



Las Positas College  
**Discipline Program Review Data Packet**  
Fall 2017 to Fall 2021

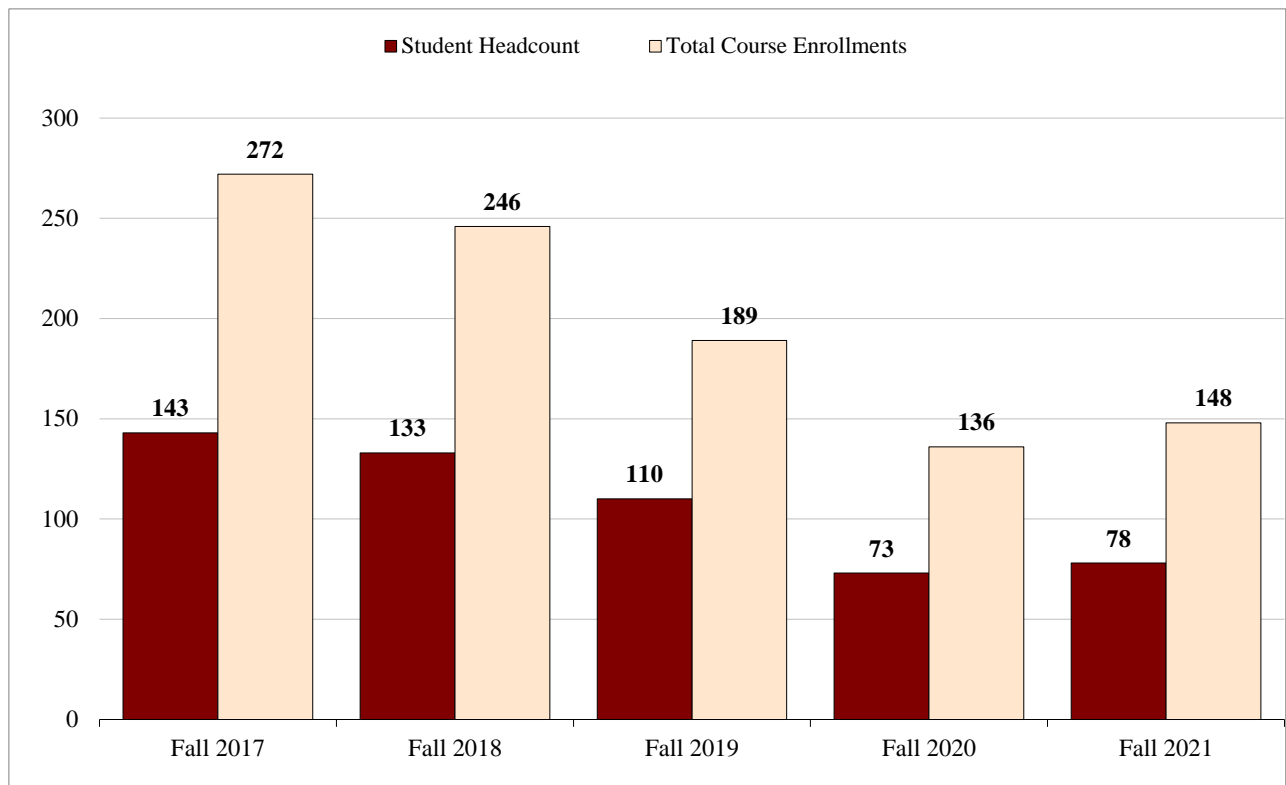
Discipline:

**Welding Technology (WLDT)**

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## Headcount & Enrollment

Welding Technology ( WLDT )					
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Student Headcount	143	133	110	73	78
Total Course Enrollments	272	246	189	136	148



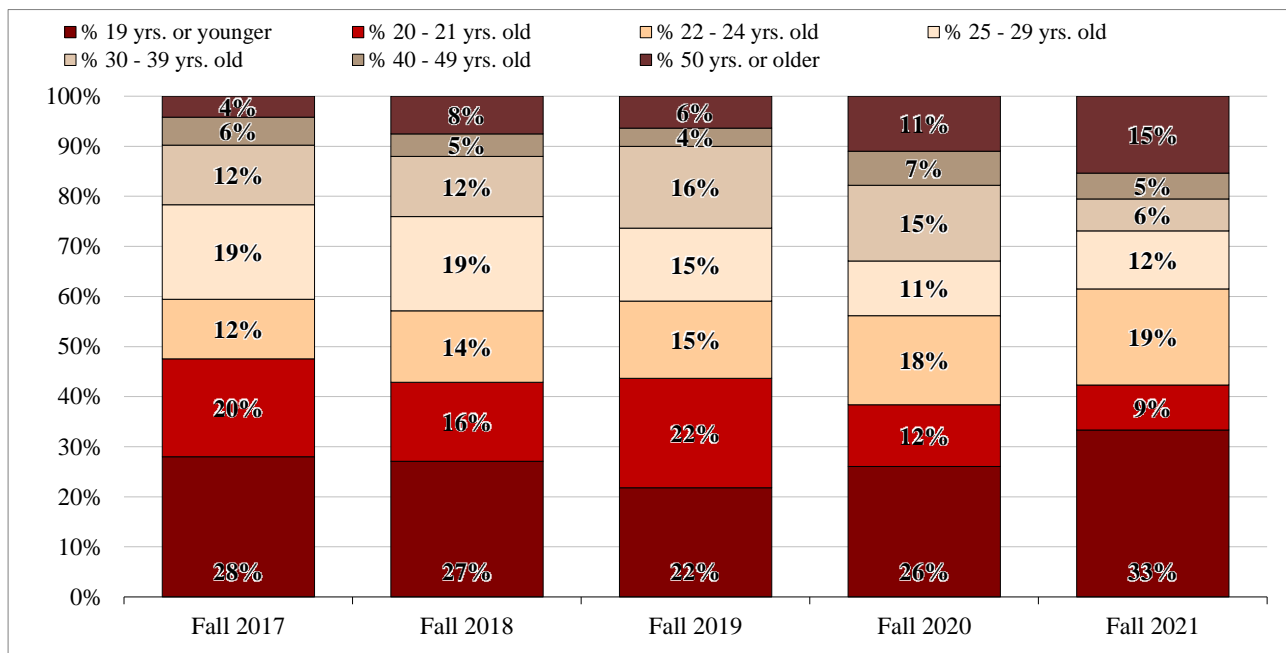
**Definitions:**

**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.

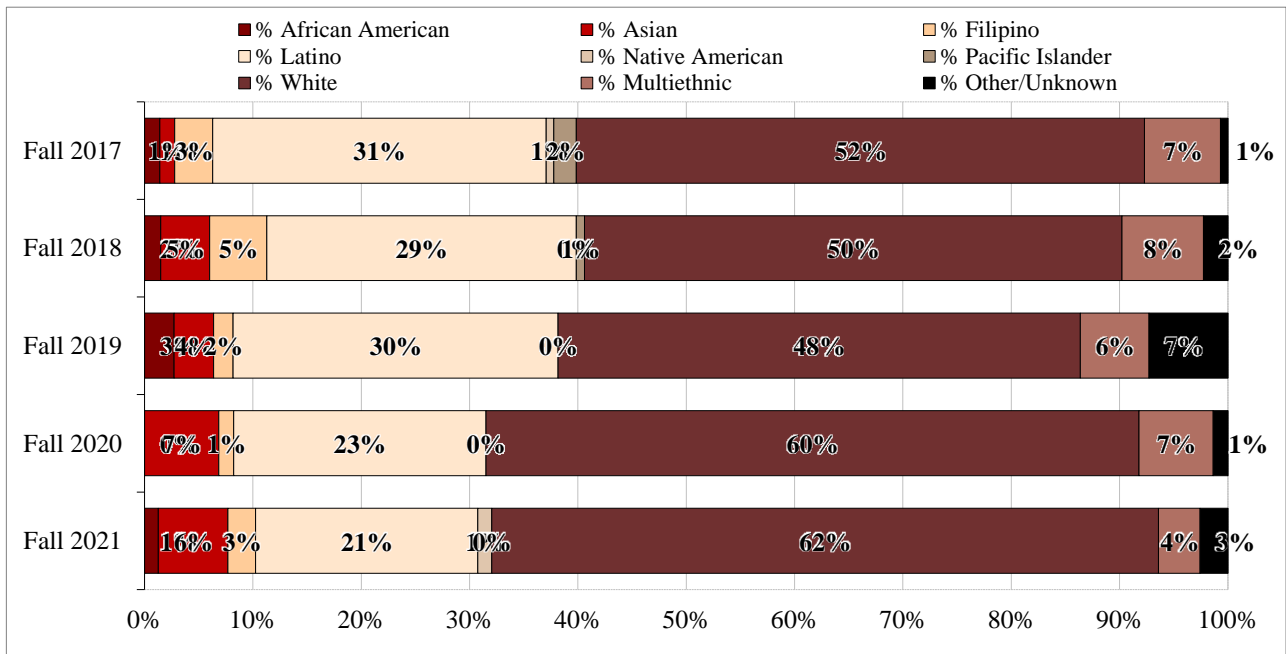
### Student Demographics: Gender & Age

Welding Technology ( WLDT )					
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Female	6	11	8	5	6
Male	135	121	99	68	70
19 yrs. or younger	40	36	24	19	26
20-21 yrs. old	28	21	24	9	7
22-24 yrs. old	17	19	17	13	15
25-29 yrs. old	27	25	16	8	9
30-39 yrs. old	17	16	18	11	5
40-49 yrs. old	8	6	4	5	4
50 yrs. or older	6	10	7	8	12
% Female	4%	8%	7%	7%	8%
% Male	96%	92%	93%	93%	92%
% 19 yrs. or younger	28%	27%	22%	26%	33%
% 20 - 21 yrs. old	20%	16%	22%	12%	9%
% 22 - 24 yrs. old	12%	14%	15%	18%	19%
% 25 - 29 yrs. old	19%	19%	15%	11%	12%
% 30 - 39 yrs. old	12%	12%	16%	15%	6%
% 40 - 49 yrs. old	6%	5%	4%	7%	5%
% 50 yrs. or older	4%	8%	6%	11%	15%



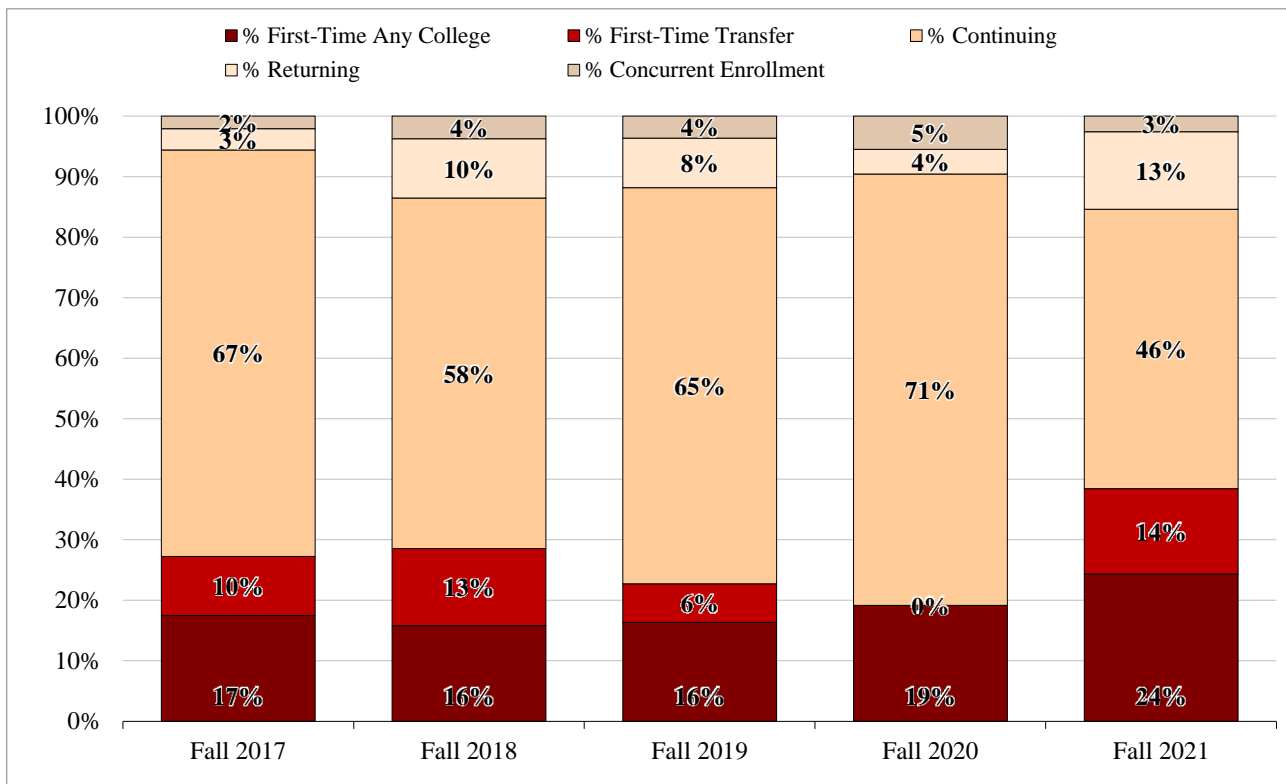
### Student Demographic: Race-Ethnicity

Welding Technology ( WLDT )					
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
African American	2	2	3	0	1
Asian	2	6	4	5	5
Filipino	5	7	2	1	2
Latino	44	38	33	17	16
Native American	1	0	0	0	1
Pacific Islander	3	1	0	0	0
White	75	66	53	44	48
Multiethnic	10	10	7	5	3
Other/Unknown	1	3	8	1	2
% African American	1%	2%	3%	0%	1%
% Asian	1%	5%	4%	7%	6%
% Filipino	3%	5%	2%	1%	3%
% Latino	31%	29%	30%	23%	21%
% Native American	1%	0%	0%	0%	1%
% Pacific Islander	2%	1%	0%	0%	0%
% White	52%	50%	48%	60%	62%
% Multiethnic	7%	8%	6%	7%	4%
% Other/Unknown	1%	2%	7%	1%	3%



### Student Enrollment Status

	Welding Technology ( WLDT )				
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
First-Time Any College	25	21	18	14	19
First-Time Transfer	14	17	7	0	11
Continuing	96	77	72	52	36
Returning	5	13	9	3	10
Concurrent Enrollment	3	5	4	4	2
% First-Time Any College	17%	16%	16%	19%	24%
% First-Time Transfer	10%	13%	6%	0%	14%
% Continuing	67%	58%	65%	71%	46%
% Returning	3%	10%	8%	4%	13%
% Concurrent Enrollment	2%	4%	4%	5%	3%



**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.

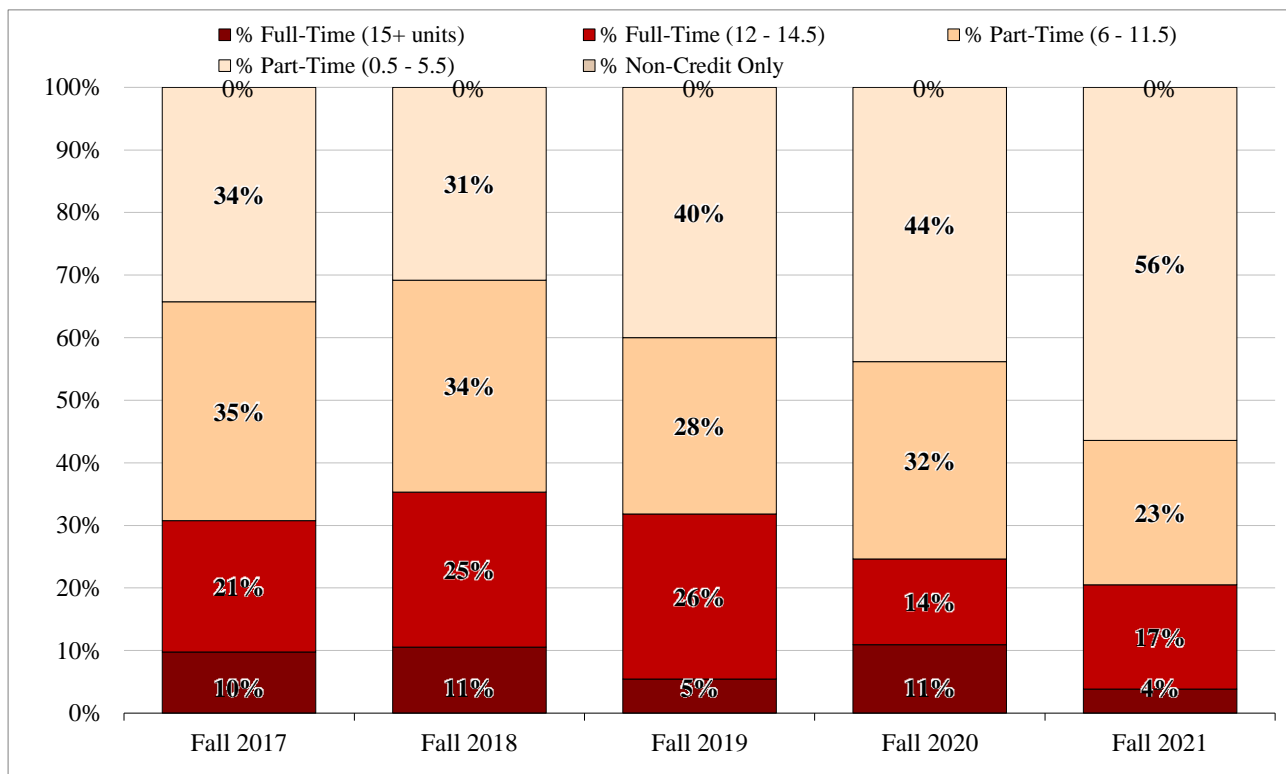
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

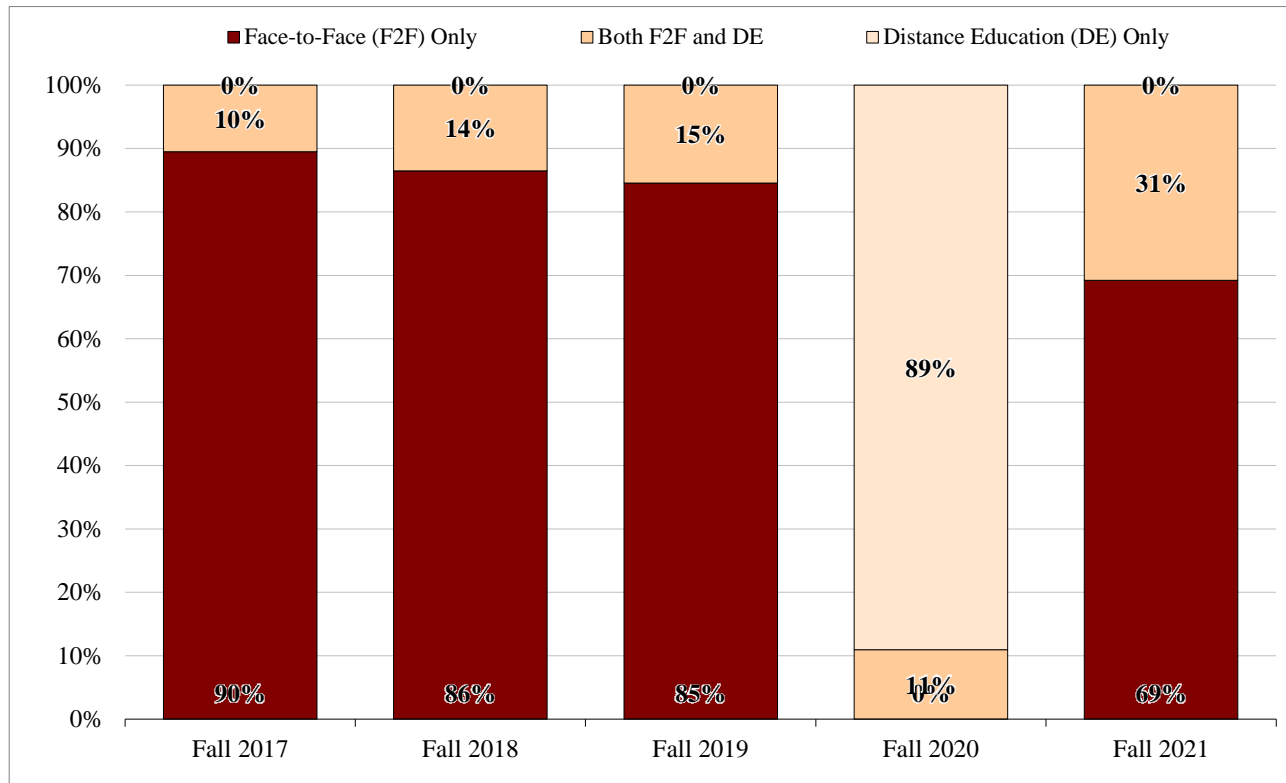
### Student Unit Load

Welding Technology ( WLDT )					
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Full-Time (15+ units)	14	14	6	8	3
Full-Time (12 - 14.5)	30	33	29	10	13
Part-Time (6 - 11.5)	50	45	31	23	18
Part-Time (0.5 - 5.5)	49	41	44	32	44
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	10%	11%	5%	11%	4%
% Full-Time (12 - 14.5)	21%	25%	26%	14%	17%
% Part-Time (6 - 11.5)	35%	34%	28%	32%	23%
% Part-Time (0.5 - 5.5)	34%	31%	40%	44%	56%
% Non-Credit Only	0%	0%	0%	0%	0%



### Students Using Distance Education

Welding Technology ( WLDT )					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Face-to-Face (F2F) Only	128	115	93	0	54
Both F2F and DE	15	18	17	8	24
Distance Education (DE) Only	0	0	0	65	0
% Face-to-Face (F2F) Only	90%	86%	85%	0%	69%
% Both F2F and DE	10%	14%	15%	11%	31%
% Distance Education (DE) Only	0%	0%	0%	89%	0%

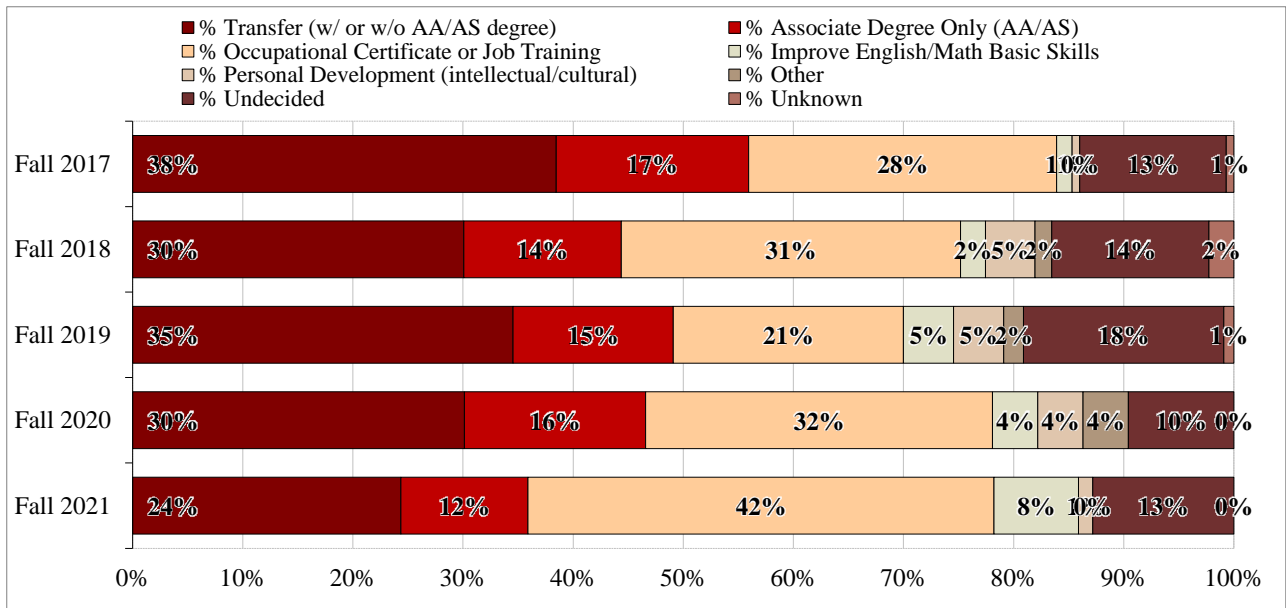


**Definitions:**

**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				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
Transfer (w/ or w/o AA/AS degree)	55	40	38	22	19
Associate Degree Only (AA/AS)	25	19	16	12	9
Occupational Certificate or Job Training	40	41	23	23	33
Improve English/Math Basic Skills	2	3	5	3	6
Personal Development (intellectual/cultural)	1	6	5	3	1
Other	0	2	2	3	0
Undecided	19	19	20	7	10
Unknown	1	3	1	0	0
% Transfer (w/ or w/o AA/AS degree)	38%	30%	35%	30%	24%
% Associate Degree Only (AA/AS)	17%	14%	15%	16%	12%
% Occupational Certificate or Job Training	28%	31%	21%	32%	42%
% Improve English/Math Basic Skills	1%	2%	5%	4%	8%
% Personal Development (intellectual/cultural)	1%	5%	5%	4%	1%
% Other	0%	2%	2%	4%	0%
% Undecided	13%	14%	18%	10%	13%
% Unknown	1%	2%	1%	0%	0%



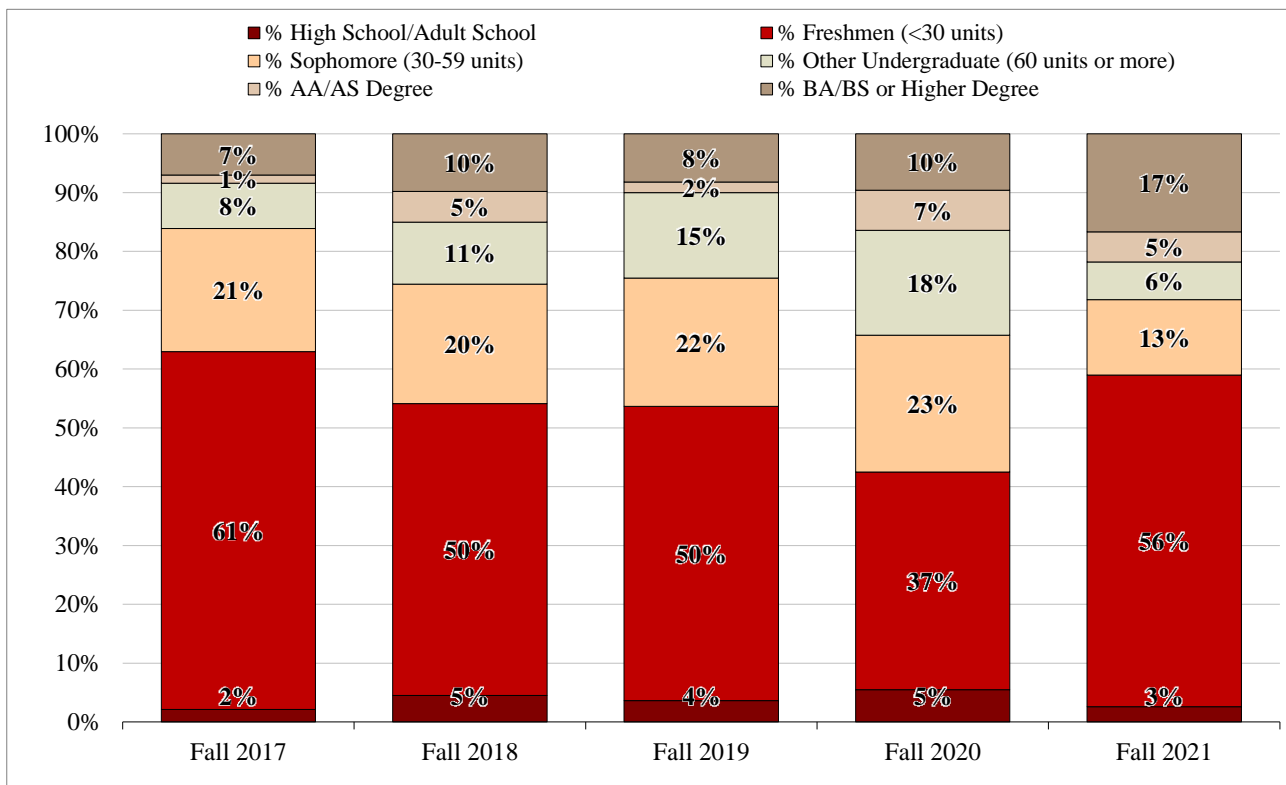
**Definitions:**

- 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.



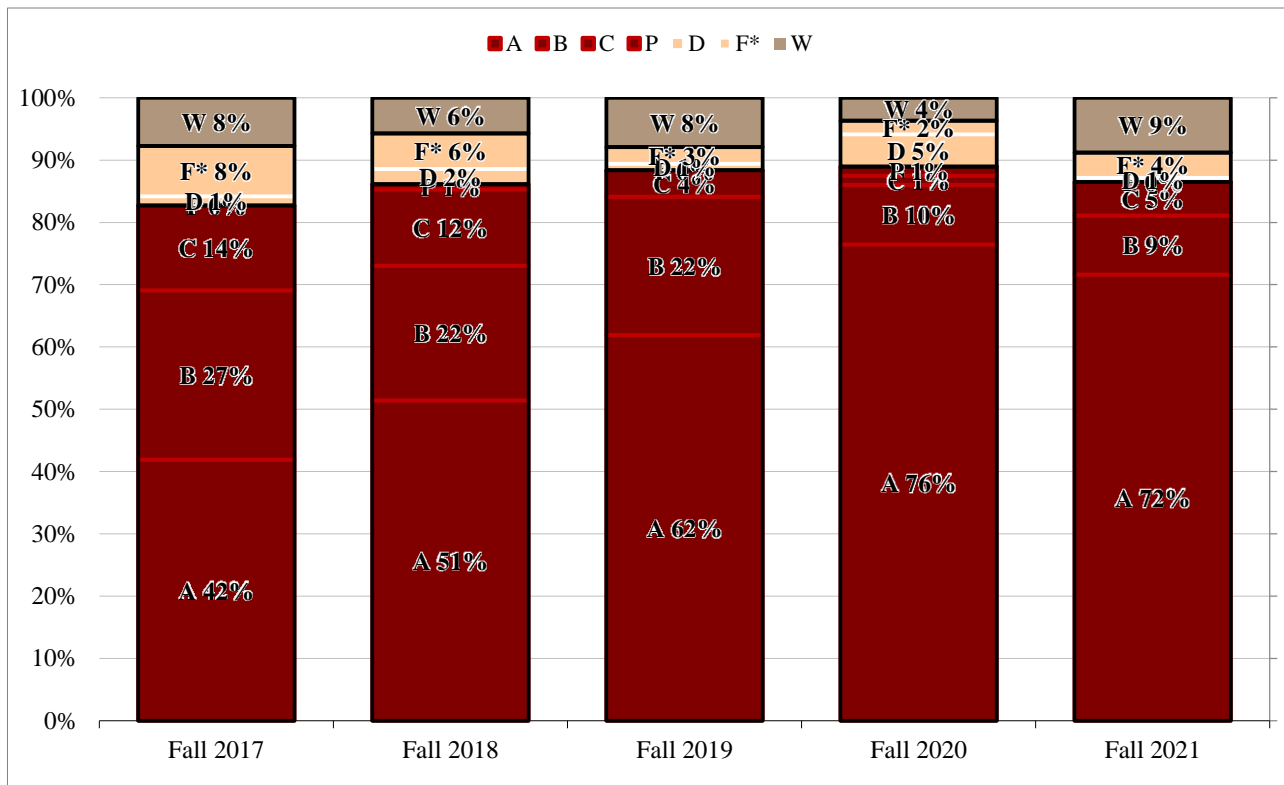
### Highest Educational Level of Students

	Welding Technology ( WLDT )				
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
High School/Adult School	3	6	4	4	2
Freshmen (<30 units)	87	66	55	27	44
Sophomore (30-59 units)	30	27	24	17	10
Other Undergraduate (60 units or more)	11	14	16	13	5
AA/AS Degree	2	7	2	5	4
BA/BS or Higher Degree	10	13	9	7	13
% High School/Adult School	2%	5%	4%	5%	3%
% Freshmen (<30 units)	61%	50%	50%	37%	56%
% Sophomore (30-59 units)	21%	20%	22%	23%	13%
% Other Undergraduate (60 units or more)	8%	11%	15%	18%	6%
% AA/AS Degree	1%	5%	2%	7%	5%
% BA/BS or Higher Degree	7%	10%	8%	10%	17%



### Student Performance: Grade Distribution

Welding Technology ( WLDT )					
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
<b>Total Course Enrollments</b>	<b>272</b>	<b>246</b>	<b>189</b>	<b>136</b>	<b>148</b>
<b>Course Success Rates</b>	<b>83%</b>	<b>86%</b>	<b>88%</b>	<b>89%</b>	<b>86%</b>
A	42%	51%	62%	76%	72%
B	27%	22%	22%	10%	9%
C	14%	12%	4%	1%	5%
P	0%	1%	0%	1%	0%
<b>Course Non-Success Rate</b>	<b>10%</b>	<b>8%</b>	<b>4%</b>	<b>7%</b>	<b>5%</b>
D	1%	2%	1%	5%	1%
F*	8%	6%	3%	2%	4%
<b>Withdrawals (See Note)</b>	<b>8%</b>	<b>6%</b>	<b>8%</b>	<b>4%</b>	<b>9%</b>



**Definitions:**

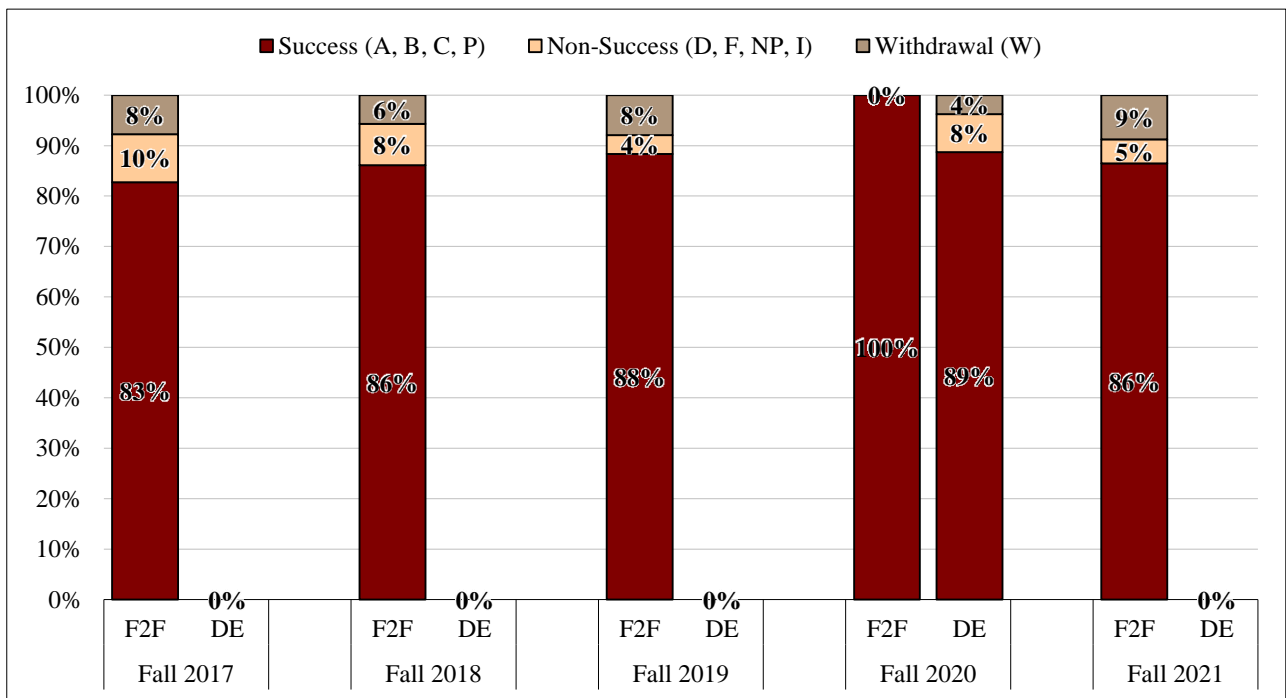
**Course Success Rate:** Share of course enrollments resulting in a passing grade ('A', 'B', 'C', 'P', 'NCA', 'NCB', 'NCC', or 'NCP').

**Course Non-Success Rate:** Share of course enrollments resulting in a grade of 'D' or F\* (includes: 'F', 'NP', '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				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
<b>Total Course Enrollments</b>	<b>272</b>	<b>246</b>	<b>189</b>	<b>136</b>	<b>148</b>
<b>Face-to-Face (F2F) Sections</b>	<b>272</b>	<b>246</b>	<b>189</b>	<b>3</b>	<b>148</b>
Success Rates	83%	86%	88%	100%	86%
Non-Success Rates	10%	8%	4%	0%	5%
Withdrawals	8%	6%	8%	0%	9%
<b>Distance Education (DE) Sections</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>133</b>	<b>0</b>
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').

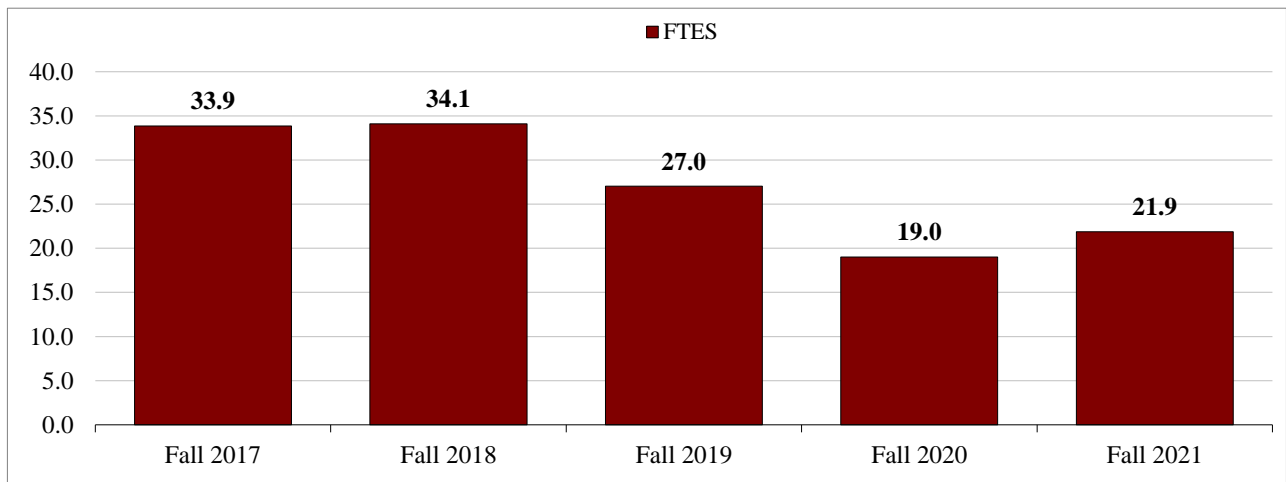
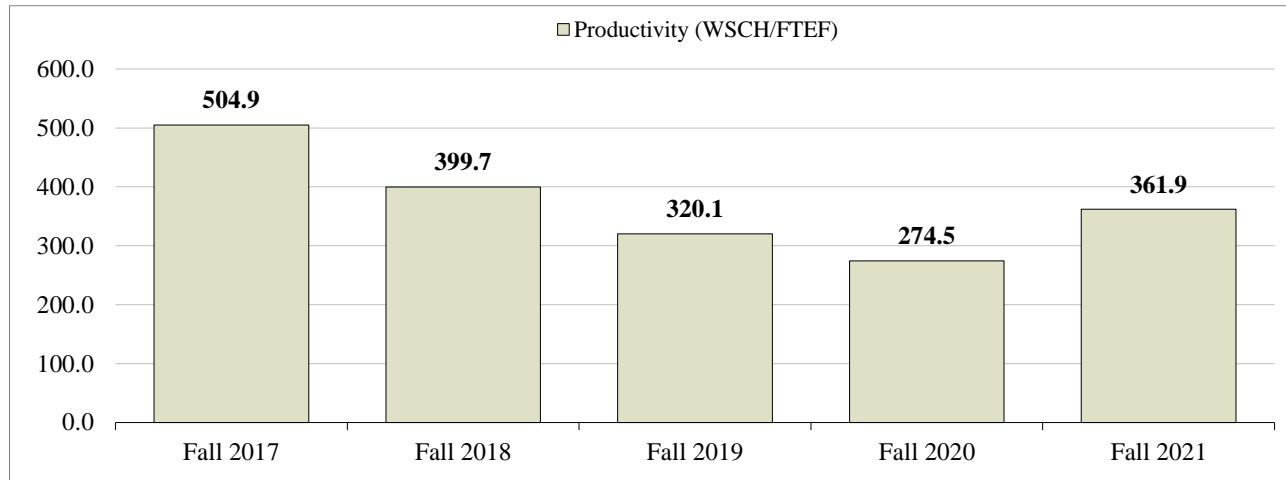
**Course Non-Success Rate:** Share of course enrollments resulting in a grade of 'D', 'F', 'NP', 'T', 'NCD', 'NCF', or 'NCNP'.

**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 )				
	Term				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
WSCH	1,023	1,034	830	577	658
FTEs	33.9	34.1	27.0	19.0	21.9
FTEF	2.0	2.6	2.6	2.1	1.8
Productivity (WSCH/FTEF)	504.9	399.7	320.1	274.5	361.9



**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.

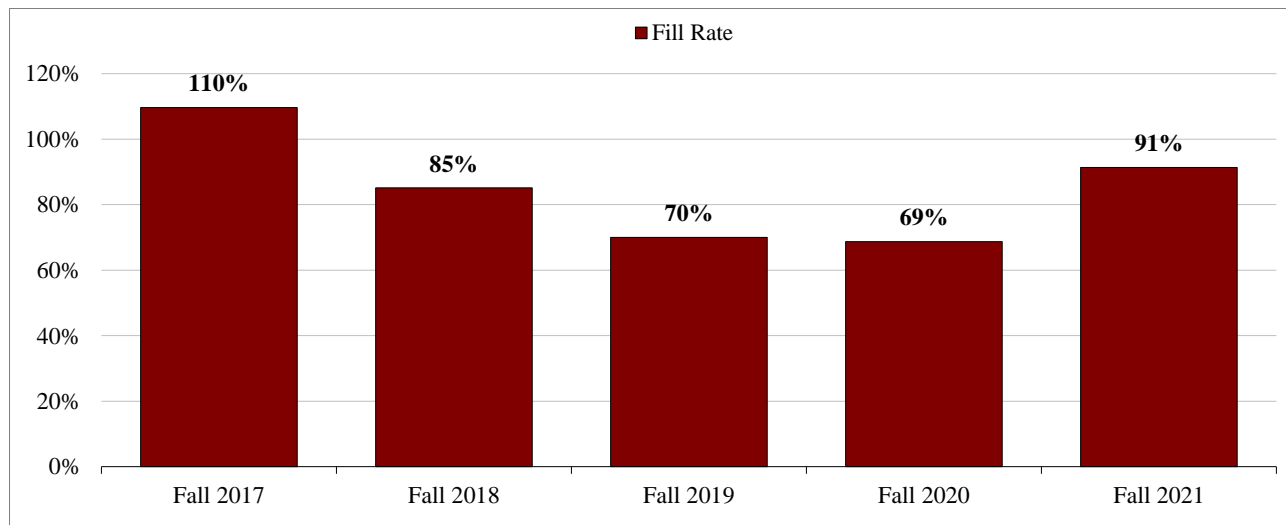
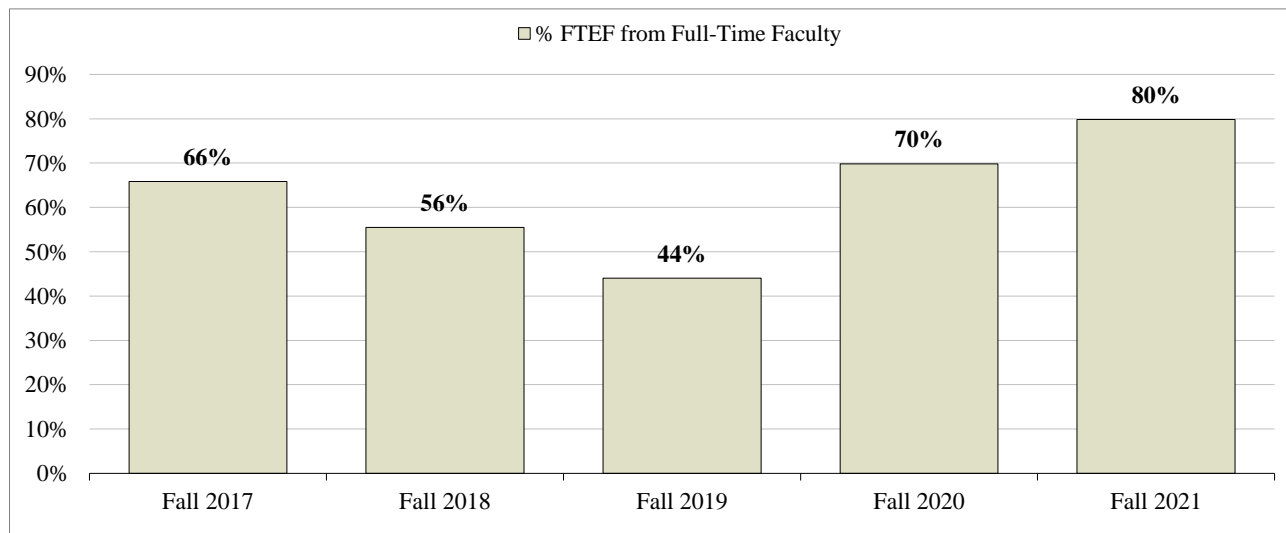
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**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				
	Fall 2017	Fall 2018	Fall 2019	Fall 2020	Fall 2021
FTEF from Full-Time Faculty	1.3	1.4	1.1	1.5	1.5
% FTEF from Full-Time Faculty	66%	56%	44%	70%	80%
Enrollments	272	246	189	136	148
Capacity (seats available)	248	289	270	198	162
Fill Rate	110%	85%	70%	69%	91%



**Definitions:**

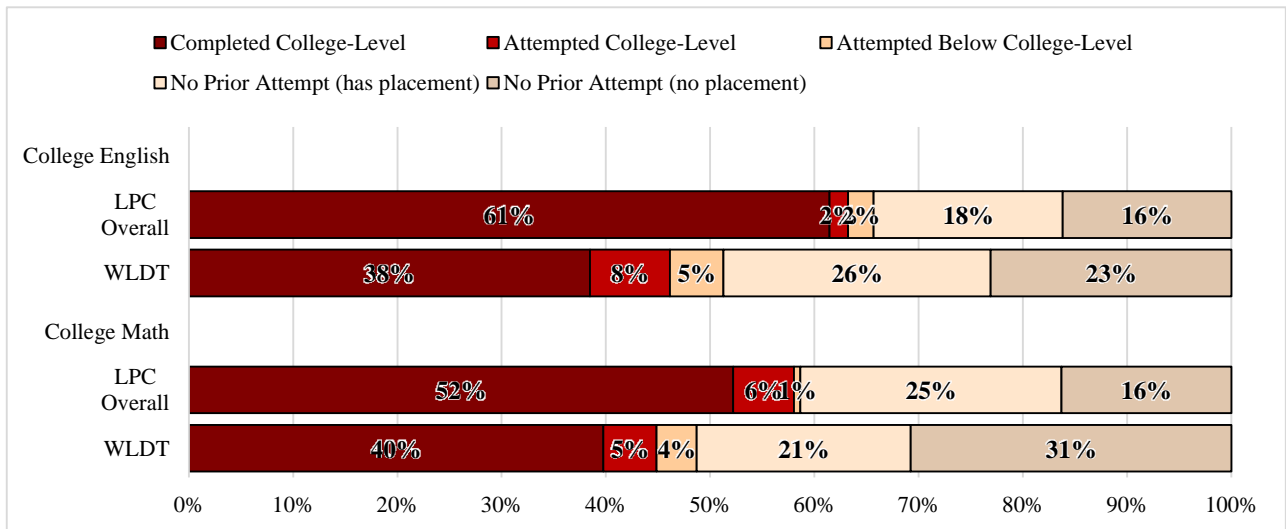
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% 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.

### Prior Experience in English & Math

Fall 2021				
	WLDT		LPC Overall	
	Num	Pct	Num	Pct
<b>College English</b>				
Completed College-level	30	38%	3,849	52%
Attempted College-level	6	8%	430	6%
Attempted Below College-level	4	5%	46	1%
No Prior Attempt (has placement)	20	26%	1,845	25%
No Prior Attempt (no placement)	18	23%	1,202	16%
<b>College Math</b>				
Completed College-level	31	40%	4,530	61%
Attempted College-level	4	5%	132	2%
Attempted Below College-level	3	4%	181	2%
No Prior Attempt (has placement)	16	21%	1,337	18%
No Prior Attempt (no placement)	24	31%	1,192	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 Attempt (no placement)** = no previous English enrollments within the sequence and did not utilize a placement tool.

**College Math:**

**Completed College-level** = successfully 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 Attempt (no placement)** = no previous Math enrollments within the sequence and did not utilize a placement tool.