



Las Positas College

**Program Review Discipline Data Packet**

Fall 2015 to Fall 2019

Discipline:

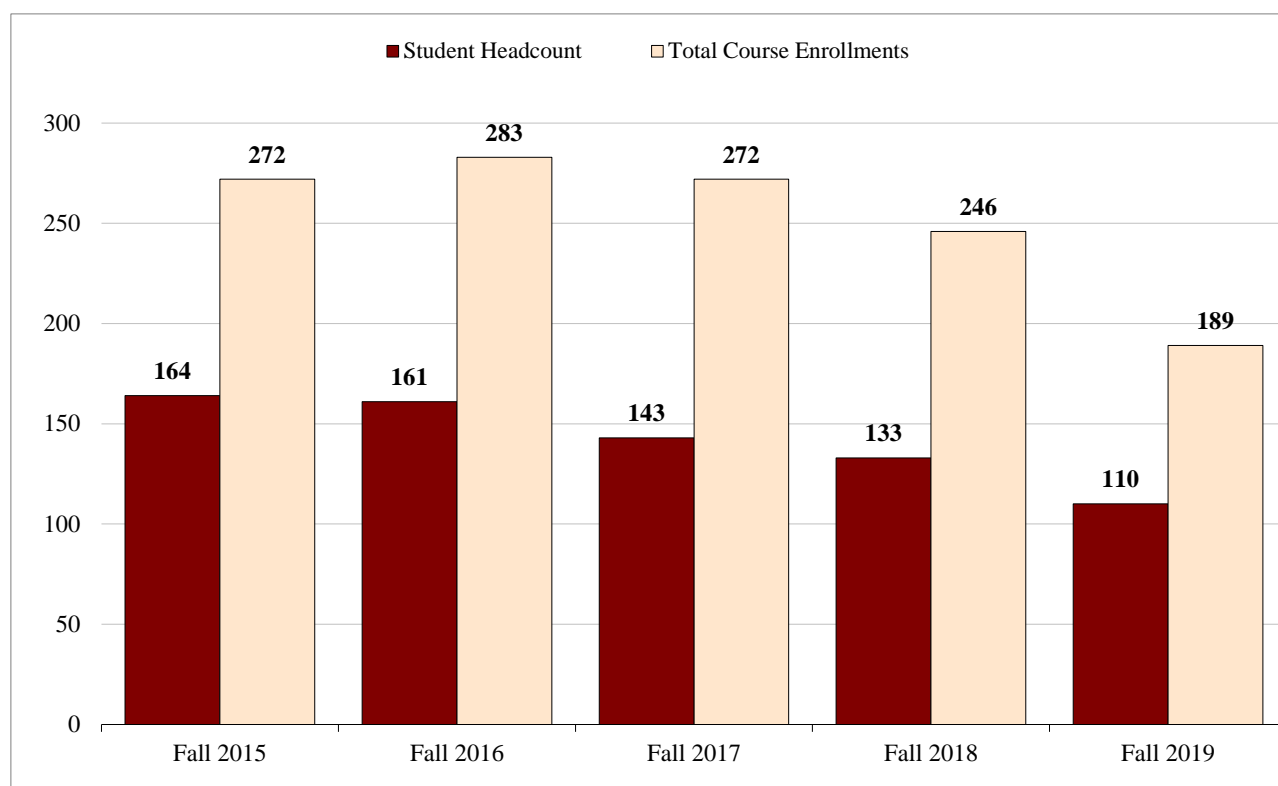
**Welding Technology (WLDT)**

<b><u>TABLE OF CONTENTS</u></b>	<b><u>PAGE</u></b>
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
College Readiness: English & Math Proficiency.....	13

NOTE: ^ next to rubric / subject code indicates that the report combines data for related credit and non-credit rubrics

## Headcount & Enrollment

Welding Technology ( WLDT )					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Student Headcount	164	161	143	133	110
Total Course Enrollments	272	283	272	246	189



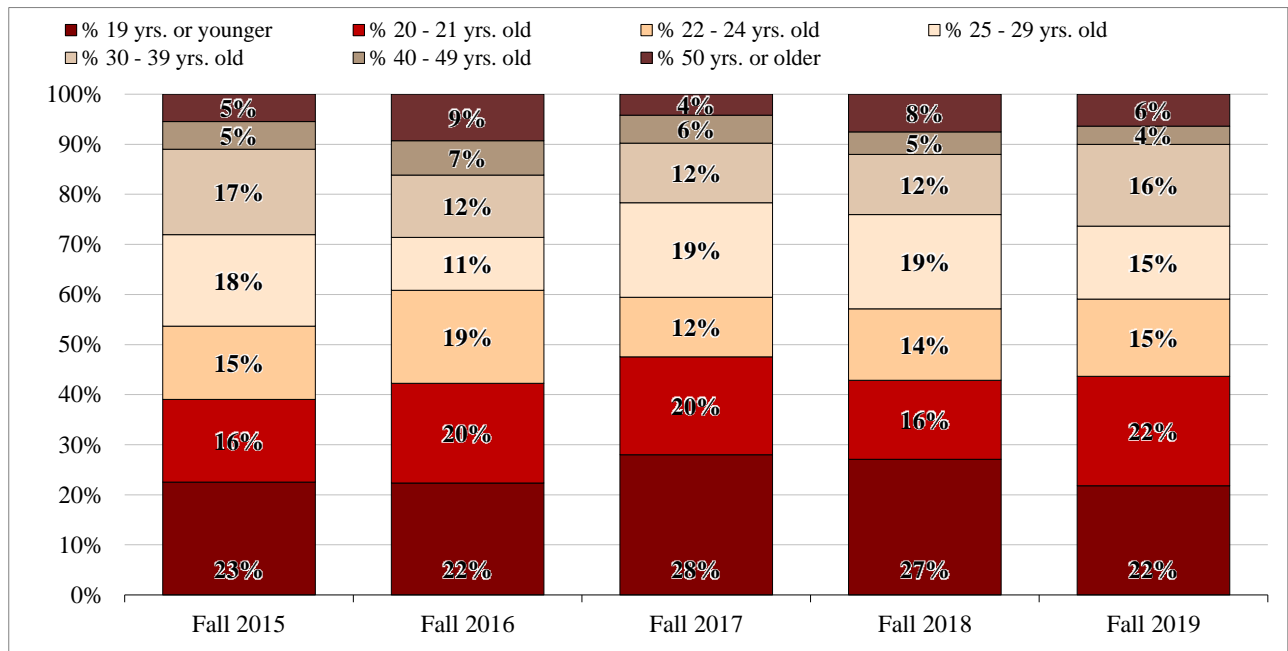
### Definitions:

**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.

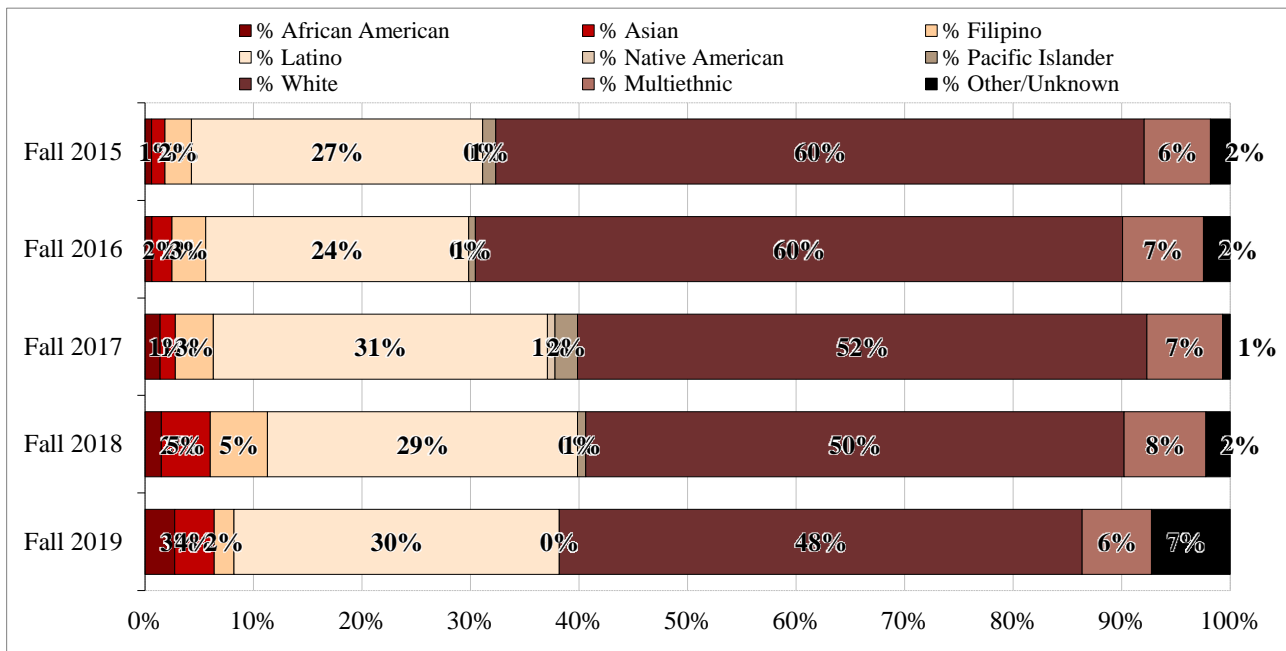
## Student Demographics: Gender & Age

Welding Technology ( WLDT )					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Female	17	11	6	11	8
Male	144	148	135	121	99
19 yrs. or younger	37	36	40	36	24
20-21 yrs. old	27	32	28	21	24
22-24 yrs. old	24	30	17	19	17
25-29 yrs. old	30	17	27	25	16
30-39 yrs. old	28	20	17	16	18
40-49 yrs. old	9	11	8	6	4
50 yrs. or older	9	15	6	10	7
% Female	11%	7%	4%	8%	7%
% Male	89%	93%	96%	92%	93%
% 19 yrs. or younger	23%	22%	28%	27%	22%
% 20 - 21 yrs. old	16%	20%	20%	16%	22%
% 22 - 24 yrs. old	15%	19%	12%	14%	15%
% 25 - 29 yrs. old	18%	11%	19%	19%	15%
% 30 - 39 yrs. old	17%	12%	12%	12%	16%
% 40 - 49 yrs. old	5%	7%	6%	5%	4%
% 50 yrs. or older	5%	9%	4%	8%	6%



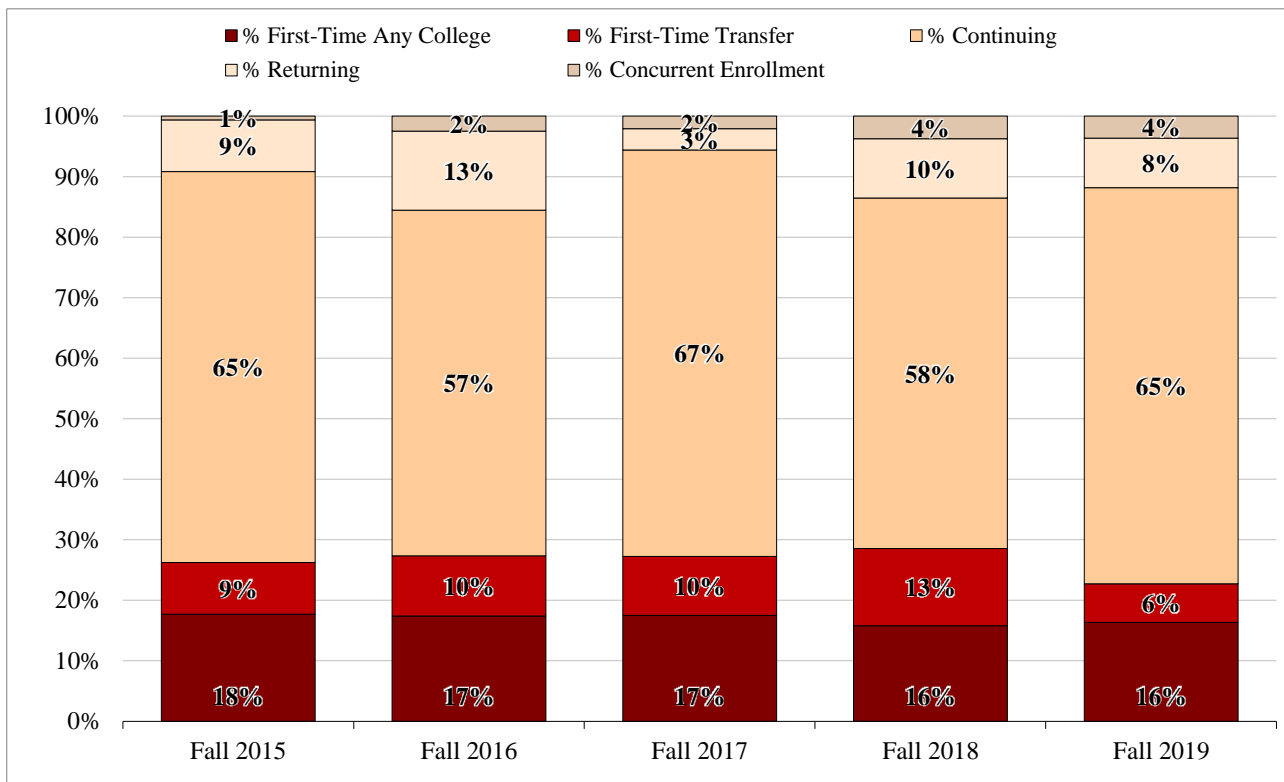
## Student Demographic: Race-Ethnicity

Welding Technology ( WLDT )					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
African American	1	1	2	2	3
Asian	2	3	2	6	4
Filipino	4	5	5	7	2
Latino	44	39	44	38	33
Native American	0	0	1	0	0
Pacific Islander	2	1	3	1	0
White	98	96	75	66	53
Multiethnic	10	12	10	10	7
Other/Unknown	3	4	1	3	8
% African American	1%	1%	1%	2%	3%
% Asian	1%	2%	1%	5%	4%
% Filipino	2%	3%	3%	5%	2%
% Latino	27%	24%	31%	29%	30%
% Native American	0%	0%	1%	0%	0%
% Pacific Islander	1%	1%	2%	1%	0%
% White	60%	60%	52%	50%	48%
% Multiethnic	6%	7%	7%	8%	6%
% Other/Unknown	2%	2%	1%	2%	7%



## Student Enrollment Status

Welding Technology ( WLDT )					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
First-Time Any College	29	28	25	21	18
First-Time Transfer	14	16	14	17	7
Continuing	106	92	96	77	72
Returning	14	21	5	13	9
Concurrent Enrollment	1	4	3	5	4
% First-Time Any College	18%	17%	17%	16%	16%
% First-Time Transfer	9%	10%	10%	13%	6%
% Continuing	65%	57%	67%	58%	65%
% Returning	9%	13%	3%	10%	8%
% Concurrent Enrollment	1%	2%	2%	4%	4%



### 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.

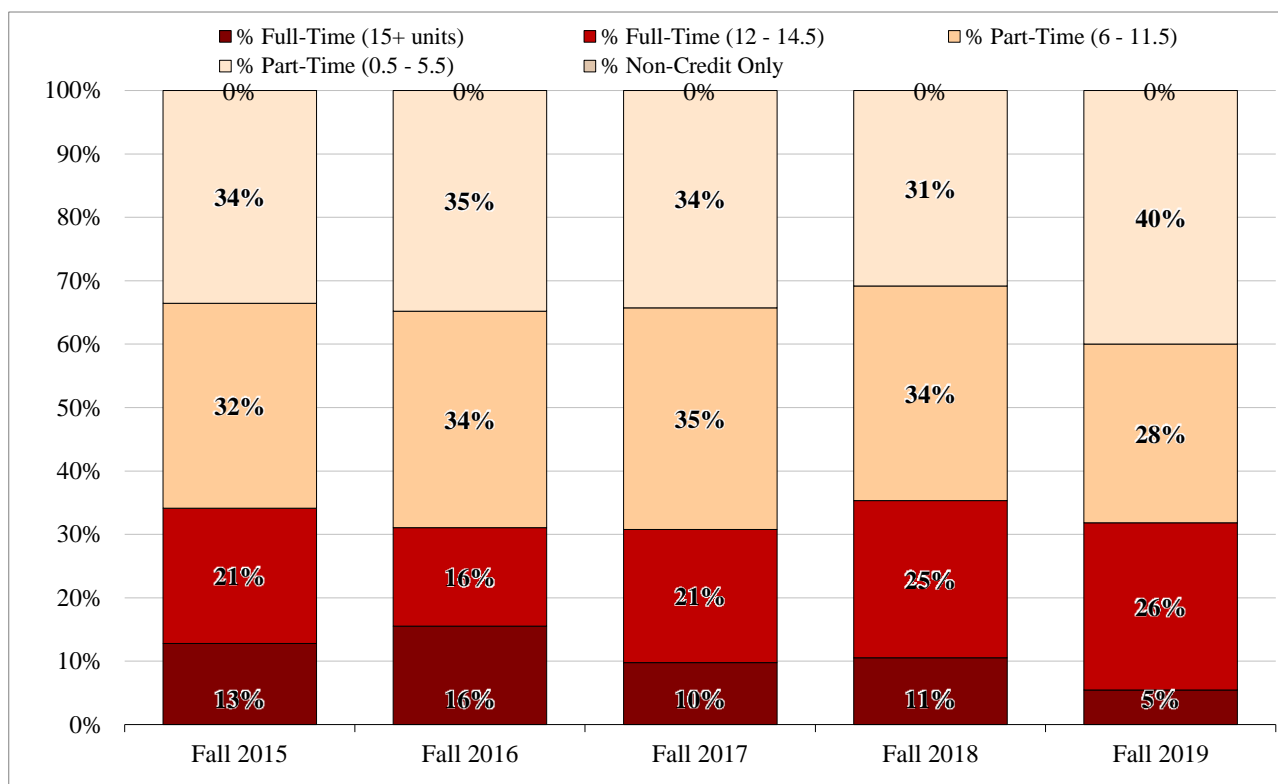
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

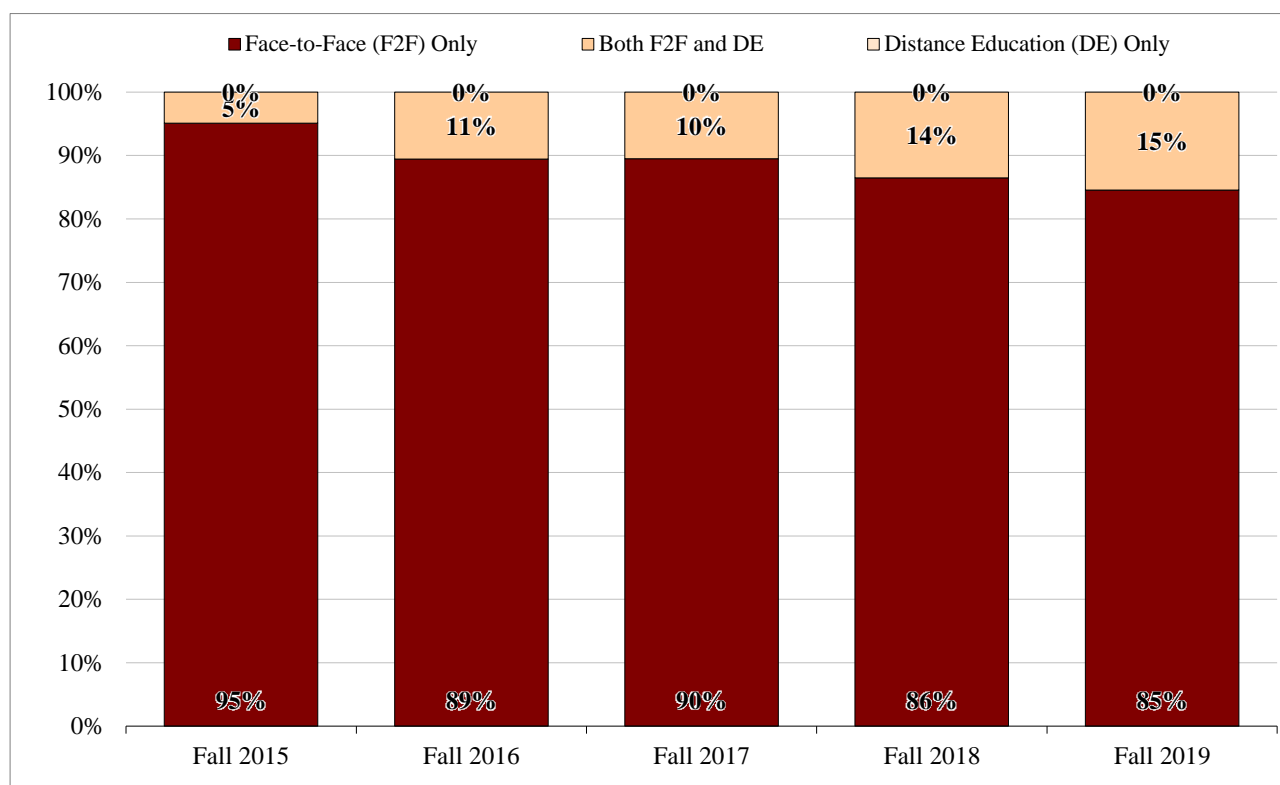
## Student Unit Load

Welding Technology ( WLDT )					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Full-Time (15+ units)	21	25	14	14	6
Full-Time (12 - 14.5)	35	25	30	33	29
Part-Time (6 - 11.5)	53	55	50	45	31
Part-Time (0.5 - 5.5)	55	56	49	41	44
Non-Credit Only	0	0	0	0	0
% Full-Time (15+ units)	13%	16%	10%	11%	5%
% Full-Time (12 - 14.5)	21%	16%	21%	25%	26%
% Part-Time (6 - 11.5)	32%	34%	35%	34%	28%
% Part-Time (0.5 - 5.5)	34%	35%	34%	31%	40%
% Non-Credit Only	0%	0%	0%	0%	0%



## Students Using Distance Education

Welding Technology ( WLDT )					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Face-to-Face (F2F) Only	156	144	128	115	93
Both F2F and DE	8	17	15	18	17
Distance Education (DE) Only	0	0	0	0	0
% Face-to-Face (F2F) Only	95%	89%	90%	86%	85%
% Both F2F and DE	5%	11%	10%	14%	15%
% Distance Education (DE) Only	0%	0%	0%	0%	0%

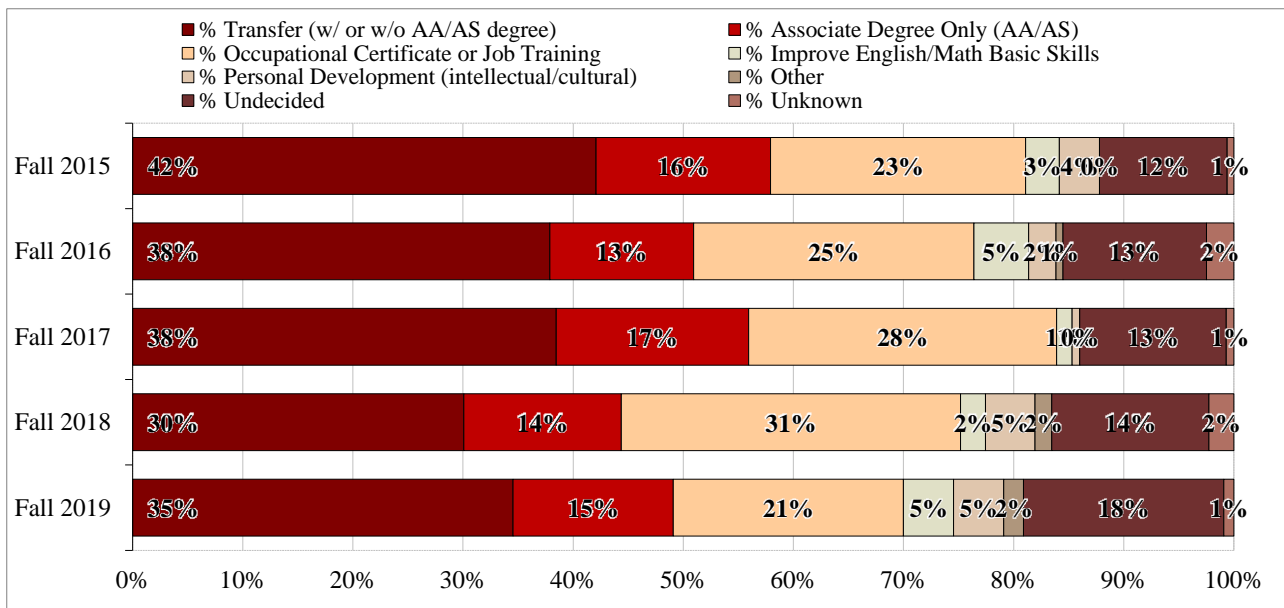


**Definitions:**

**Distance Education (DE)** includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'.

## Student Educational Goal

Welding Technology ( WLDT )					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
Transfer (w/ or w/o AA/AS degree)	69	61	55	40	38
Associate Degree Only (AA/AS)	26	21	25	19	16
Occupational Certificate or Job Training	38	41	40	41	23
Improve English/Math Basic Skills	5	8	2	3	5
Personal Development (intellectual/cultural)	6	4	1	6	5
Other	0	1	0	2	2
Undecided	19	21	19	19	20
Unknown	1	4	1	3	1
% Transfer (w/ or w/o AA/AS degree)	42%	38%	38%	30%	35%
% Associate Degree Only (AA/AS)	16%	13%	17%	14%	15%
% Occupational Certificate or Job Training	23%	25%	28%	31%	21%
% Improve English/Math Basic Skills	3%	5%	1%	2%	5%
% Personal Development (intellectual/cultural)	4%	2%	1%	5%	5%
% Other	0%	1%	0%	2%	2%
% Undecided	12%	13%	13%	14%	18%
% Unknown	1%	2%	1%	2%	1%



### 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.

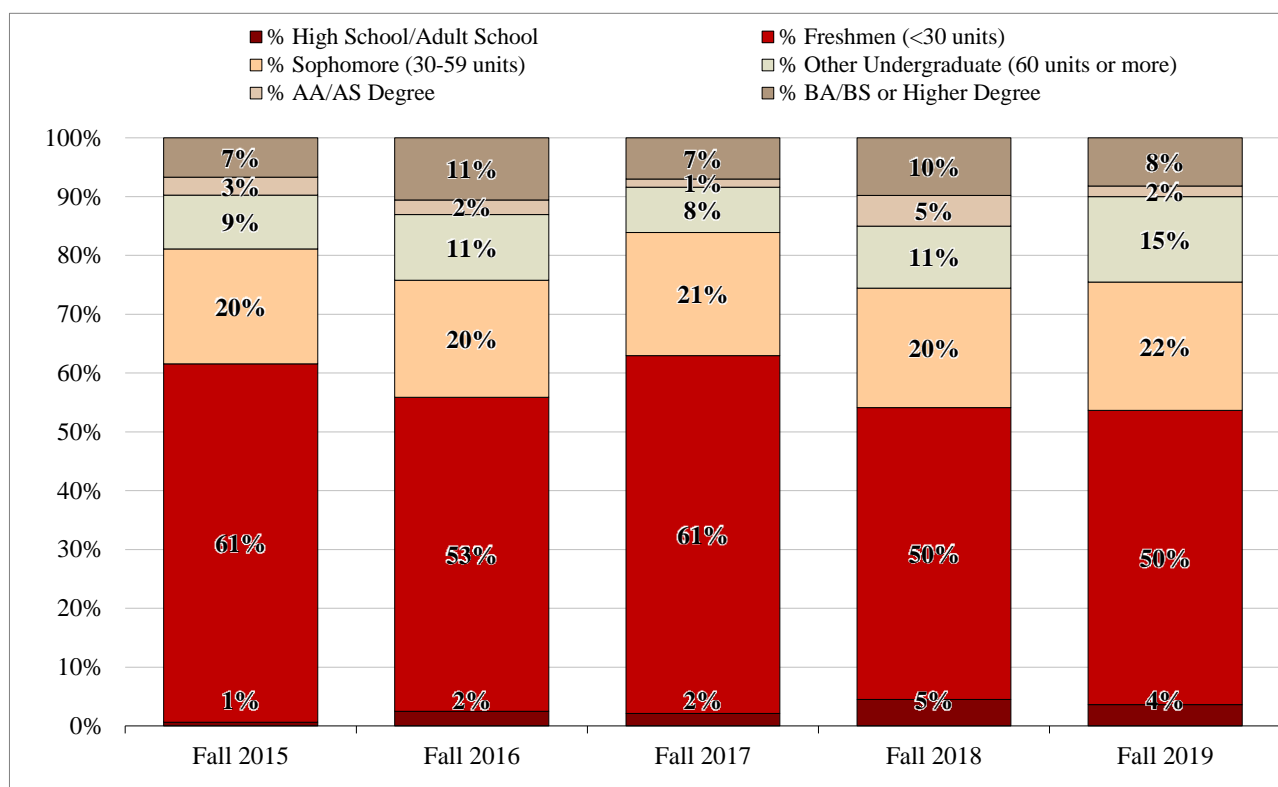
**Personal Development:** Students taking courses for intellectual and/or cultural development.

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



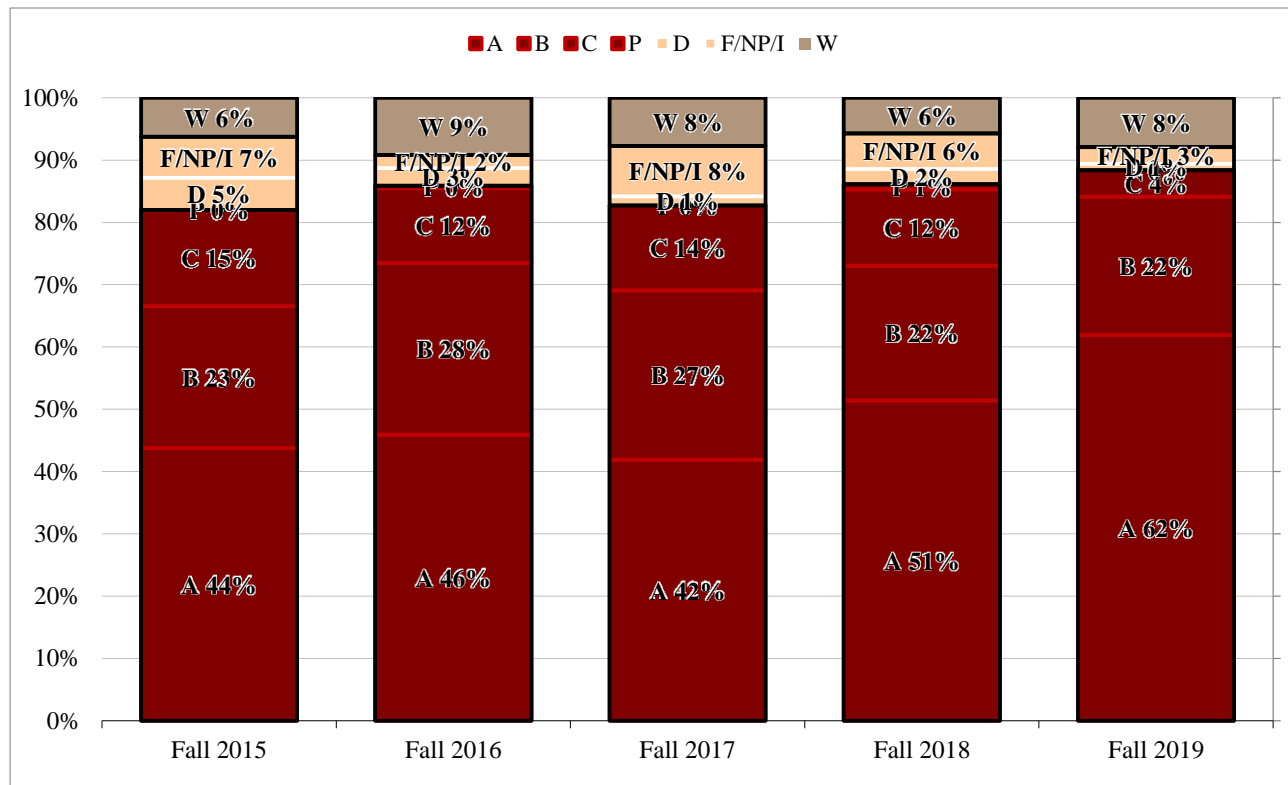
## Highest Educational Level of Students

Welding Technology ( WLDT )					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
High School/Adult School	1	4	3	6	4
Freshmen (<30 units)	100	86	87	66	55
Sophomore (30-59 units)	32	32	30	27	24
Other Undergraduate (60 units or more)	15	18	11	14	16
AA/AS Degree	5	4	2	7	2
BA/BS or Higher Degree	11	17	10	13	9
% High School/Adult School	1%	2%	2%	5%	4%
% Freshmen (<30 units)	61%	53%	61%	50%	50%
% Sophomore (30-59 units)	20%	20%	21%	20%	22%
% Other Undergraduate (60 units or more)	9%	11%	8%	11%	15%
% AA/AS Degree	3%	2%	1%	5%	2%
% BA/BS or Higher Degree	7%	11%	7%	10%	8%



## Student Performance: Grade Distribution

Welding Technology ( WLDT )					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
<b>Total Course Enrollments</b>	<b>272</b>	<b>283</b>	<b>272</b>	<b>246</b>	<b>189</b>
<b>Course Success Rates</b>	<b>82%</b>	<b>86%</b>	<b>83%</b>	<b>86%</b>	<b>88%</b>
A	44%	46%	42%	51%	62%
B	23%	28%	27%	22%	22%
C	15%	12%	14%	12%	4%
P	0%	<1%	0%	1%	0%
<b>Course Non-Success Rate</b>	<b>12%</b>	<b>5%</b>	<b>10%</b>	<b>8%</b>	<b>4%</b>
D	5%	3%	1%	2%	1%
F/NP/I	7%	2%	8%	6%	3%
<b>Withdrawals (W)</b>	<b>6%</b>	<b>9%</b>	<b>8%</b>	<b>6%</b>	<b>8%</b>



### Definitions:

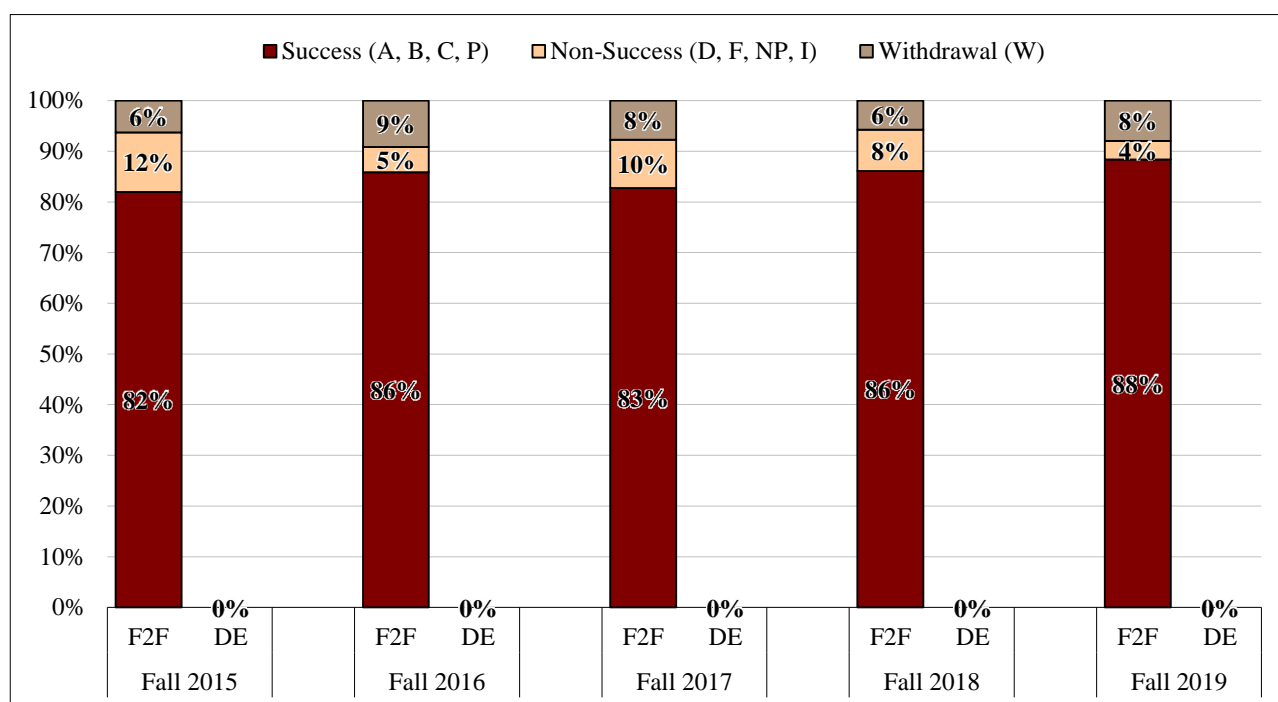
**Course Success Rate** is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

**Course Non-Success Rate** is the percentage of students receiving a grade of ('D', 'F', 'NP' or 'I') relative to all students receiving a grade.

**Withdrawals** is the percentage of students receiving a grade notation of 'W' relative to all students receiving a grade.

## Student Performance: Distance Education

Welding Technology ( WLDT )					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
<b>Total Course Enrollments</b>	<b>272</b>	<b>283</b>	<b>272</b>	<b>246</b>	<b>189</b>
<b>Face-to-Face (F2F) Sections</b>	<b>272</b>	<b>283</b>	<b>272</b>	<b>246</b>	<b>189</b>
Success Rates	82%	86%	83%	86%	88%
Non-Success Rates	12%	5%	10%	8%	4%
Withdrawals	6%	9%	8%	6%	8%
<b>Distance Education (DE) Sections</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Success Rates	—	—	—	—	—
Non-Success Rates	—	—	—	—	—
Withdrawals	—	—	—	—	—



### Definitions:

**Course Success Rate** is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

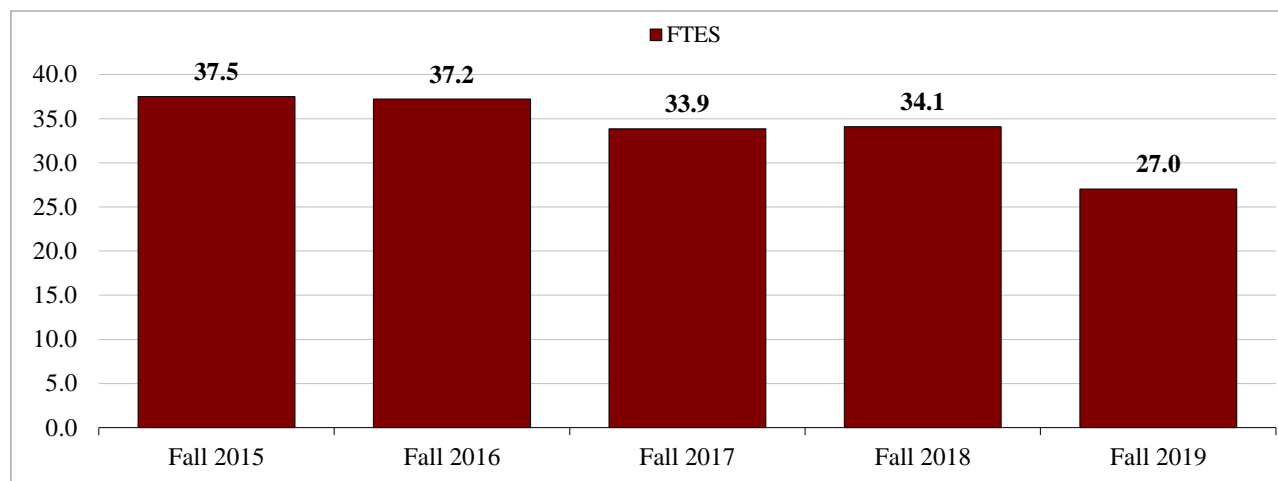
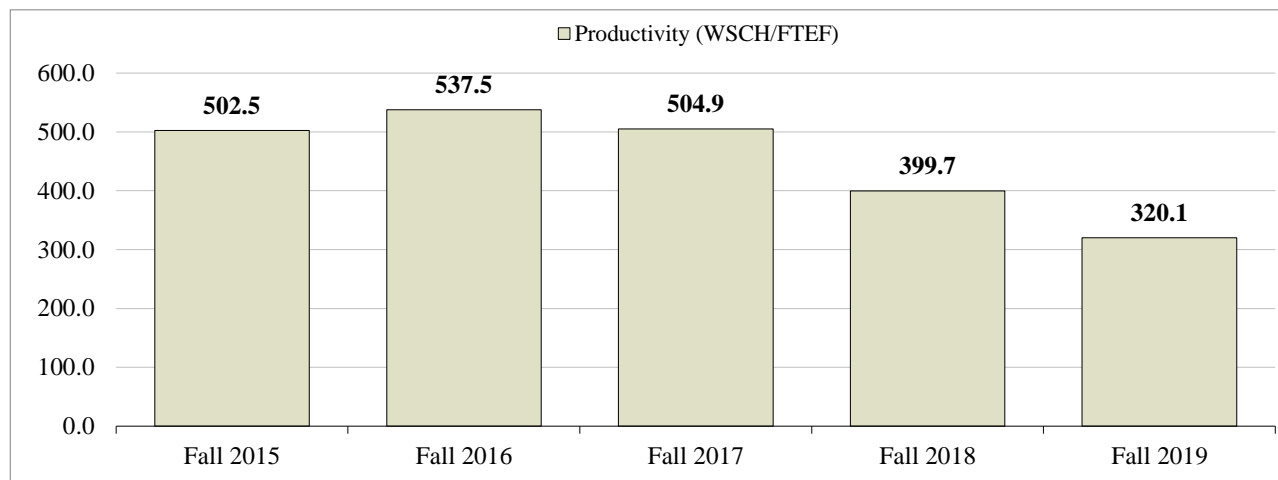
**Course Non-Success Rate** is the percentage of students receiving a grade of ('D', 'F', 'NP or T') relative to all students receiving a grade.

**Withdrawals** is the percentage of students receiving a grade notation of 'W' relative to all students receiving a grade.

**Distance Education (DE)** includes enrollments in course sections that begin with 'DE', 'HD', 'LD' and 'LO'.

## Enrollment Management: Part 1

	Welding Technology ( WLDT )				
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
WSCH	1,127	1,125	1,023	1,034	830
FTES	37.5	37.2	33.9	34.1	27.0
FTEF	2.2	2.1	2.0	2.6	2.6
Productivity (WSCH/FTEF)	502.5	537.5	504.9	399.7	320.1



### 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.

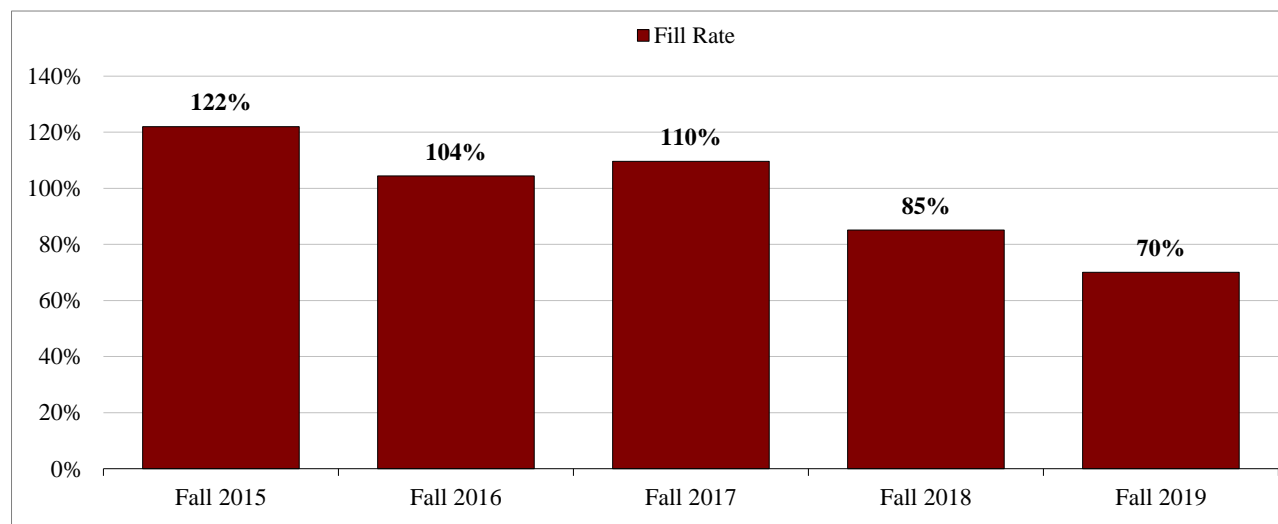
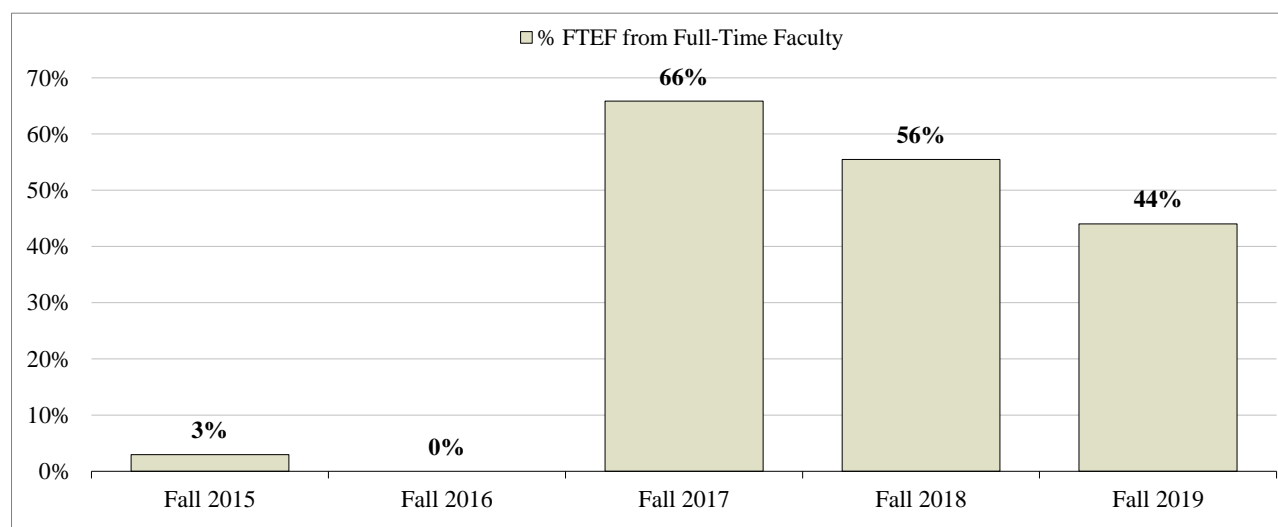
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**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 7/14/20.

## Enrollment Management: Part 2

Welding Technology ( WLDT )					
	Term				
	Fall 2015	Fall 2016	Fall 2017	Fall 2018	Fall 2019
FTEF from Full-Time Faculty	0.1	0.0	1.3	1.4	1.1
% FTEF from Full-Time Faculty	3%	0%	66%	56%	44%
Enrollments	272	283	272	246	189
Capacity (seats available)	223	271	248	289	270
Fill Rate	122%	104%	110%	85%	70%



### Definitions:

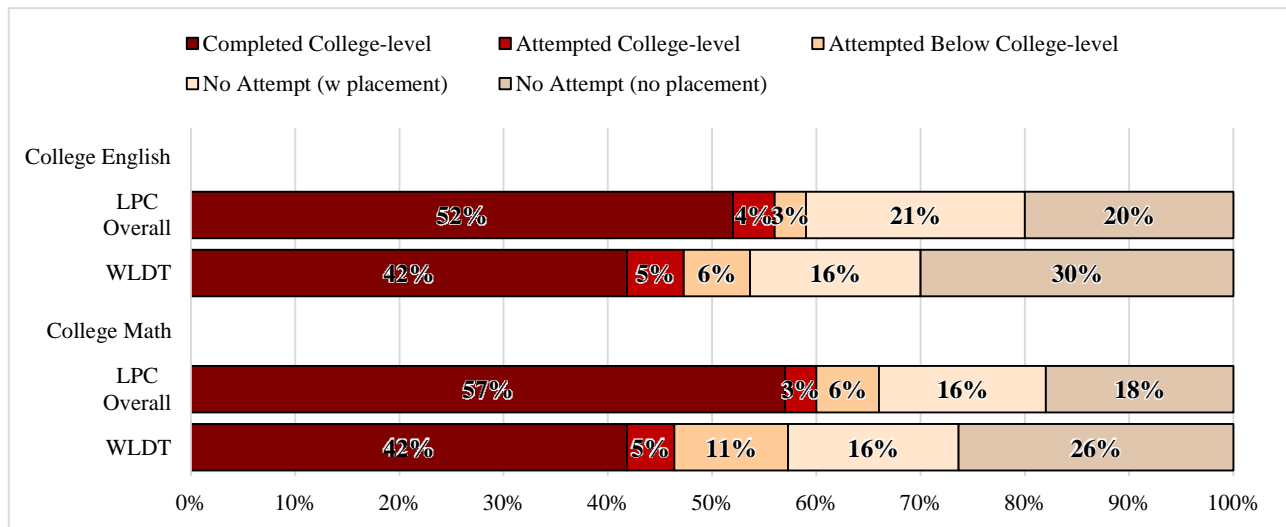
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% 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 7/14/20.

## College Readiness: English & Math Proficiency

Fall 2019				
	WLDT		LPC Overall	
	Num	Pct	Num	Pct
<b>College English</b>				
Completed College-level	46	42%	4,712	52%
Attempted College-level	6	5%	393	4%
Attempted Below College-level	7	6%	261	3%
No Attempt (with placement)	18	16%	1,887	21%
No Attempt (no placement)	33	30%	1,811	20%
<b>College Math</b>				
Completed College-level	46	42%	5,193	57%
Attempted College-level	5	5%	302	3%
Attempted Below College-level	12	11%	538	6%
No Attempt (with placement)	18	16%	1,405	16%
No Attempt (no placement)	29	26%	1,623	18%



### 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 Attempt (w placement)** = no previous English enrollments within the sequence but has used a placement tool.

**No 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 Attempt (w placement)** = no previous Math enrollments within the sequence but has used a placement tool.

**No Attempt (no placement)** = no previous Math enrollments within the sequence and did not utilize a placement tool.