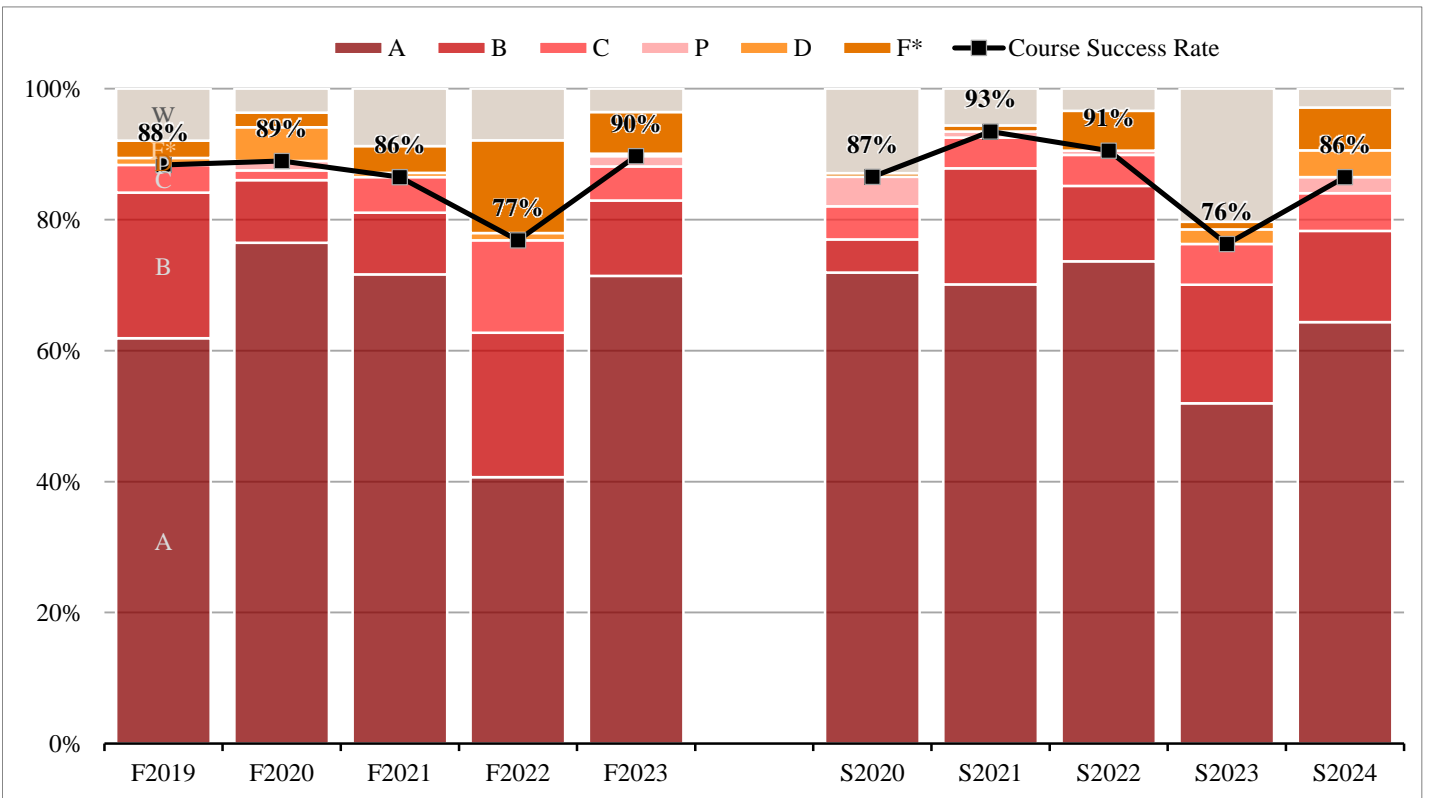
Highest Educational Level of Students

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
High School/Adult School	4	4	2	2	18	5	4	0	6	16
Freshmen (<30 units)	55	27	44	48	61	48	25	35	38	58
Sophomore (30-59 units)	24	17	10	9	14	23	13	17	8	19
Other Undergraduate (60 units or more)	16	13	5	2	10	18	13	4	5	11
AA/AS Degree	2	5	4	5	6	3	3	6	5	3
BA/BS or Higher Degree	9	7	13	10	11	12	6	9	10	4
% High School/Adult School	4%	5%	3%	3%	15%	5%	6%	0%	8%	14%
% Freshmen (<30 units)	50%	37%	56%	63%	51%	44%	39%	49%	53%	52%
% Sophomore (30-59 units)	22%	23%	13%	12%	12%	21%	20%	24%	11%	17%
% Other Undergraduate (60 units or more)	15%	18%	6%	3%	8%	17%	20%	6%	7%	10%
% AA/AS Degree	2%	7%	5%	7%	5%	3%	5%	8%	7%	3%
% BA/BS or Higher Degree	8%	10%	17%	13%	9%	11%	9%	13%	14%	4%



Student Performance: Grade Distribution

Welding Technology (WLDT)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Total Course Enrollments	189	136	148	177	252	178	107	148	177	244
Course Success Rates	88%	89%	86%	77%	90%	87%	93%	91%	76%	86%
A	62%	76%	72%	41%	71%	72%	70%	74%	52%	64%
B	22%	10%	9%	22%	12%	5%	18%	11%	18%	14%
C	4%	1%	5%	14%	5%	5%	5%	5%	6%	6%
P	0%	1%	0%	0%	2%	4%	1%	1%	0%	2%
Course Non-Success Rate	4%	7%	5%	15%	7%	1%	1%	6%	3%	11%
D	1%	5%	1%	1%	<1%	0%	0%	0%	2%	4%
F*	3%	2%	4%	14%	6%	1%	1%	6%	1%	7%
Withdrawals (See Note)	8%	4%	9%	8%	4%	13%	6%	3%	20%	3%



Definitions:

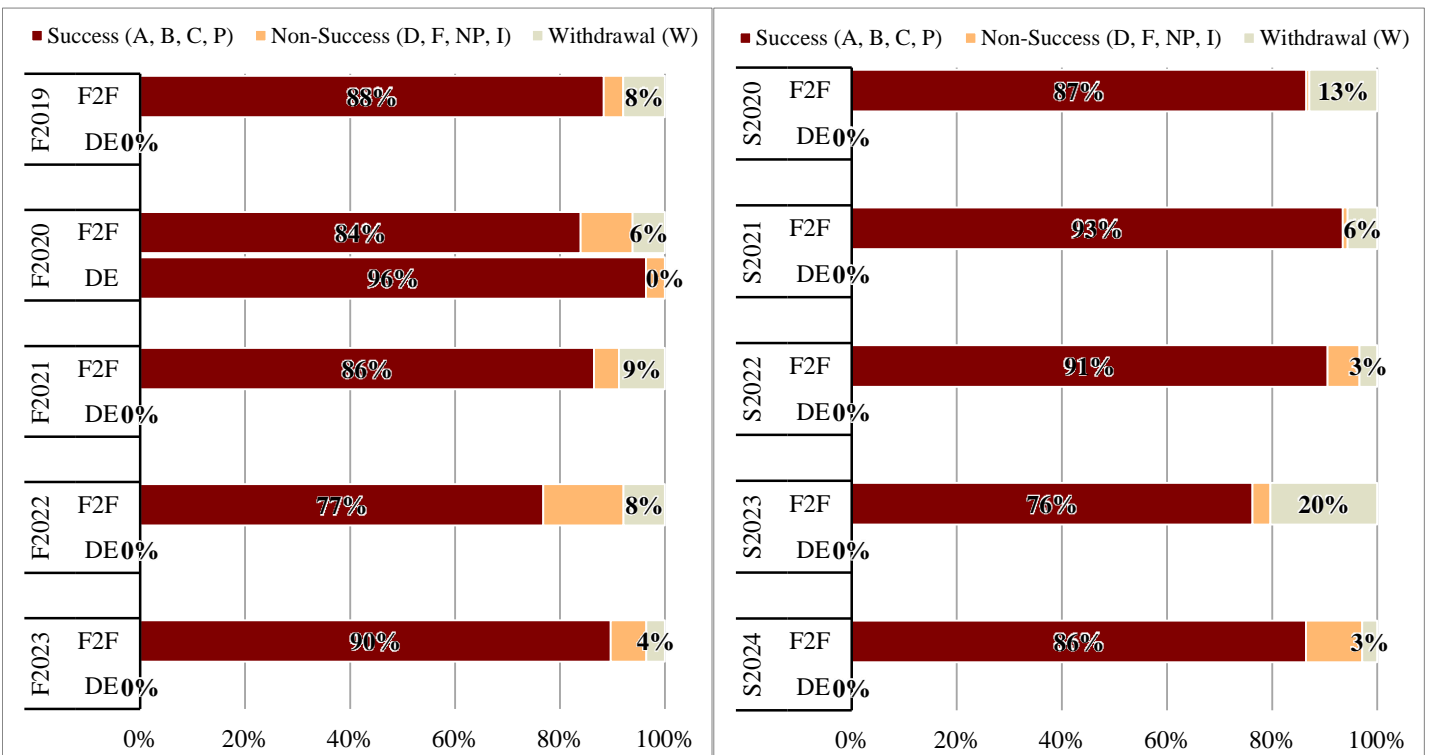
Course Success Rate: Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

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)										
	Fall Terms					Spring Terms				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
Total Course Enrollments	189	136	148	177	252	178	107	148	177	244
Face-to-Face (F2F) Sections	189	81	148	177	252	178	107	148	177	244
Success Rates	88%	84%	86%	77%	90%	87%	93%	91%	76%	86%
Non-Success Rates	4%	10%	5%	15%	7%	1%	1%	6%	3%	11%
Withdrawals	8%	6%	9%	8%	4%	13%	6%	3%	20%	3%
Distance Education (DE) Sections	0	55	0	0	0	0	0	0	0	0
Success Rates	—	96%	—	—	—	—	—	—	—	—
Non-Success Rates	—	4%	—	—	—	—	—	—	—	—
Withdrawals	—	0%	—	—	—	—	—	—	—	—



Definitions:

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

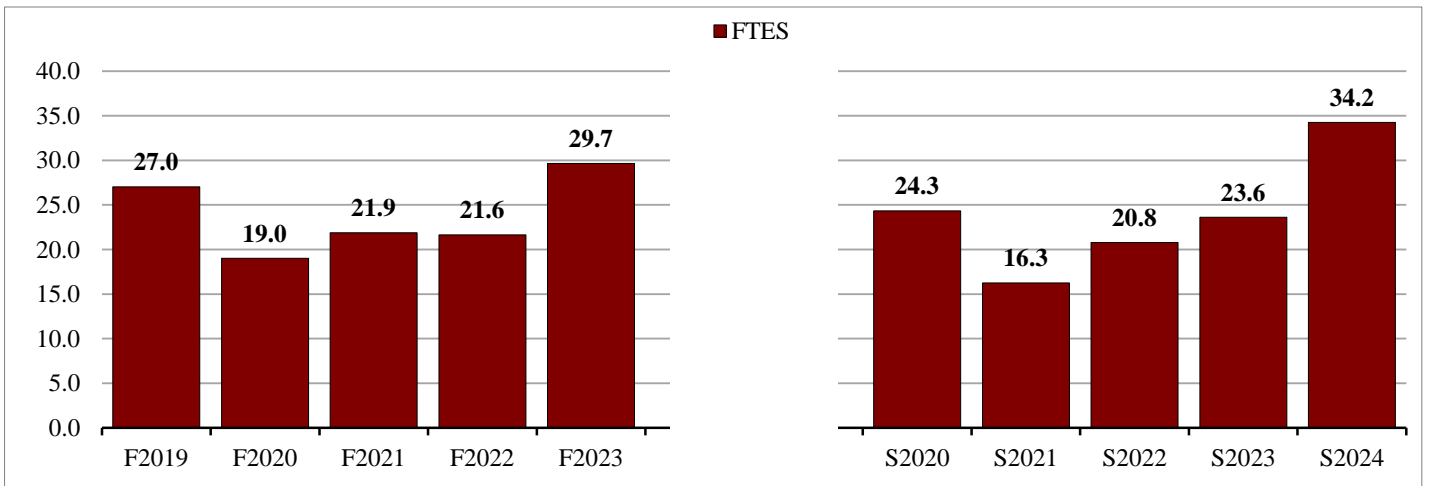
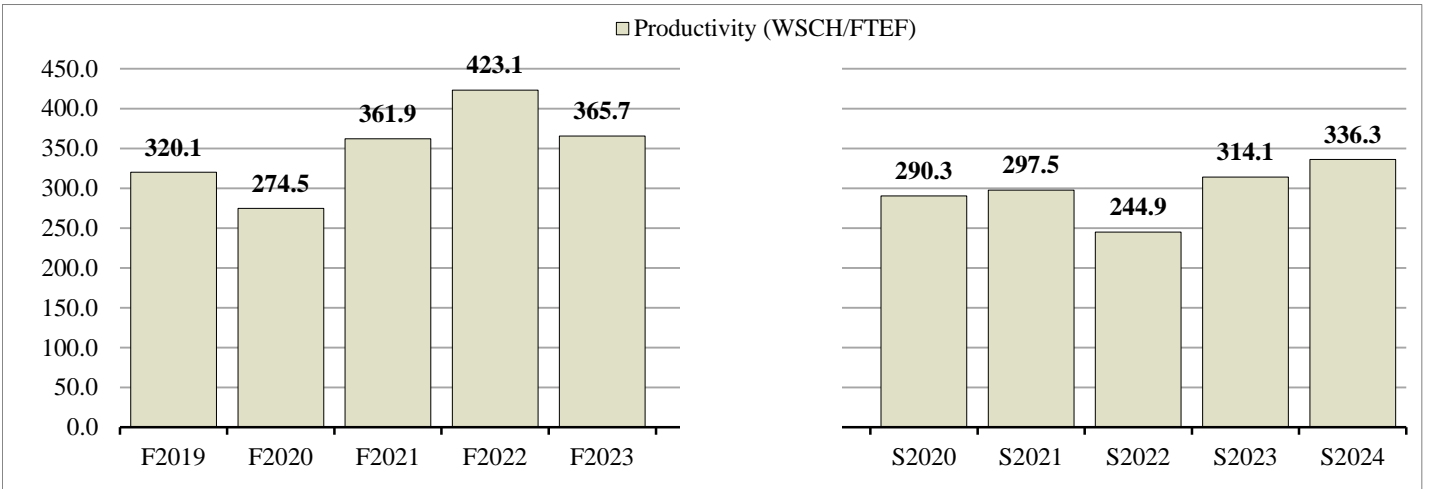
Course Non-Success Rate: Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

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				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
WSCH	830	577	658	649	890	751	501	625	707	1,029
FTES	27.0	19.0	21.9	21.6	29.7	24.3	16.3	20.8	23.6	34.2
FTEF	2.6	2.1	1.8	1.5	2.4	2.6	1.7	2.6	2.3	3.1
Productivity (WSCH/FTEF)	320.1	274.5	361.9	423.1	365.7	290.3	297.5	244.9	314.1	336.3



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.

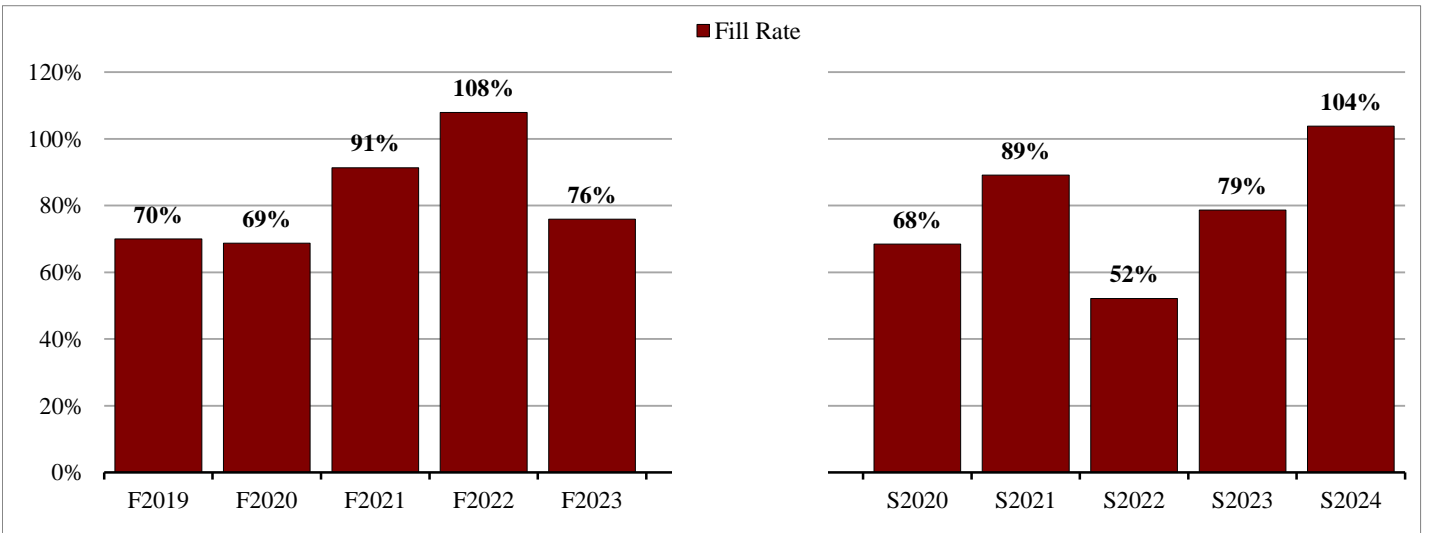
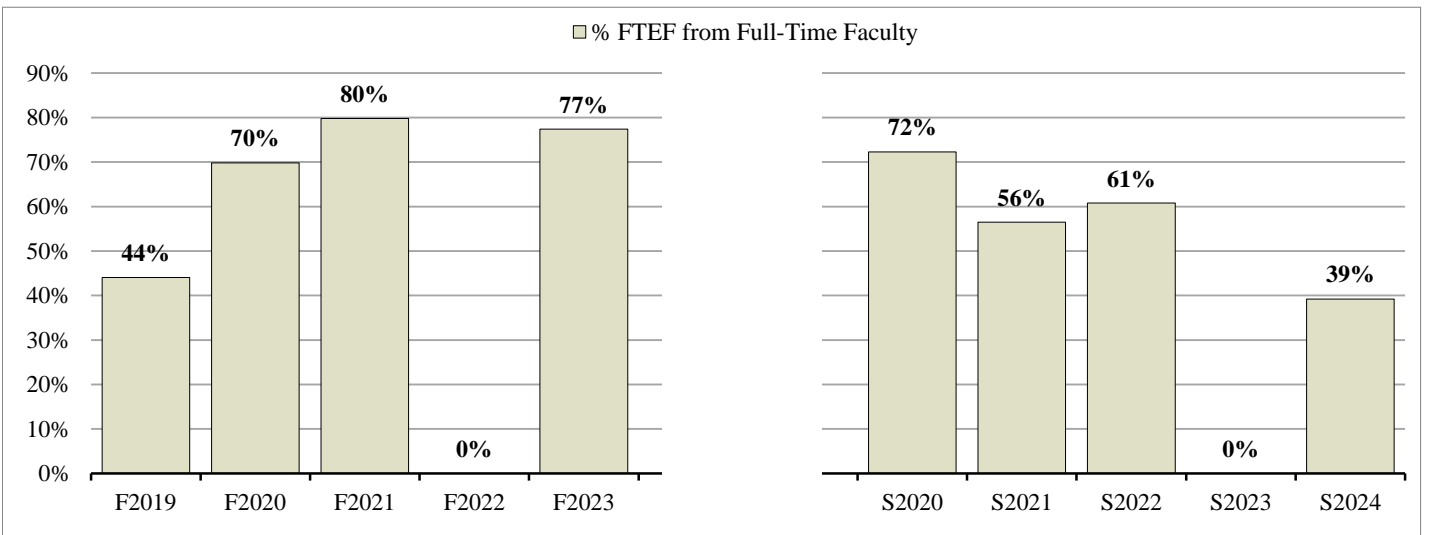
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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				
	F2019	F2020	F2021	F2022	F2023	S2020	S2021	S2022	S2023	S2024
FTEF from Full-Time Faculty	1.1	1.5	1.5	0.0	1.9	1.9	1.0	1.6	0.0	1.2
% FTEF from Full-Time Faculty	44%	70%	80%	0%	77%	72%	56%	61%	0%	39%
Enrollments	189	136	148	177	252	178	107	148	177	244
Capacity (seats available)	270	198	162	164	332	260	120	284	225	235
Fill Rate	70%	69%	91%	108%	76%	68%	89%	52%	79%	104%



Definitions:

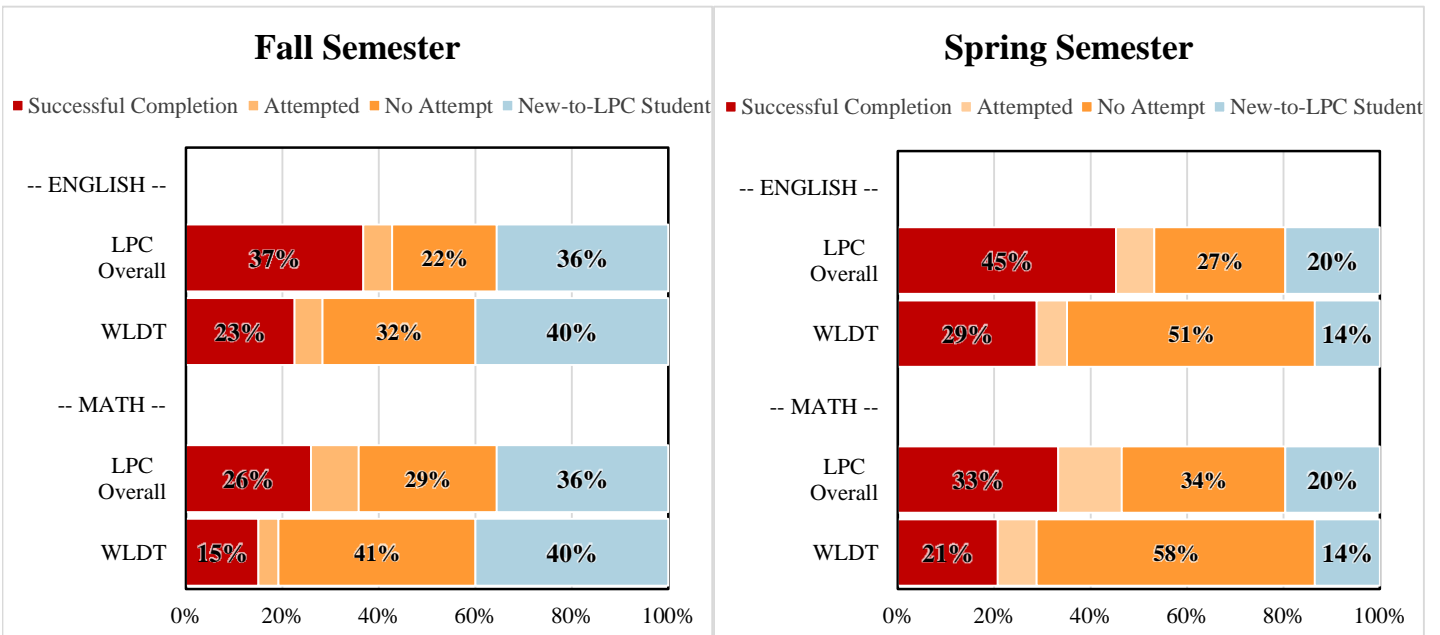
Fill Rate is number of enrollments over the total capacity (seats available).

% 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 2023				Spring 2024			
	WLDT		LPC Overall		WLDT		LPC Overall	
	Num	Pct	Num	Pct	Num	Pct	Num	Pct
Transfer-level English								
Successful Completion*	27	23%	2,796	37%	32	29%	3,393	45%
Attempted (<i>not successful</i>)	7	6%	454	6%	7	6%	600	8%
No Attempt	38	32%	1,652	22%	57	51%	2,036	27%
New-to-LPC Student	48	40%	2,703	36%	15	14%	1,472	20%
Transfer-level Math								
Successful Completion*	18	15%	1,971	26%	23	21%	2,498	33%
Attempted (<i>not successful</i>)	5	4%	752	10%	9	8%	986	13%
No Attempt	49	41%	2,179	29%	64	58%	2,545	34%
New-to-LPC Student	48	40%	2,703	36%	15	14%	1,472	20%



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.