



Las Positas College  
**Program Review Discipline Data Packet**  
Fall 2013 to Fall 2017

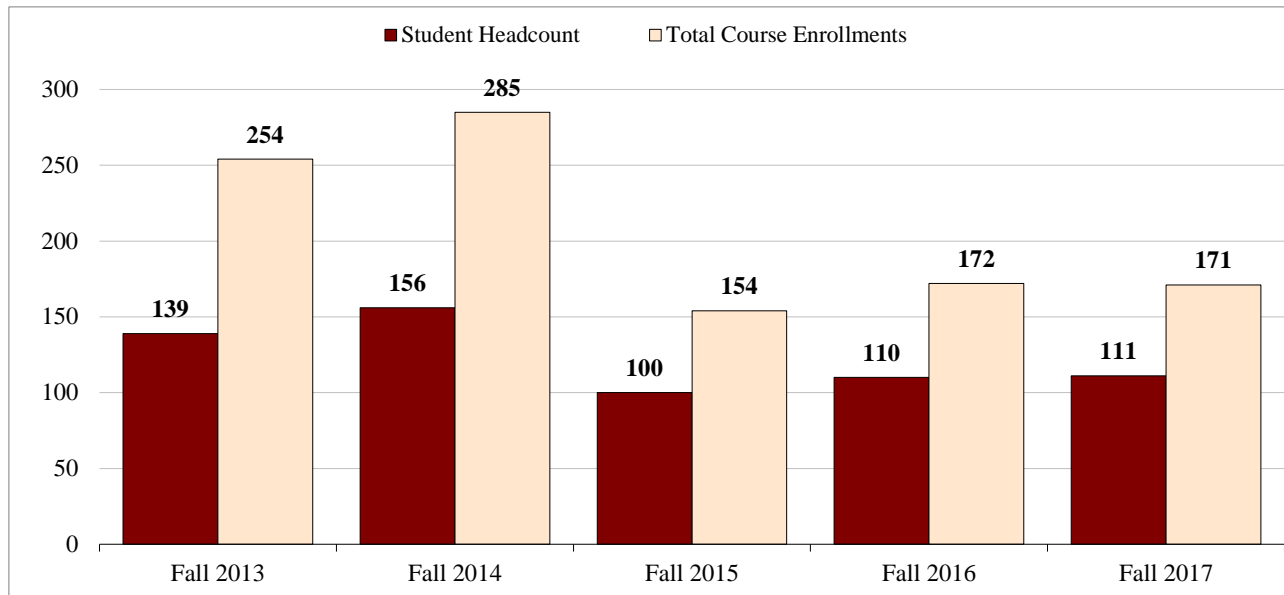
Discipline:

**Computer Networking Technology (CNT)**

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## Headcount & Enrollment

Computer Networking Technology ( CNT )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Student Headcount	139	156	100	110	111
Total Course Enrollments	254	285	154	172	171



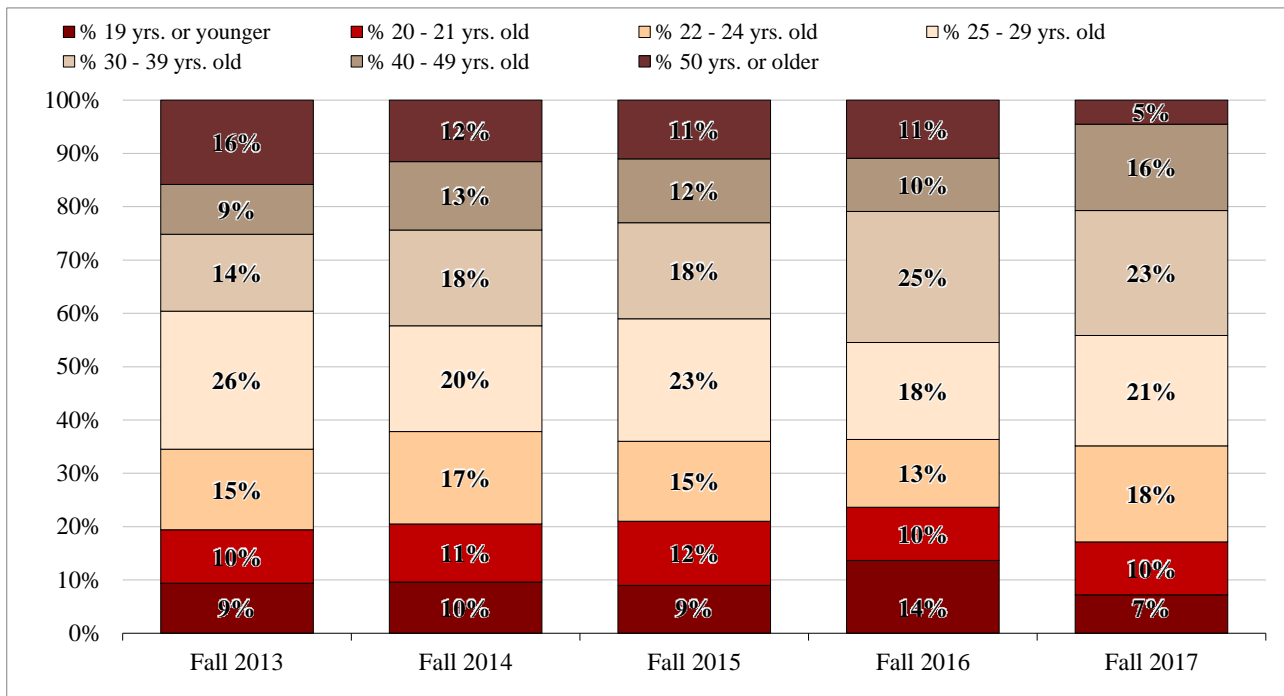
**Definitions:**

**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.

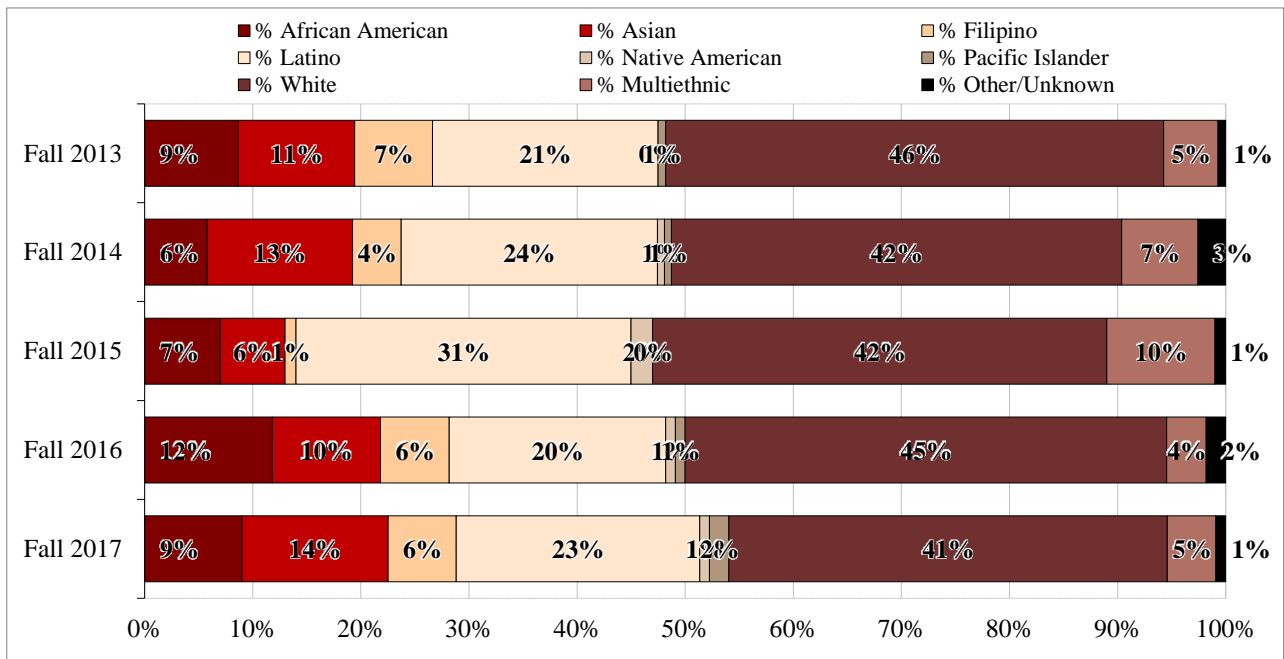
### Student Demographics: Gender & Age

Computer Networking Technology ( CNT )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Female	27	23	19	18	14
Male	111	132	81	91	97
19 yrs. or younger	13	15	9	15	8
20-21 yrs. old	14	17	12	11	11
22-24 yrs. old	21	27	15	14	20
25-29 yrs. old	36	31	23	20	23
30-39 yrs. old	20	28	18	27	26
40-49 yrs. old	13	20	12	11	18
50 yrs. or older	22	18	11	12	5
% Female	20%	15%	19%	17%	13%
% Male	80%	85%	81%	83%	87%
% 19 yrs. or younger	9%	10%	9%	14%	7%
% 20 - 21 yrs. old	10%	11%	12%	10%	10%
% 22 - 24 yrs. old	15%	17%	15%	13%	18%
% 25 - 29 yrs. old	26%	20%	23%	18%	21%
% 30 - 39 yrs. old	14%	18%	18%	25%	23%
% 40 - 49 yrs. old	9%	13%	12%	10%	16%
% 50 yrs. or older	16%	12%	11%	11%	5%



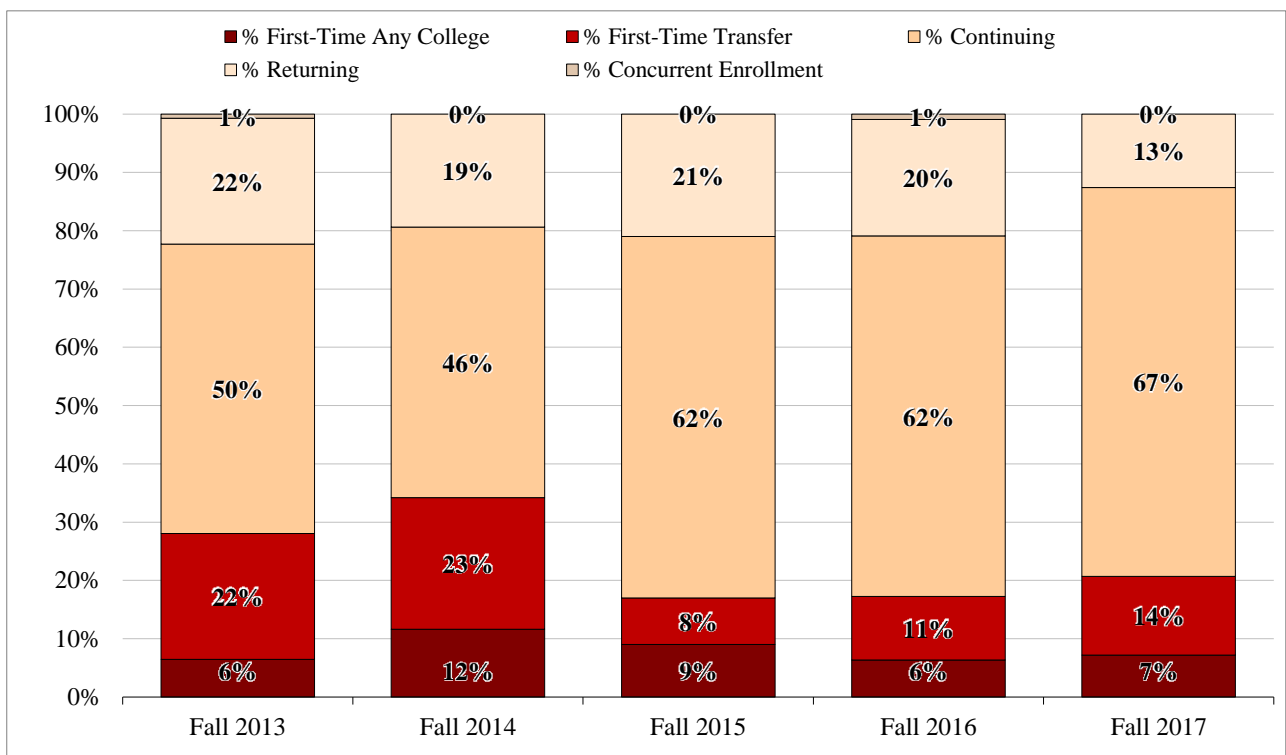
### Student Demographic: Race-Ethnicity

	Computer Networking Technology ( CNT )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
African American	12	9	7	13	10
Asian	15	21	6	11	15
Filipino	10	7	1	7	7
Latino	29	37	31	22	25
Native American	0	1	2	1	1
Pacific Islander	1	1	0	1	2
White	64	65	42	49	45
Multiethnic	7	11	10	4	5
Other/Unknown	1	4	1	2	1
% African American	9%	6%	7%	12%	9%
% Asian	11%	13%	6%	10%	14%
% Filipino	7%	4%	1%	6%	6%
% Latino	21%	24%	31%	20%	23%
% Native American	0%	1%	2%	1%	1%
% Pacific Islander	1%	1%	0%	1%	2%
% White	46%	42%	42%	45%	41%
% Multiethnic	5%	7%	10%	4%	5%
% Other/Unknown	1%	3%	1%	2%	1%



### Student Enrollment Status

Computer Networking Technology ( CNT )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
First-Time Any College	9	18	9	7	8
First-Time Transfer	30	35	8	12	15
Continuing	69	72	62	68	74
Returning	30	30	21	22	14
Concurrent Enrollment	1	0	0	1	0
% First-Time Any College	6%	12%	9%	6%	7%
% First-Time Transfer	22%	23%	8%	11%	14%
% Continuing	50%	46%	62%	62%	67%
% Returning	22%	19%	21%	20%	13%
% Concurrent Enrollment	1%	0%	0%	1%	0%



**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.

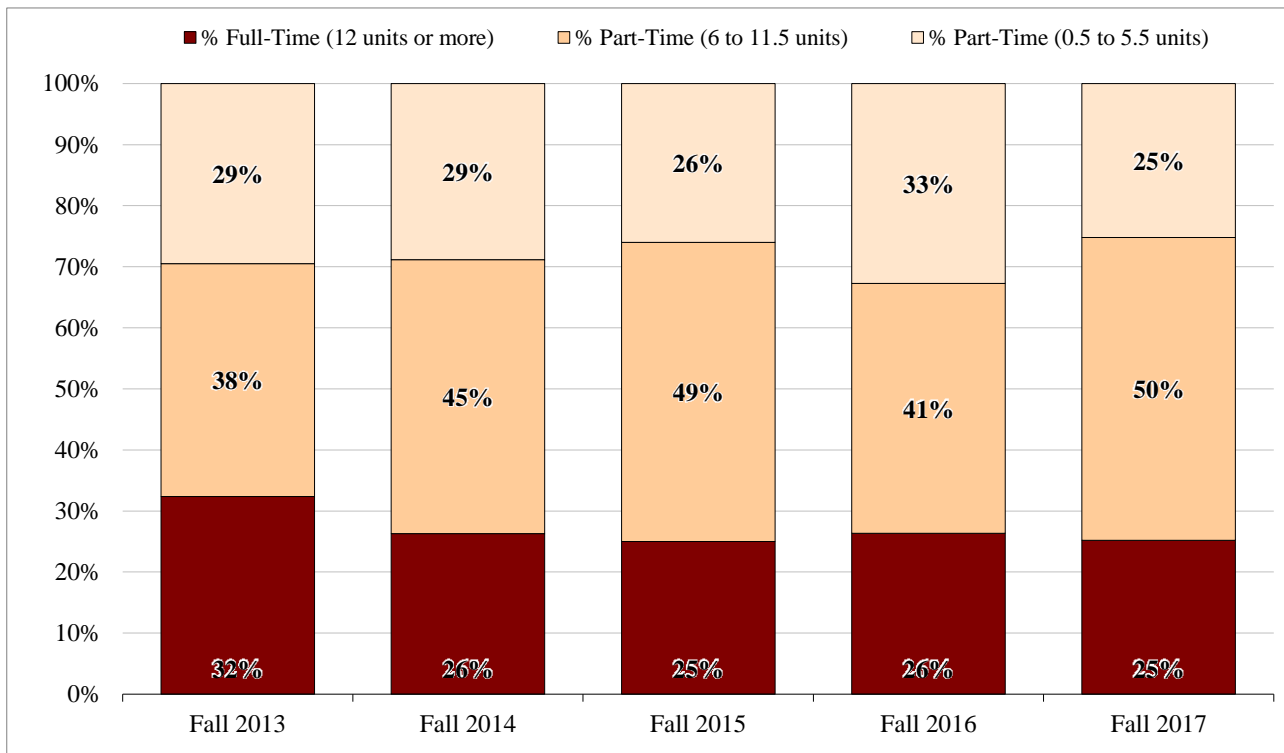
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

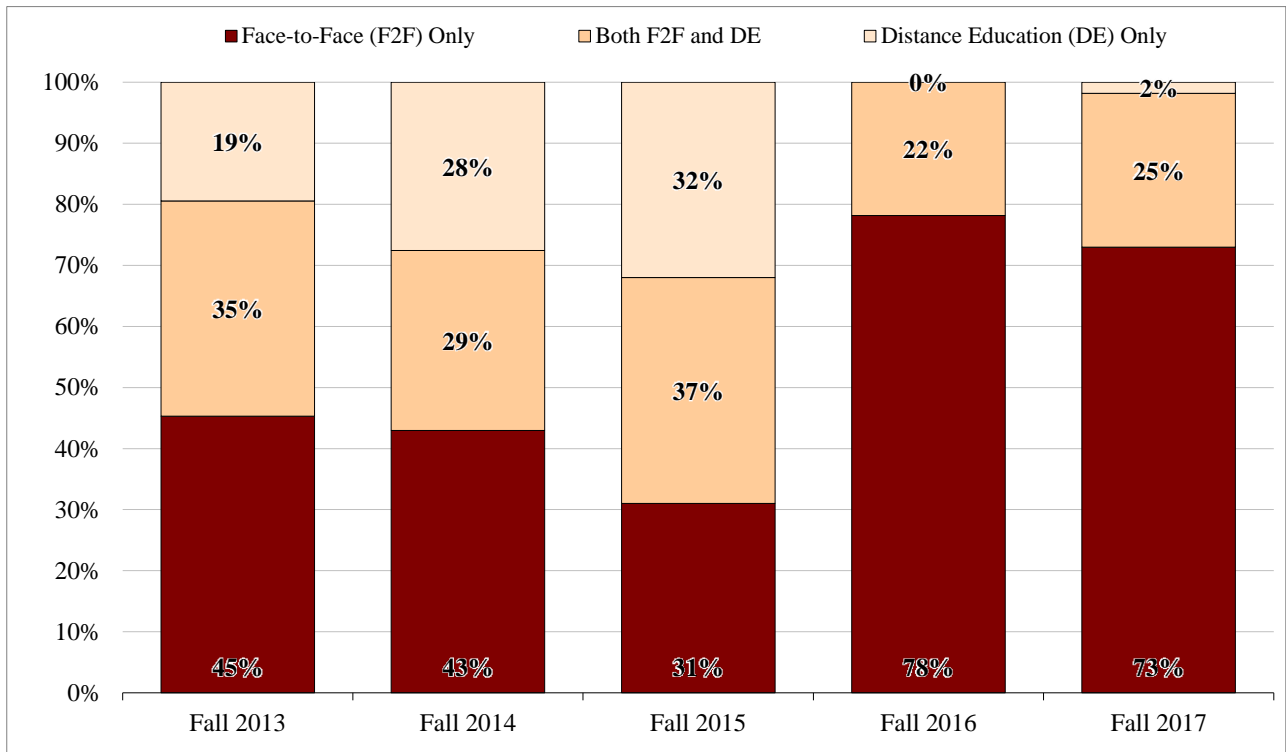
### Student Unit Load

<b>Computer Networking Technology ( CNT )</b>					
	<b>Term</b>				
	<b>Fall 2013</b>	<b>Fall 2014</b>	<b>Fall 2015</b>	<b>Fall 2016</b>	<b>Fall 2017</b>
Full-Time (12 units or more)	45	41	25	29	28
Part-Time (6 to 11.5 units)	53	70	49	45	55
Part-Time (0.5 to 5.5 units)	41	45	26	36	28
% Full-Time (12 units or more)	32%	26%	25%	26%	25%
% Part-Time (6 to 11.5 units)	38%	45%	49%	41%	50%
% Part-Time (0.5 to 5.5 units)	29%	29%	26%	33%	25%



### Students Using Distance Education

Computer Networking Technology ( CNT )					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Face-to-Face (F2F) Only	63	67	31	86	81
Both F2F and DE	49	46	37	24	28
Distance Education (DE) Only	27	43	32	0	2
% Face-to-Face (F2F) Only	45%	43%	31%	78%	73%
% Both F2F and DE	35%	29%	37%	22%	25%
% Distance Education (DE) Only	19%	28%	32%	0%	2%

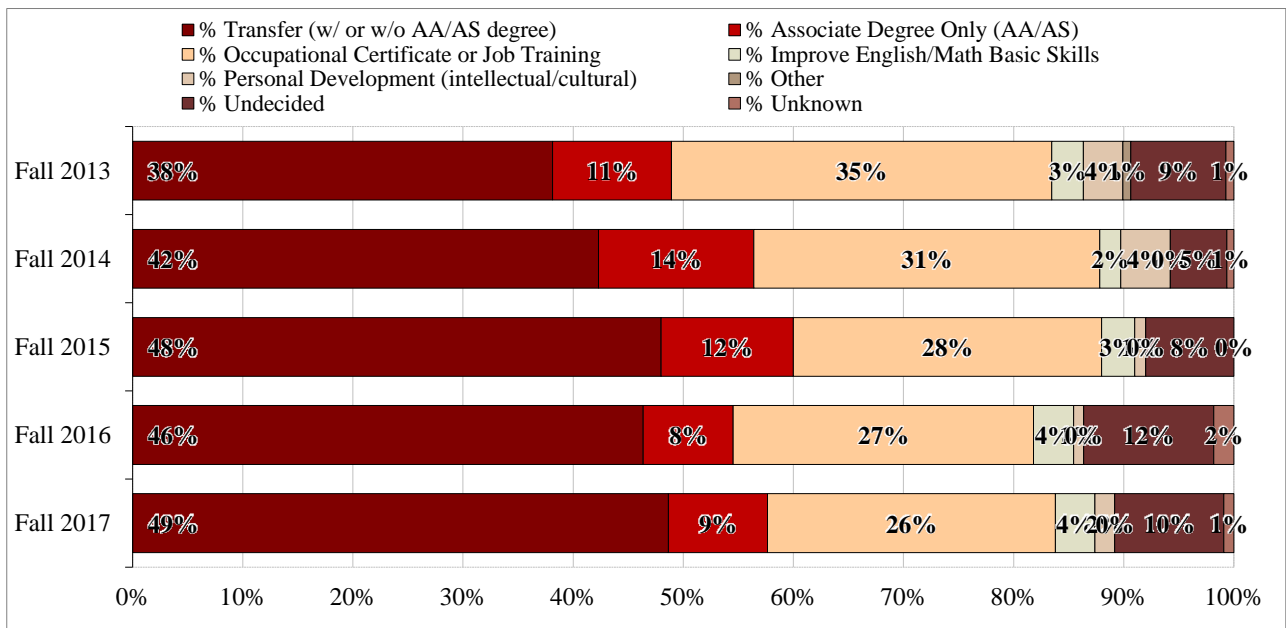


**Definitions:**

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

### Student Educational Goal

	Computer Networking Technology ( CNT )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Transfer (w/ or w/o AA/AS degree)	53	66	48	51	54
Associate Degree Only (AA/AS)	15	22	12	9	10
Occupational Certificate or Job Training	48	49	28	30	29
Improve English/Math Basic Skills	4	3	3	4	4
Personal Development (intellectual/cultural)	5	7	1	1	2
Other	1	0	0	0	0
Undecided	12	8	8	13	11
Unknown	1	1	0	2	1
% Transfer (w/ or w/o AA/AS degree)	38%	42%	48%	46%	49%
% Associate Degree Only (AA/AS)	11%	14%	12%	8%	9%
% Occupational Certificate or Job Training	35%	31%	28%	27%	26%
% Improve English/Math Basic Skills	3%	2%	3%	4%	4%
% Personal Development (intellectual/cultural)	4%	4%	1%	1%	2%
% Other	1%	0%	0%	0%	0%
% Undecided	9%	5%	8%	12%	10%
% Unknown	1%	1%	0%	2%	1%



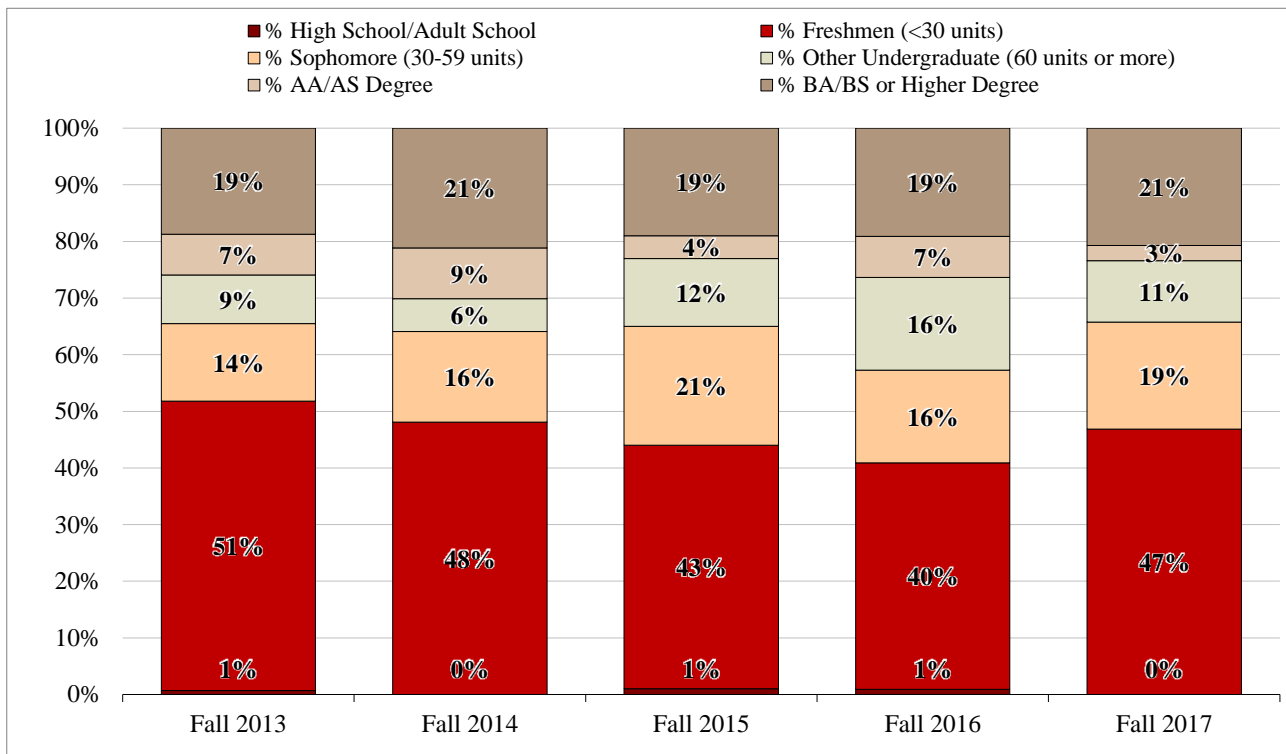
**Definitions:**

- 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.



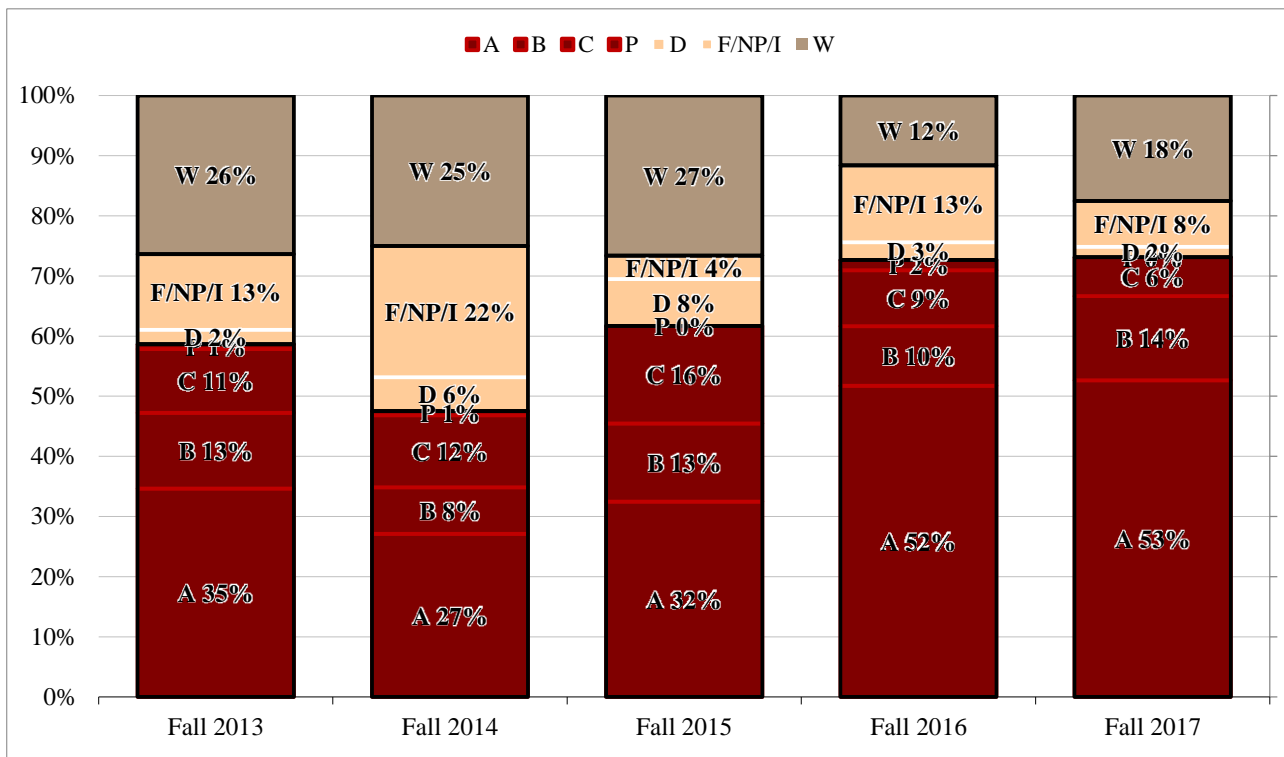
### Highest Educational Level of Students

	Computer Networking Technology ( CNT )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
High School/Adult School	1	0	1	1	0
Freshmen (<30 units)	71	75	43	44	52
Sophomore (30-59 units)	19	25	21	18	21
Other Undergraduate (60 units or more)	12	9	12	18	12
AA/AS Degree	10	14	4	8	3
BA/BS or Higher Degree	26	33	19	21	23
% High School/Adult School	1%	0%	1%	1%	0%
% Freshmen (<30 units)	51%	48%	43%	40%	47%
% Sophomore (30-59 units)	14%	16%	21%	16%	19%
% Other Undergraduate (60 units or more)	9%	6%	12%	16%	11%
% AA/AS Degree	7%	9%	4%	7%	3%
% BA/BS or Higher Degree	19%	21%	19%	19%	21%



### Student Performance: Grade Distribution

Computer Networking Technology ( CNT )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
<b>Total Course Enrollments</b>	<b>254</b>	<b>285</b>	<b>154</b>	<b>172</b>	<b>171</b>
<b>Course Success Rates</b>	<b>59%</b>	<b>48%</b>	<b>62%</b>	<b>73%</b>	<b>73%</b>
A	35%	27%	32%	52%	53%
B	13%	8%	13%	10%	14%
C	11%	12%	16%	9%	6%
P	1%	1%	0%	2%	0%
<b>Course Non-Success Rate</b>	<b>15%</b>	<b>27%</b>	<b>12%</b>	<b>16%</b>	<b>9%</b>
D	2%	6%	8%	3%	2%
F/NP/I	13%	22%	4%	13%	8%
<b>Withdrawals (W)</b>	<b>26%</b>	<b>25%</b>	<b>27%</b>	<b>12%</b>	<b>18%</b>



**Definitions:**

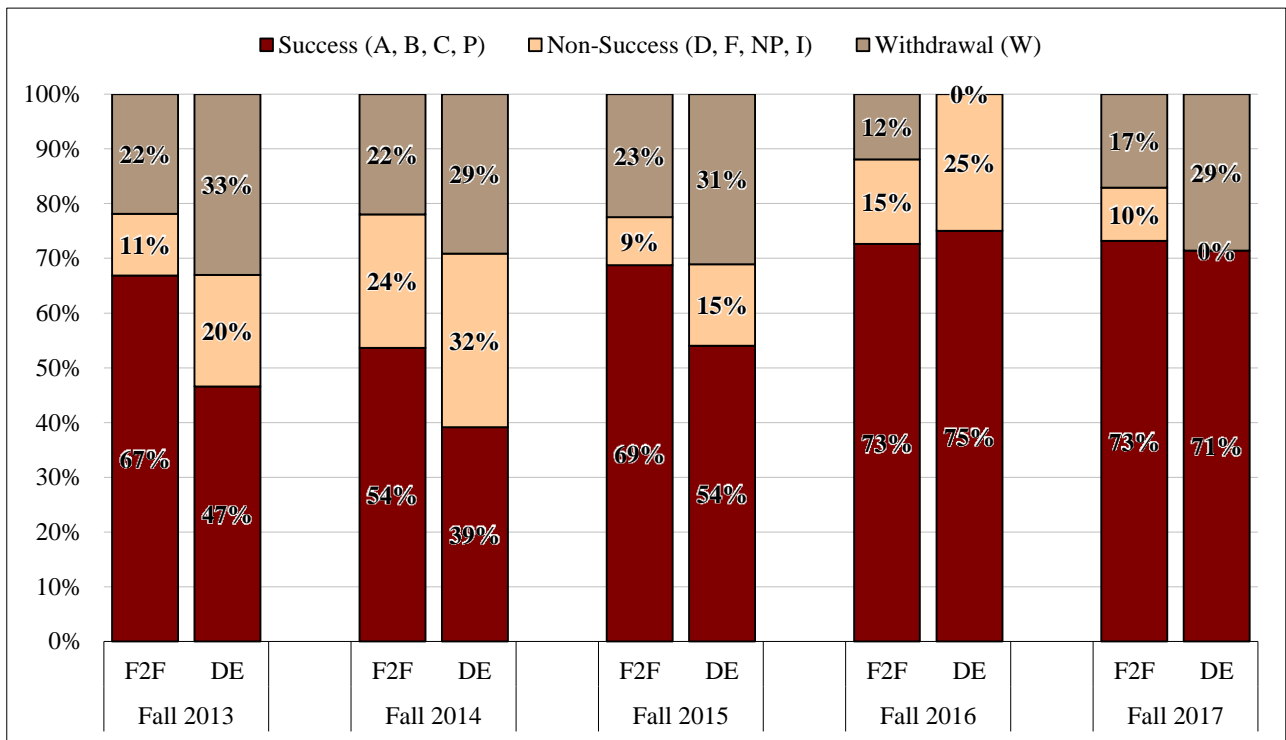
**Course Success Rate** is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

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

### Student Performance: Distance Education

Computer Networking Technology ( CNT )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
<b>Total Course Enrollments</b>	<b>254</b>	<b>285</b>	<b>154</b>	<b>172</b>	<b>171</b>
<b>Face-to-Face (F2F) Sections</b>	<b>151</b>	<b>164</b>	<b>80</b>	<b>168</b>	<b>164</b>
Success Rates	67%	54%	69%	73%	73%
Non-Success Rates	11%	24%	9%	15%	10%
Withdrawals	22%	22%	23%	12%	17%
<b>Distance Education (DE) Sections</b>	<b>103</b>	<b>121</b>	<b>74</b>	<b>4</b>	<b>7</b>
Success Rates	47%	39%	54%	75%	71%
Non-Success Rates	20%	32%	15%	25%	0%
Withdrawals	33%	29%	31%	0%	29%

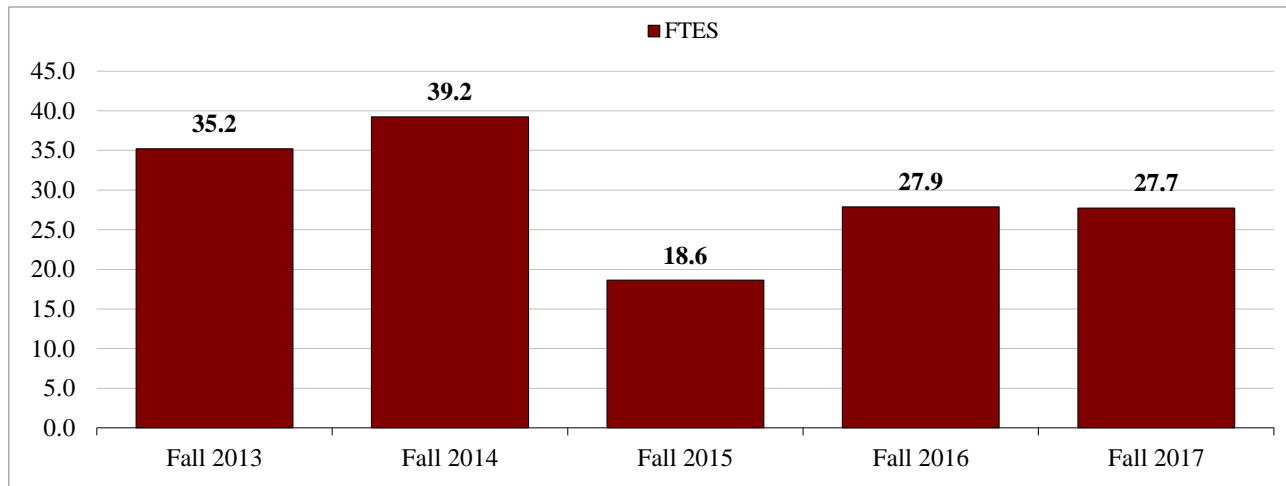
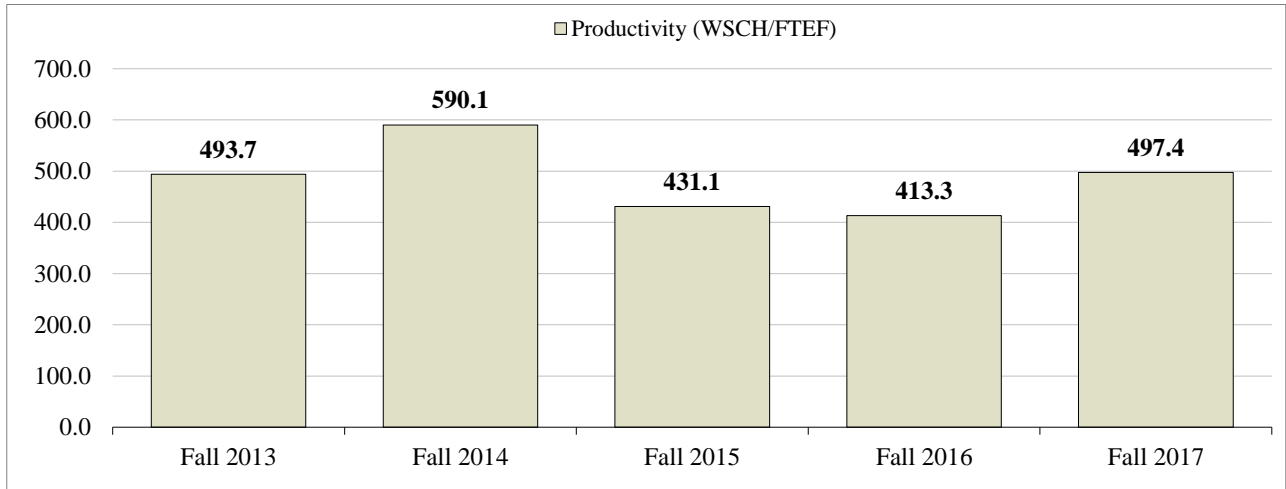


**Definitions:**

- 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

	Computer Networking Technology ( CNT )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
WSCH	1,094	1,228	563	837	870
FTEs	35.2	39.2	18.6	27.9	27.7
FTEF	2.2	2.1	1.3	2.0	1.7
Productivity (WSCH/FTEF)	493.7	590.1	431.1	413.3	497.4



**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.

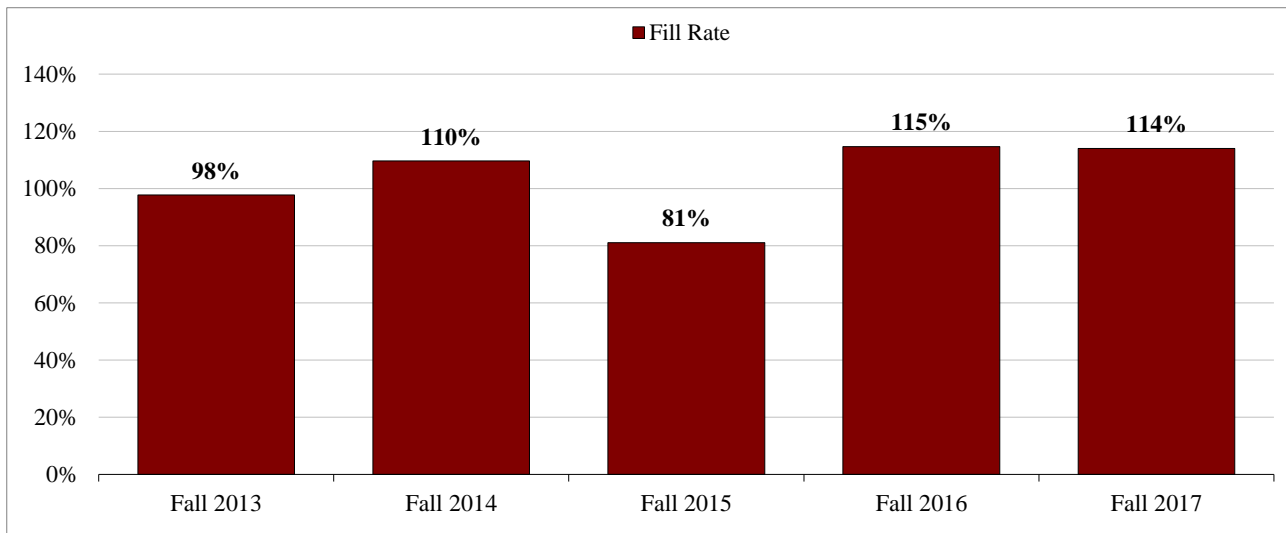
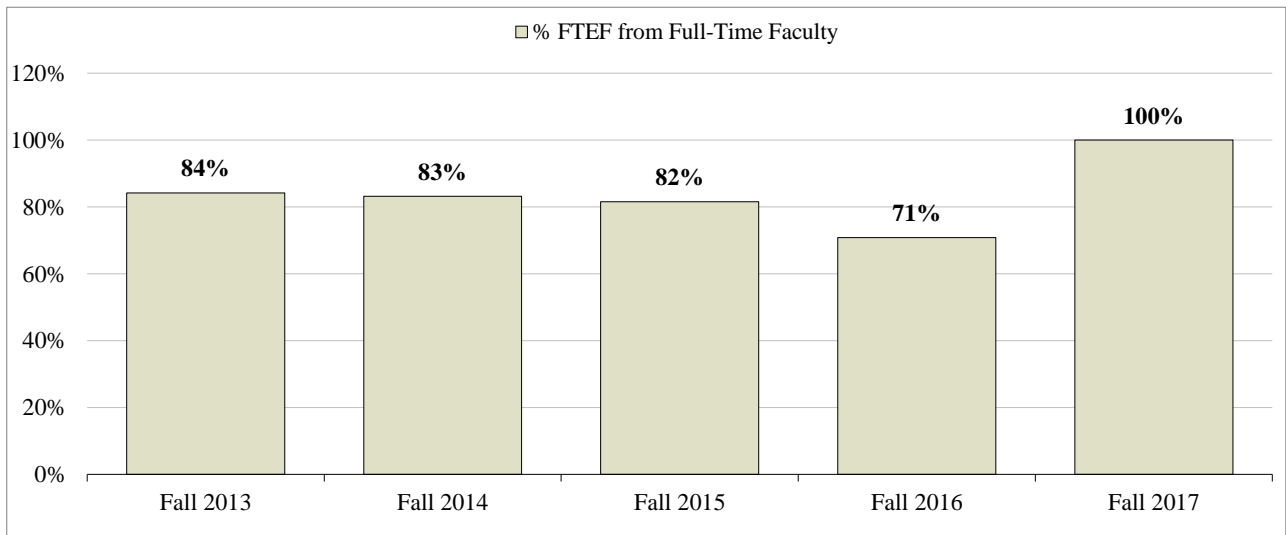
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**Productivity** is the ratio of WSCH to FTEF and a standard measure of discipline efficiency.

**Note:** Enrollment Management data includes all credit courses accounted for during the respective academic terms; data accessed on 5/15/18.

## Enrollment Management: Part 2

	Computer Networking Technology ( CNT )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
FTEF from Full-Time Faculty	1.9	1.7	1.1	1.4	1.7
% FTEF from Full-Time Faculty	84%	83%	82%	71%	100%
Enrollments	254	285	154	172	171
Capacity (seats available)	260	260	190	150	150
Fill Rate	98%	110%	81%	115%	114%



**Definitions:**

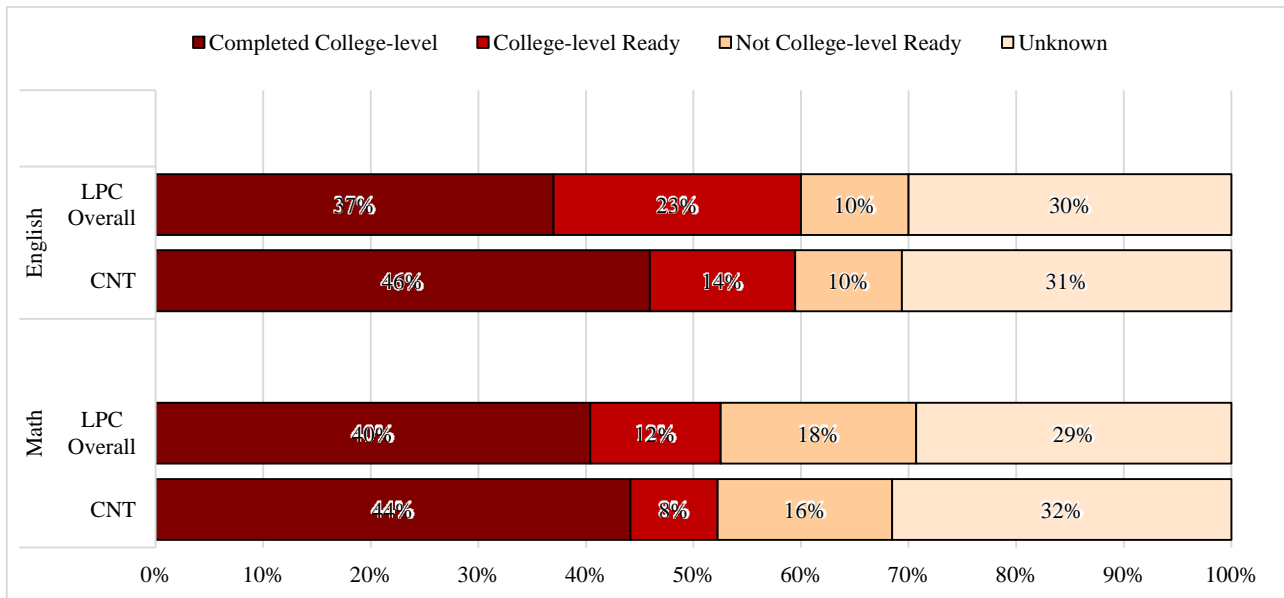
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% 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 includes all credit courses accounted for during the respective academic terms; data accessed on 5/15/18.

## College Readiness: English & Math Proficiency

Fall 2017				
	CNT		LPC Overall	
	Num	Pct	Num	Pct
<b>College English</b>				
Completed College-level	51	46%	3,485	37%
College-level Ready	15	14%	2,141	23%
Not College-level Ready	11	11%	904	10%
Unknown	34	31%	2,842	30%
<b>College Math</b>				
Completed College-level	49	44%	3,738	40%
College-level Ready	9	8%	1,138	12%
Not College-level Ready	18	16%	1,733	18%
Unknown	35	32%	2,763	29%



**Definitions:**

**College English**

- Completed College-level** is defined as successfully completed ENG 1A or higher, or has earned at least an Associates degree.
- College-level Ready** is defined as anyone who is eligible for ENG 1A but has not successfully completed the course.
- Not College-level Ready** is defined as anyone who is not eligible for ENG 1A but has not successfully completed the course.
- Unknown** is defined as anyone with no previous English enrollments within the sequence and no previous English assessment.

**College Math**

- Completed College-level** is defined as successfully completed Math 55 or higher or assessed into Transfer-level Math, or has earned at least an Associates degree.
- College-level Ready** is defined as anyone who is eligible for MATH 55 but has not yet successfully complete the course.
- Not College-level Ready** is defined as anyone who is not eligible for MATH 55 but has not yet successfully complete the course.
- Unknown** is defined as anyone with no previous Math enrollments within the sequence and no previous Math assessment.