



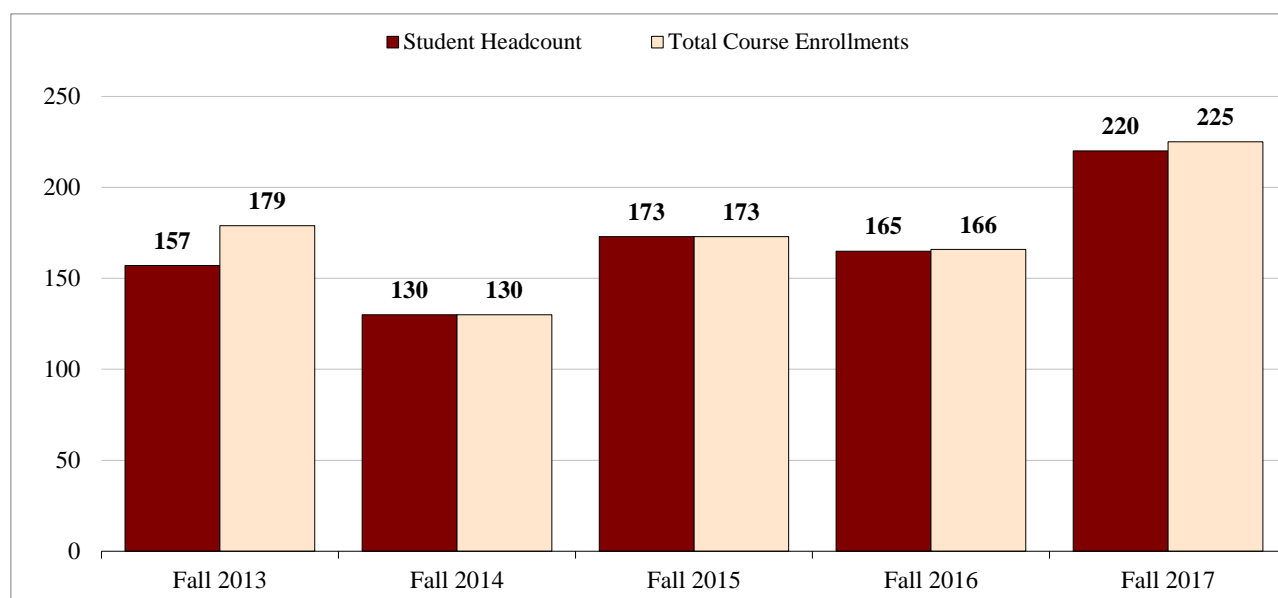
Las Positas College  
**Program Review Discipline Data Packet**  
Fall 2013 to Fall 2017

Discipline:  
**Physics (PHYS)**

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## Headcount & Enrollment

	Physics ( PHYS )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Student Headcount	157	130	173	165	220
Total Course Enrollments	179	130	173	166	225



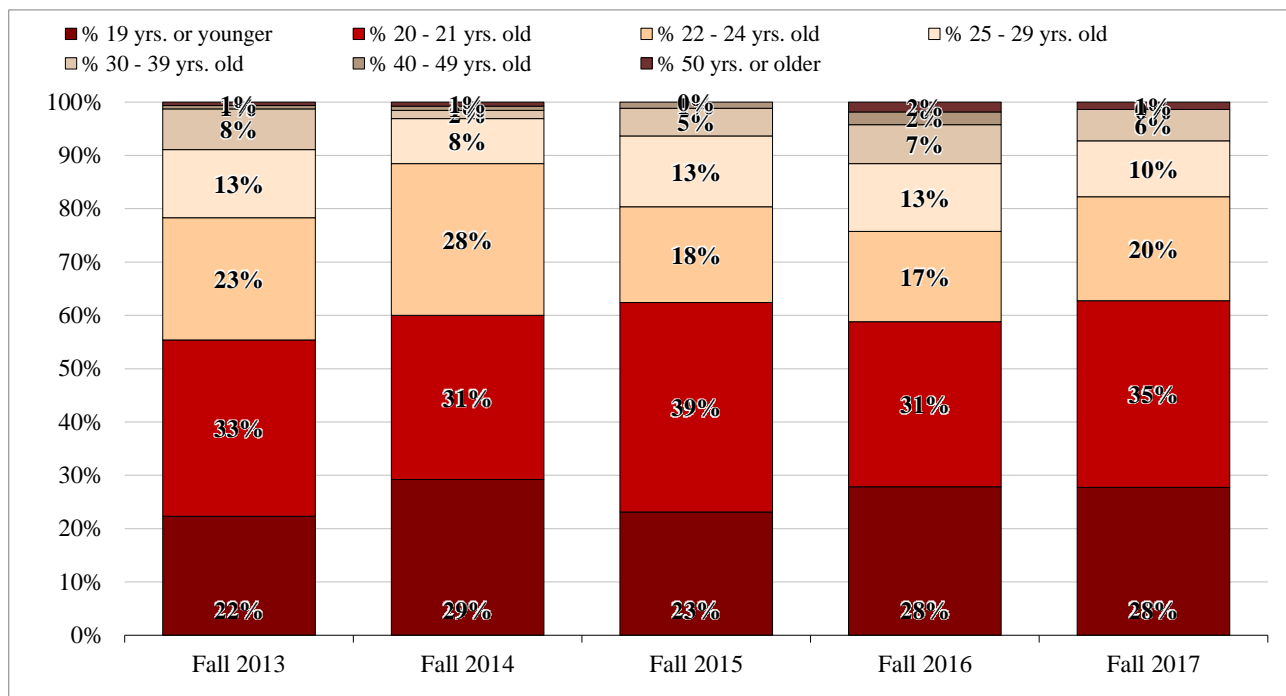
### Definitions:

**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.

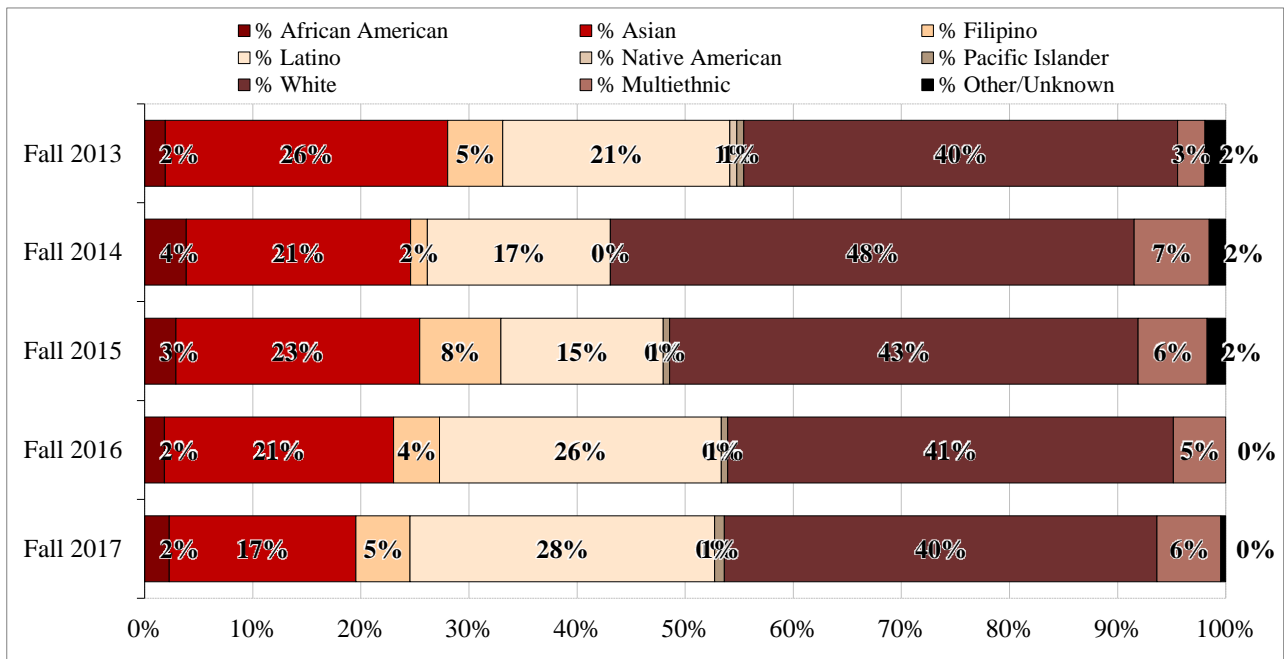
## Student Demographics: Gender & Age

	Physics ( PHYS )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Female	54	26	34	48	53
Male	100	104	137	115	166
19 yrs. or younger	35	38	40	46	61
20-21 yrs. old	52	40	68	51	77
22-24 yrs. old	36	37	31	28	43
25-29 yrs. old	20	11	23	21	23
30-39 yrs. old	12	2	9	12	13
40-49 yrs. old	1	1	2	4	0
50 yrs. or older	1	1	0	3	3
% Female	35%	20%	20%	29%	24%
% Male	65%	80%	80%	71%	76%
% 19 yrs. or younger	22%	29%	23%	28%	28%
% 20 - 21 yrs. old	33%	31%	39%	31%	35%
% 22 - 24 yrs. old	23%	28%	18%	17%	20%
% 25 - 29 yrs. old	13%	8%	13%	13%	10%
% 30 - 39 yrs. old	8%	2%	5%	7%	6%
% 40 - 49 yrs. old	1%	1%	1%	2%	0%
% 50 yrs. or older	1%	1%	0%	2%	1%



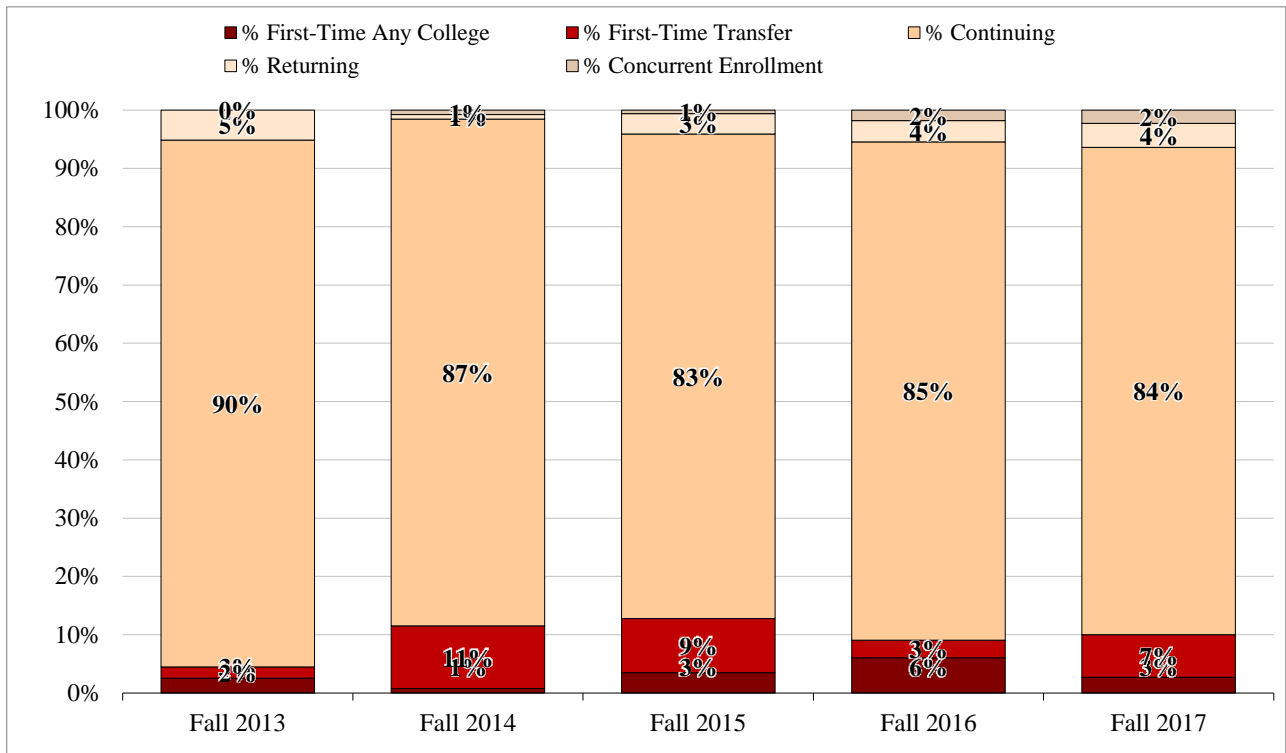
## Student Demographic: Race-Ethnicity

Physics ( PHYS )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
African American	3	5	5	3	5
Asian	41	27	39	35	38
Filipino	8	2	13	7	11
Latino	33	22	26	43	62
Native American	1	0	0	0	0
Pacific Islander	1	0	1	1	2
White	63	63	75	68	88
Multiethnic	4	9	11	8	13
Other/Unknown	3	2	3	0	1
% African American	2%	4%	3%	2%	2%
% Asian	26%	21%	23%	21%	17%
% Filipino	5%	2%	8%	4%	5%
% Latino	21%	17%	15%	26%	28%
% Native American	1%	0%	0%	0%	0%
% Pacific Islander	1%	0%	1%	1%	1%
% White	40%	48%	43%	41%	40%
% Multiethnic	3%	7%	6%	5%	6%
% Other/Unknown	2%	2%	2%	0%	<1%



## Student Enrollment Status

Physics ( PHYS )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
First-Time Any College	4	1	6	10	6
First-Time Transfer	3	14	16	5	16
Continuing	141	113	143	141	184
Returning	8	1	6	6	9
Concurrent Enrollment	0	1	1	3	5
% First-Time Any College	3%	1%	3%	6%	3%
% First-Time Transfer	2%	11%	9%	3%	7%
% Continuing	90%	87%	83%	85%	84%
% Returning	5%	1%	3%	4%	4%
% Concurrent Enrollment	0%	1%	1%	2%	2%



### 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.

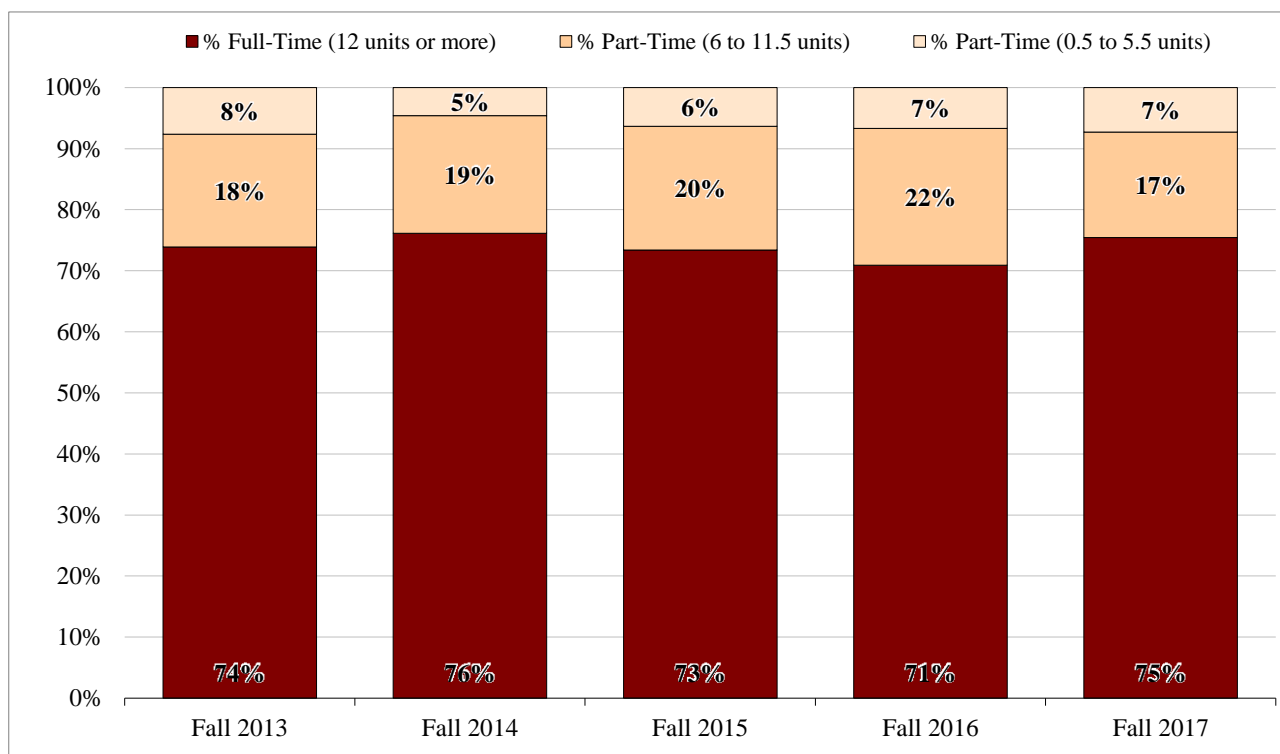
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

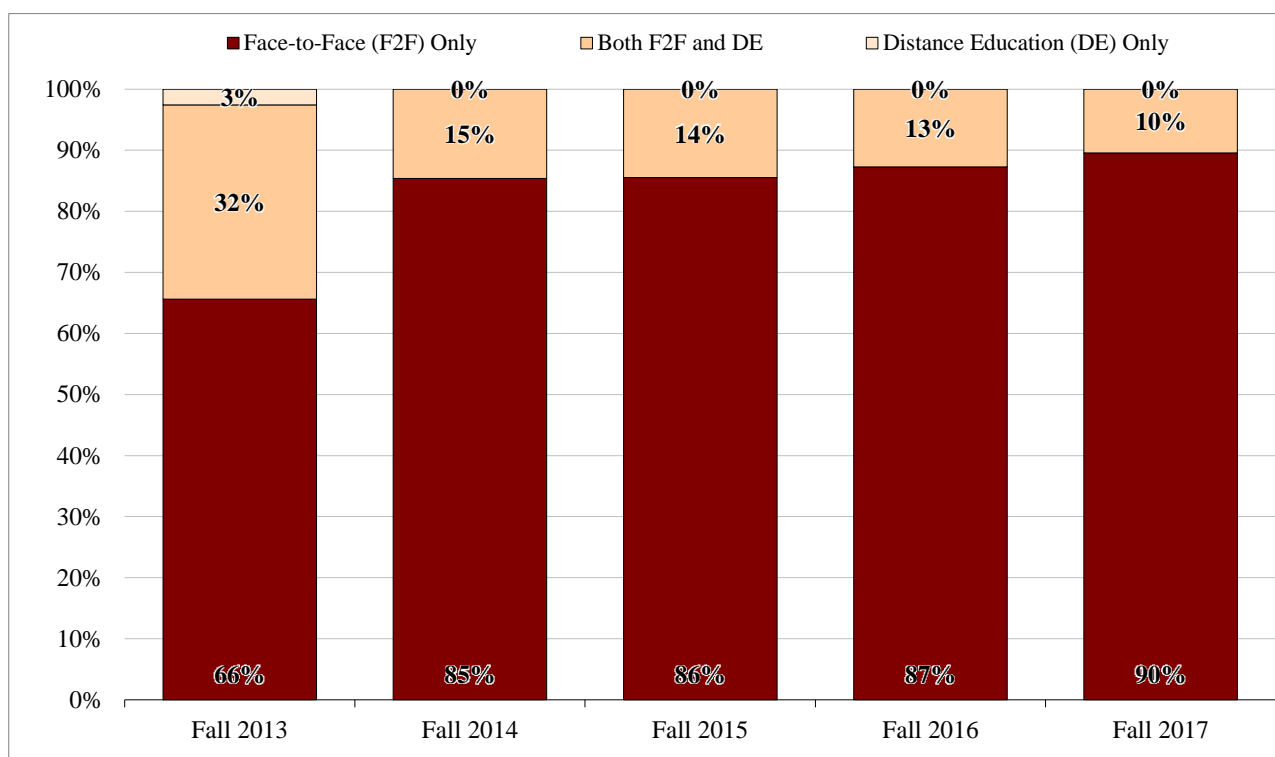
## Student Unit Load

Physics ( PHYS )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Full-Time (12 units or more)	116	99	127	117	166
Part-Time (6 to 11.5 units)	29	25	35	37	38
Part-Time (0.5 to 5.5 units)	12	6	11	11	16
% Full-Time (12 units or more)	74%	76%	73%	71%	75%
% Part-Time (6 to 11.5 units)	18%	19%	20%	22%	17%
% Part-Time (0.5 to 5.5 units)	8%	5%	6%	7%	7%



## Students Using Distance Education

Physics ( PHYS )					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Face-to-Face (F2F) Only	103	111	148	144	197
Both F2F and DE	50	19	25	21	23
Distance Education (DE) Only	4	0	0	0	0
% Face-to-Face (F2F) Only	66%	85%	86%	87%	90%
% Both F2F and DE	32%	15%	14%	13%	10%
% Distance Education (DE) Only	3%	0%	0%	0%	0%

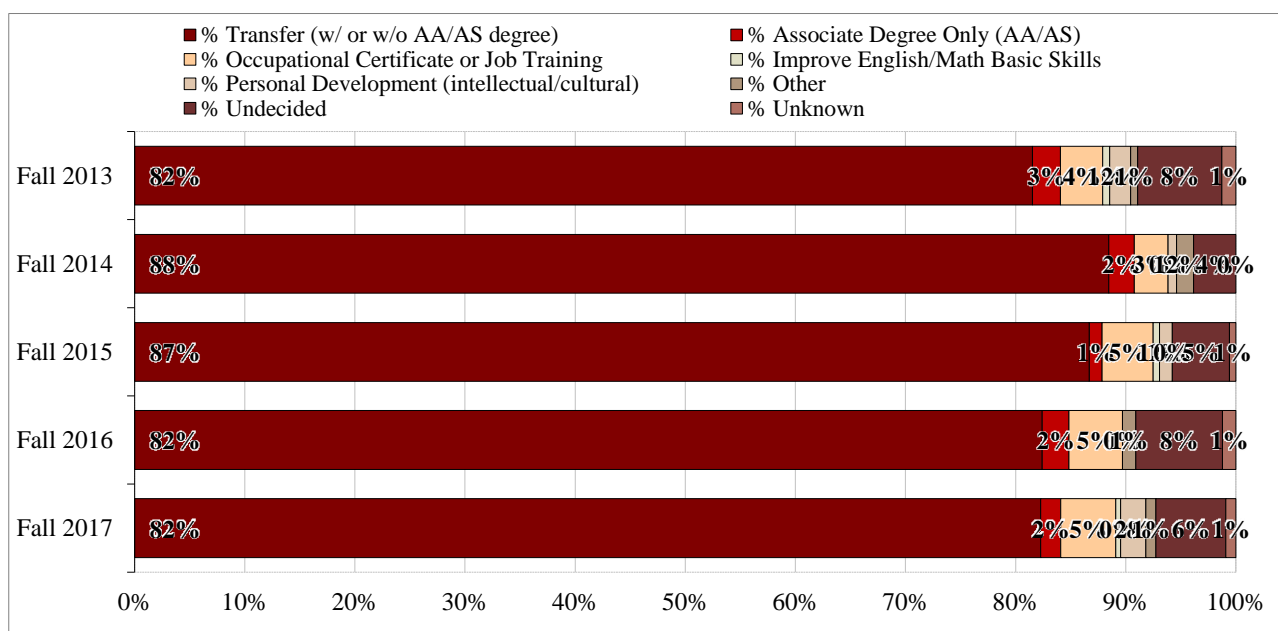


**Definitions:**

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

## Student Educational Goal

Physics ( PHYS )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Transfer (w/ or w/o AA/AS degree)	128	115	150	136	181
Associate Degree Only (AA/AS)	4	3	2	4	4
Occupational Certificate or Job Training	6	4	8	8	11
Improve English/Math Basic Skills	1	0	1	0	1
Personal Development (intellectual/cultural)	3	1	2	0	5
Other	1	2	0	2	2
Undecided	12	5	9	13	14
Unknown	2	0	1	2	2
% Transfer (w/ or w/o AA/AS degree)	82%	88%	87%	82%	82%
% Associate Degree Only (AA/AS)	3%	2%	1%	2%	2%
% Occupational Certificate or Job Training	4%	3%	5%	5%	5%
% Improve English/Math Basic Skills	1%	0%	1%	0%	<1%
% Personal Development (intellectual/cultural)	2%	1%	1%	0%	2%
% Other	1%	2%	0%	1%	1%
% Undecided	8%	4%	5%	8%	6%
% Unknown	1%	0%	1%	1%	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.

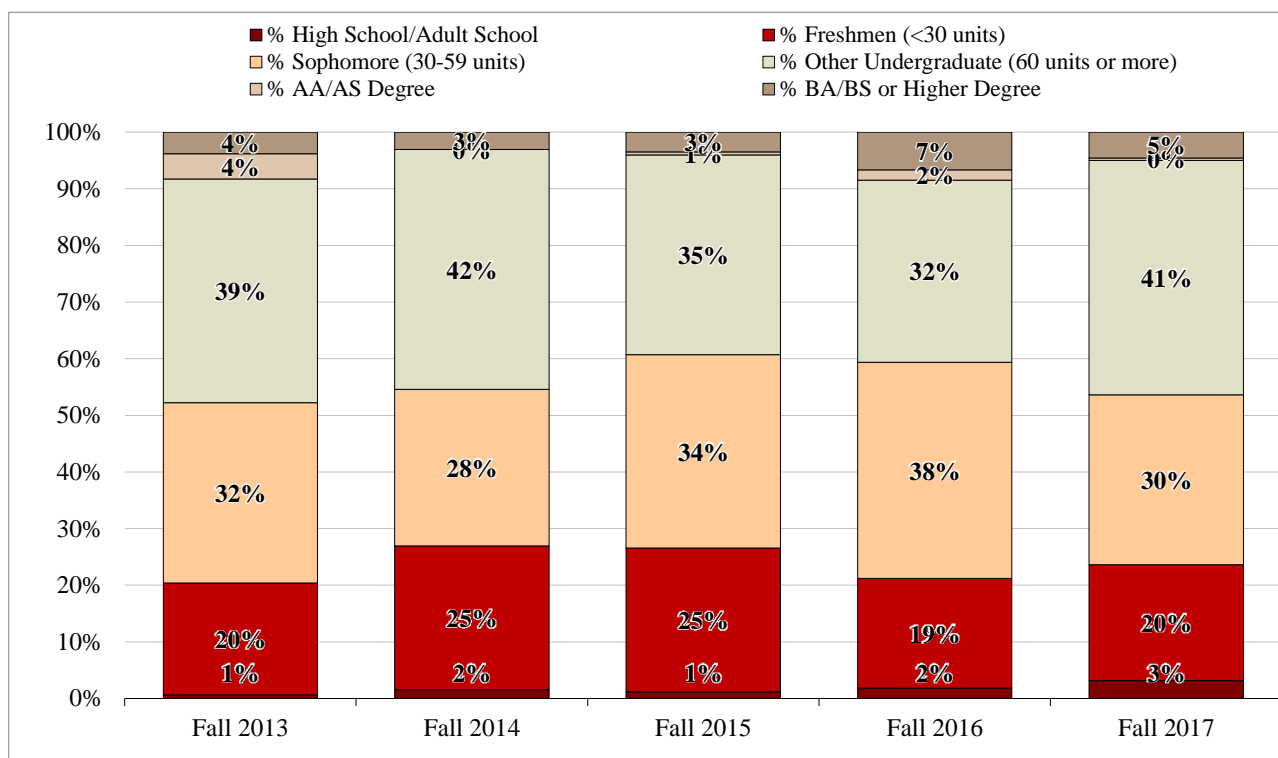
**Personal Development:** Students taking courses for intellectual and/or cultural development.

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



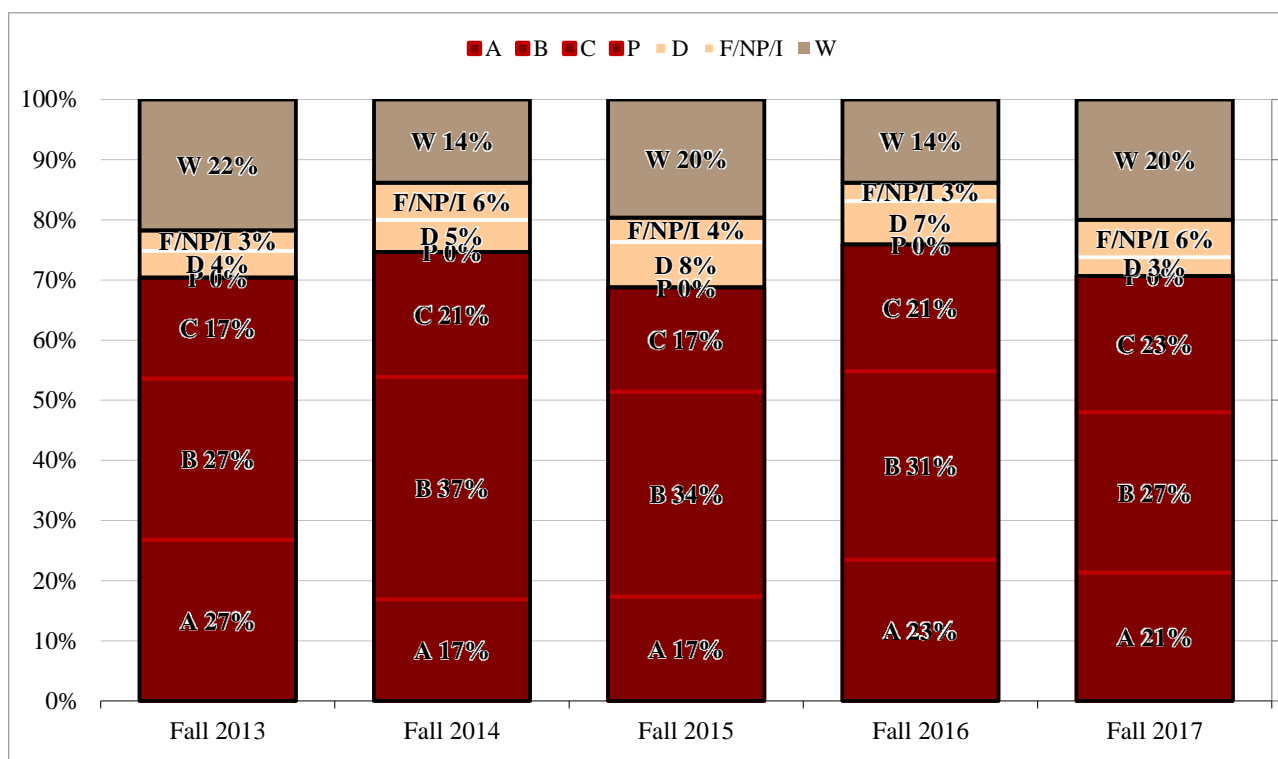
## Highest Educational Level of Students

Physics ( PHYS )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
High School/Adult School	1	2	2	3	7
Freshmen (<30 units)	31	33	44	32	45
Sophomore (30-59 units)	50	36	59	63	66
Other Undergraduate (60 units or more)	62	55	61	53	91
AA/AS Degree	7	0	1	3	1
BA/BS or Higher Degree	6	4	6	11	10
% High School/Adult School	1%	2%	1%	2%	3%
% Freshmen (<30 units)	20%	25%	25%	19%	20%
% Sophomore (30-59 units)	32%	28%	34%	38%	30%
% Other Undergraduate (60 units or more)	39%	42%	35%	32%	41%
% AA/AS Degree	4%	0%	1%	2%	<1%
% BA/BS or Higher Degree	4%	3%	3%	7%	5%



## Student Performance: Grade Distribution

Physics ( PHYS )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
<b>Total Course Enrollments</b>	<b>179</b>	<b>130</b>	<b>173</b>	<b>166</b>	<b>225</b>
<b>Course Success Rates</b>	<b>70%</b>	<b>75%</b>	<b>69%</b>	<b>76%</b>	<b>71%</b>
A	27%	17%	17%	23%	21%
B	27%	37%	34%	31%	27%
C	17%	21%	17%	21%	23%
P	0%	0%	0%	0%	0%
<b>Course Non-Success Rate</b>	<b>8%</b>	<b>12%</b>	<b>12%</b>	<b>10%</b>	<b>9%</b>
D	4%	5%	8%	7%	3%
F/NP/I	3%	6%	4%	3%	6%
<b>Withdrawals (W)</b>	<b>22%</b>	<b>14%</b>	<b>20%</b>	<b>14%</b>	<b>20%</b>



### Definitions:

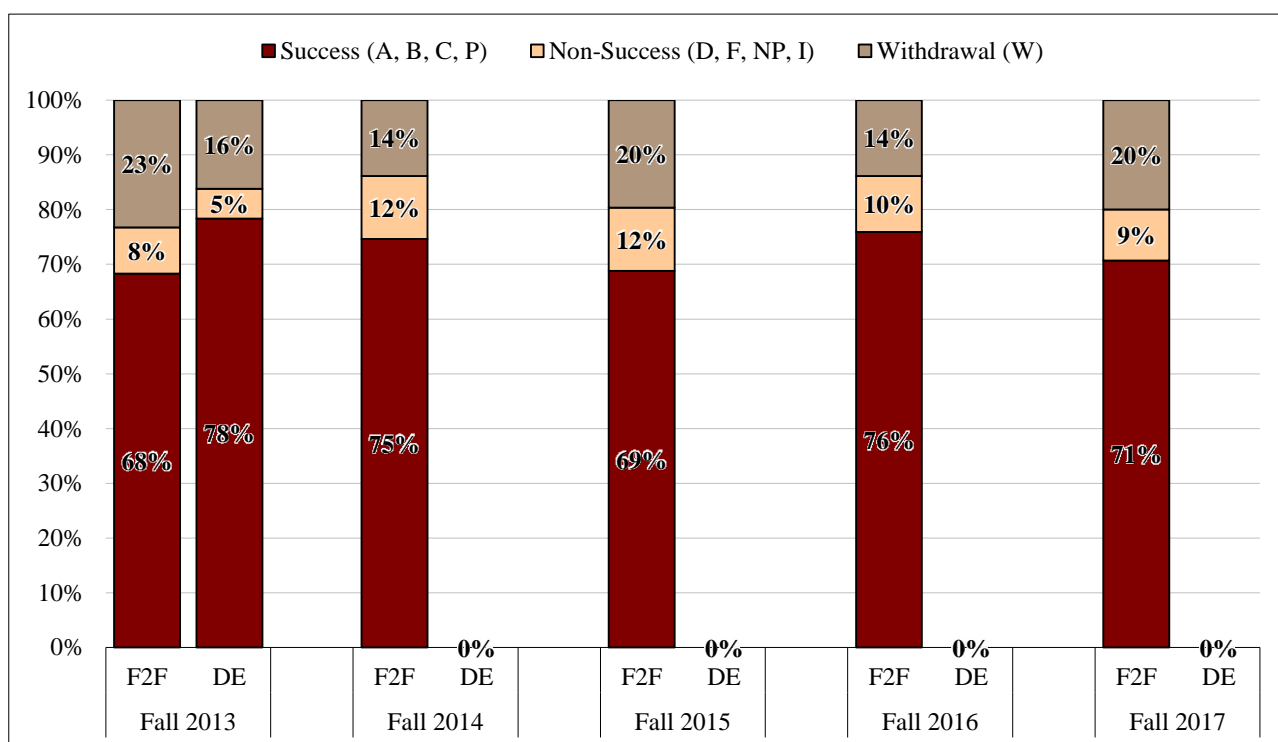
**Course Success Rate** is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

**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

Physics ( PHYS )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
<b>Total Course Enrollments</b>	<b>179</b>	<b>130</b>	<b>173</b>	<b>166</b>	<b>225</b>
<b>Face-to-Face (F2F) Sections</b>	<b>142</b>	<b>130</b>	<b>173</b>	<b>166</b>	<b>225</b>
Success Rates	68%	75%	69%	76%	71%
Non-Success Rates	8%	12%	12%	10%	9%
Withdrawals	23%	14%	20%	14%	20%
<b>Distance Education (DE) Sections</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Success Rates	78%	—	—	—	—
Non-Success Rates	5%	—	—	—	—
Withdrawals	16%	—	—	—	—



**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.

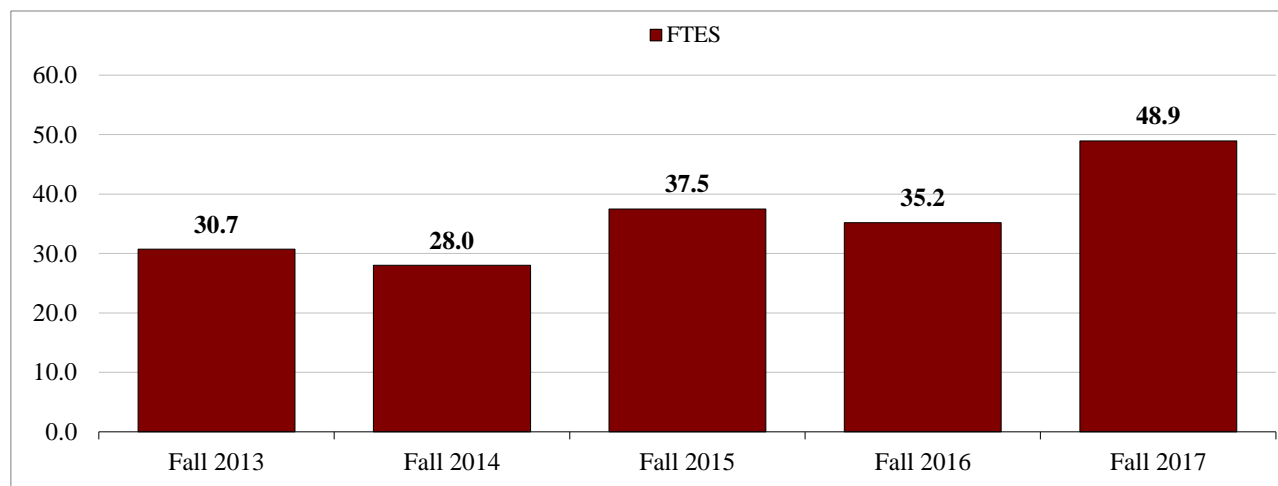
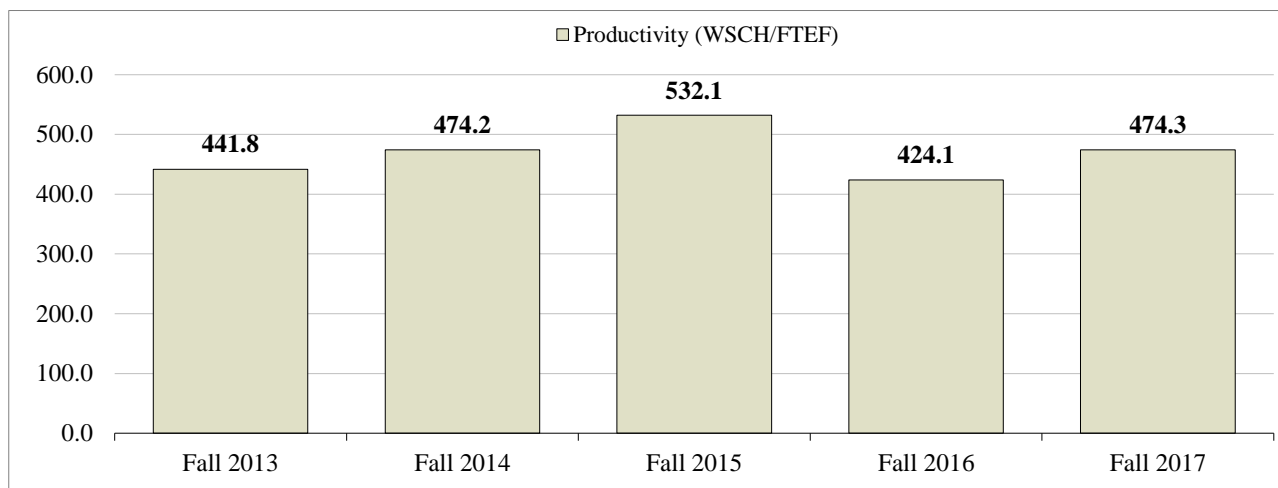
**Course Non-Success Rate** is the percentage of students receiving a grade of ('D', 'F', 'NP' or 'T') relative to all students receiving a grade.

**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

	Physics ( PHYS )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
WSCH	980	881	1,167	1,117	1,503
FTES	30.7	28.0	37.5	35.2	48.9
FTEF	2.2	1.9	2.2	2.6	3.2
Productivity (WSCH/FTEF)	441.8	474.2	532.1	424.1	474.3



### 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.

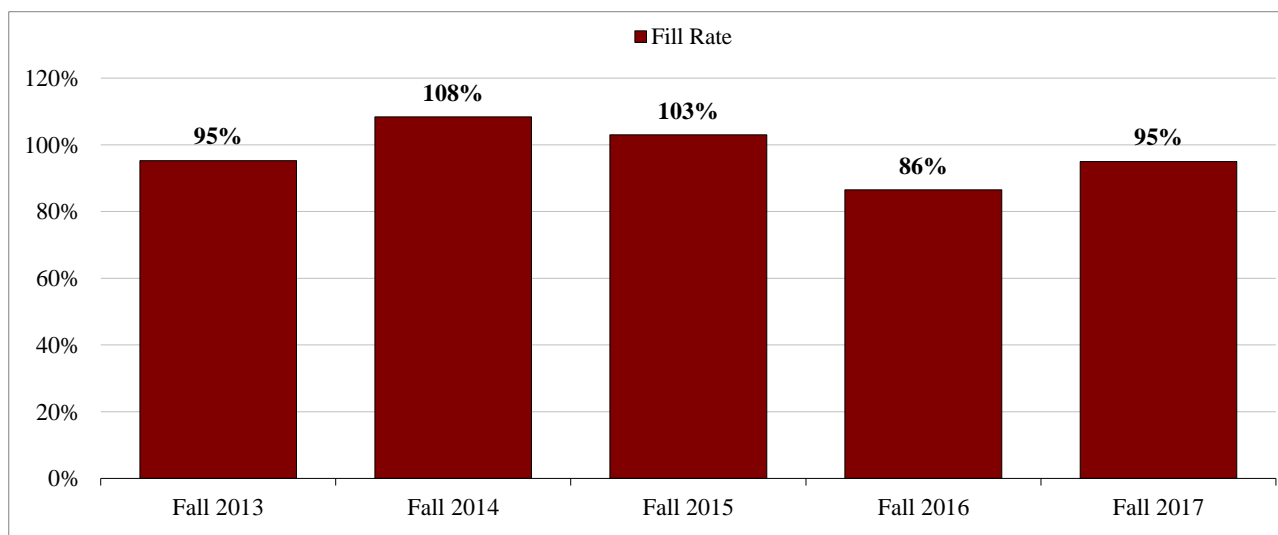
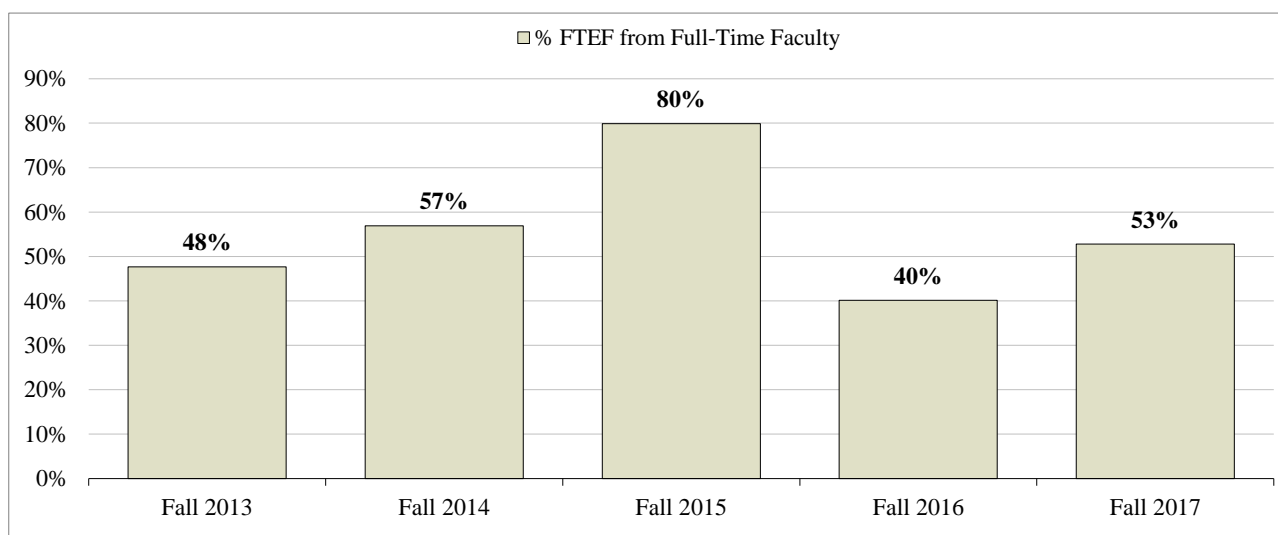
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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

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

## Enrollment Management: Part 2

	Physics ( PHYS )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
FTEF from Full-Time Faculty	1.1	1.1	1.8	1.1	1.7
% FTEF from Full-Time Faculty	48%	57%	80%	40%	53%
Enrollments	179	130	173	166	225
Capacity (seats available)	188	120	168	192	237
Fill Rate	95%	108%	103%	86%	95%



### Definitions:

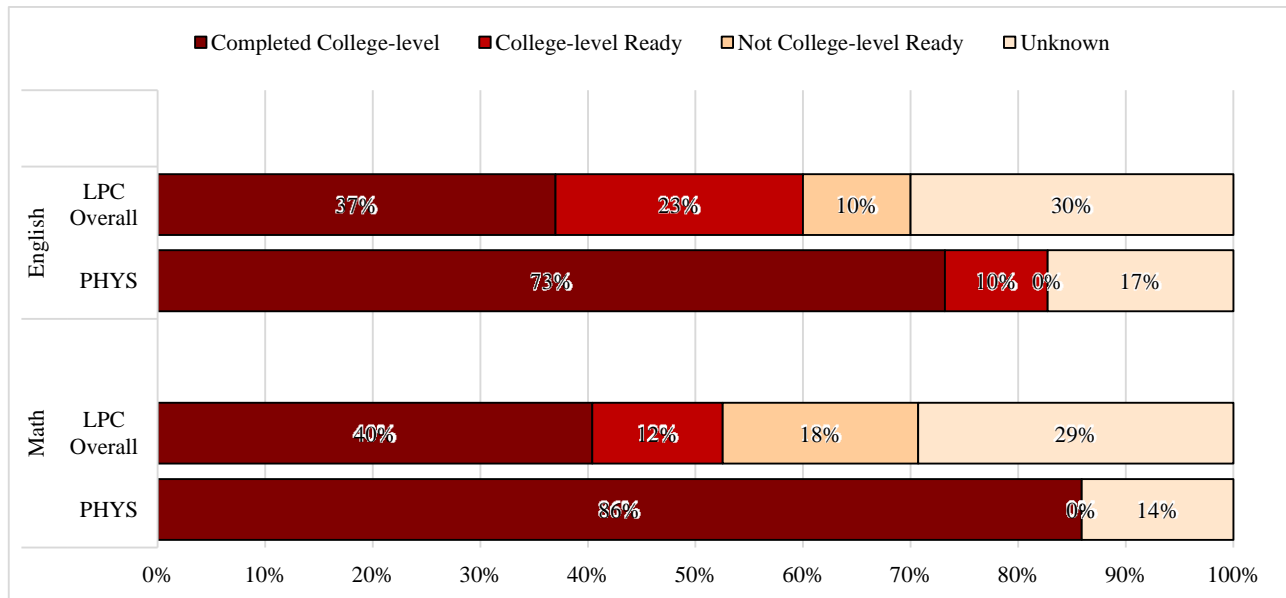
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% 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				
	PHYS		LPC Overall	
	Num	Pct	Num	Pct
<b>College English</b>				
Completed College-level	161	73%	3,485	37%
College-level Ready	21	8%	2,141	23%
Not College-level Ready	0	0%	904	10%
Unknown	38	17%	2,842	30%
<b>College Math</b>				
Completed College-level	189	86%	3,738	40%
College-level Ready	0	0%	1,138	12%
Not College-level Ready	0	0%	1,733	18%
Unknown	31	14%	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.