



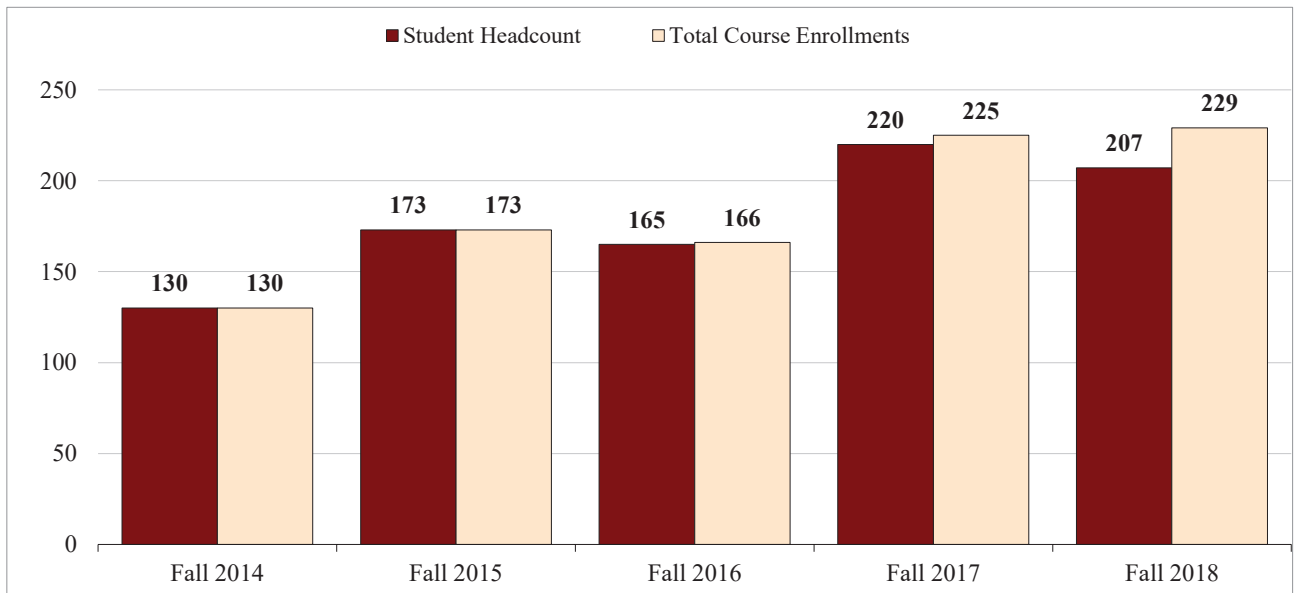
Las Positas College  
**Program Review Discipline Data Packet**  
Fall 2014 to Fall 2018

Discipline:  
**Physics (PHYS)**

<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

## Headcount & Enrollment

	Physics ( PHYS )				
	Term				
	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
Student Headcount	130	173	165	220	207
Total Course Enrollments	130	173	166	225	229



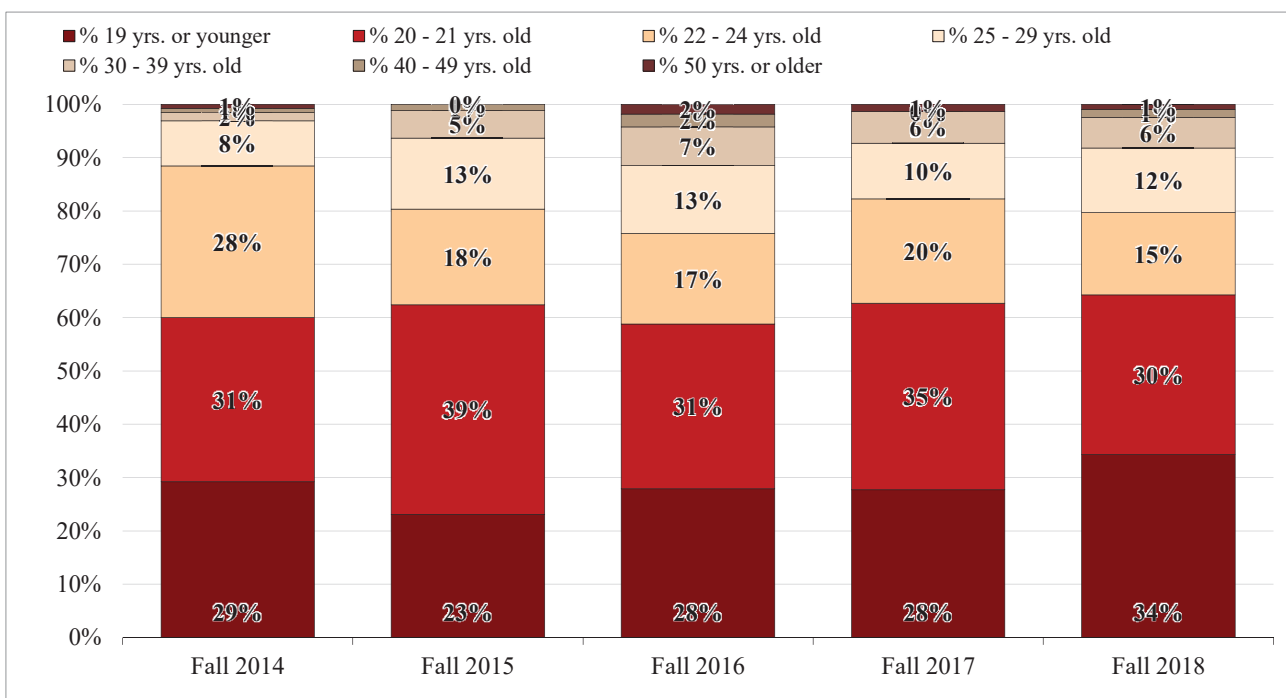
### Definitions:

**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.

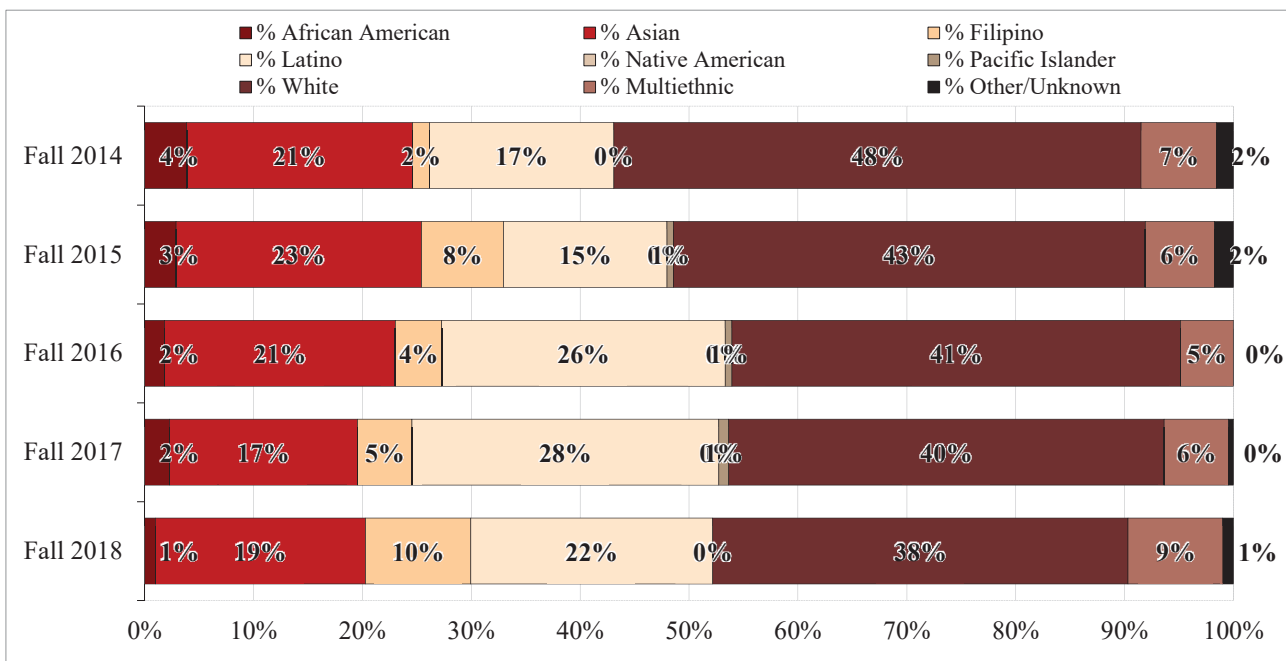
## Student Demographics: Gender & Age

	Physics ( PHYS )				
	Term				
	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
Female	26	34	48	53	60
Male	104	137	115	166	142
19 yrs. or younger	38	40	46	61	71
20-21 yrs. old	40	68	51	77	62
22-24 yrs. old	37	31	28	43	32
25-29 yrs. old	11	23	21	23	25
30-39 yrs. old	2	9	12	13	12
40-49 yrs. old	1	2	4	0	3
50 yrs. or older	1	0	3	3	2
% Female	20%	20%	29%	24%	30%
% Male	80%	80%	71%	76%	70%
% 19 yrs. or younger	29%	23%	28%	28%	34%
% 20 - 21 yrs. old	31%	39%	31%	35%	30%
% 22 - 24 yrs. old	28%	18%	17%	20%	15%
% 25 - 29 yrs. old	8%	13%	13%	10%	12%
% 30 - 39 yrs. old	2%	5%	7%	6%	6%
% 40 - 49 yrs. old	1%	1%	2%	0%	1%
% 50 yrs. or older	1%	0%	2%	1%	1%



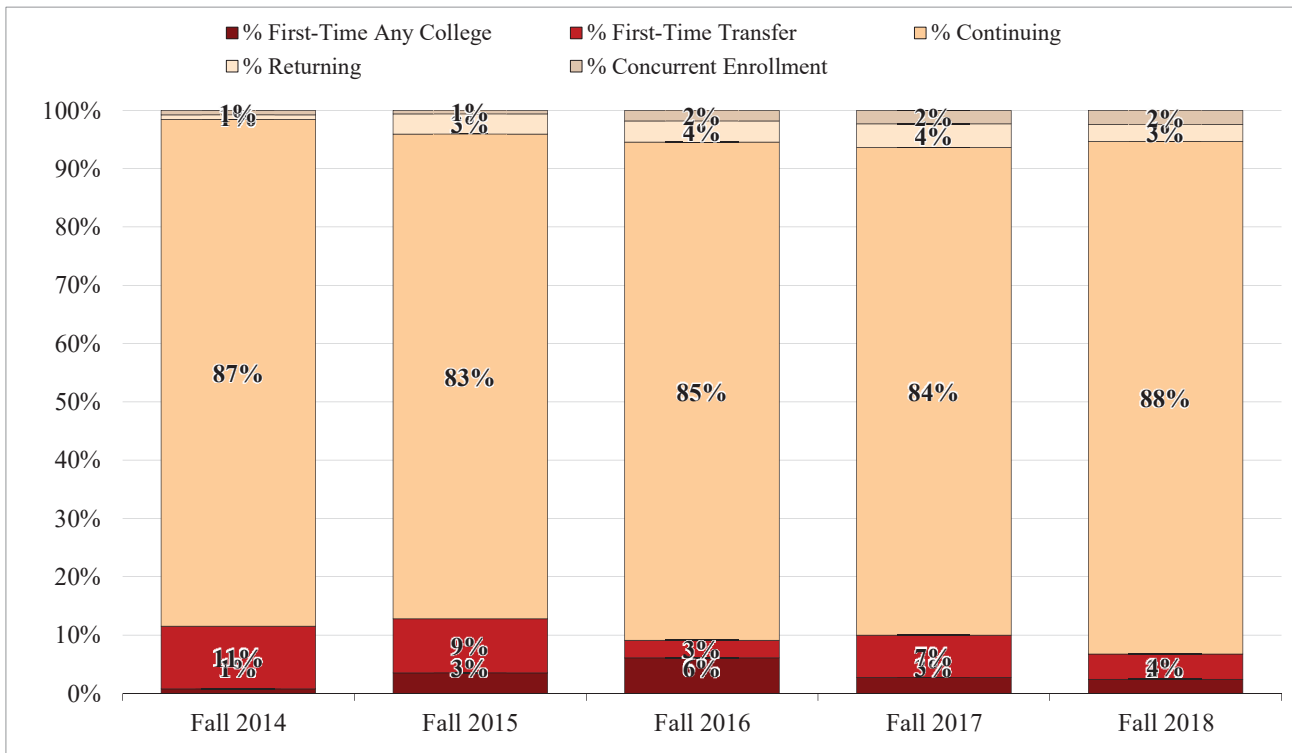
## Student Demographic: Race-Ethnicity

Physics ( PHYS )					
	Term				
	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
African American	5	5	3	5	2
Asian	27	39	35	38	40
Filipino	2	13	7	11	20
Latino	22	26	43	62	46
Native American	0	0	0	0	0
Pacific Islander	0	1	1	2	0
White	63	75	68	88	79
Multiethnic	9	11	8	13	18
Other/Unknown	2	3	0	1	2
% African American	4%	3%	2%	2%	1%
% Asian	21%	23%	21%	17%	19%
% Filipino	2%	8%	4%	5%	10%
% Latino	17%	15%	26%	28%	22%
% Native American	0%	0%	0%	0%	0%
% Pacific Islander	0%	1%	1%	1%	0%
% White	48%	43%	41%	40%	38%
% Multiethnic	7%	6%	5%	6%	9%
% Other/Unknown	2%	2%	0%	<1%	1%



## Student Enrollment Status

	Physics ( PHYS )				
	Term				
	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
First-Time Any College	1	6	10	6	5
First-Time Transfer	14	16	5	16	9
Continuing	113	143	141	184	182
Returning	1	6	6	9	6
Concurrent Enrollment	1	1	3	5	5
% First-Time Any College	1%	3%	6%	3%	2%
% First-Time Transfer	11%	9%	3%	7%	4%
% Continuing	87%	83%	85%	84%	88%
% Returning	1%	3%	4%	4%	3%
% Concurrent Enrollment	1%	1%	2%	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.

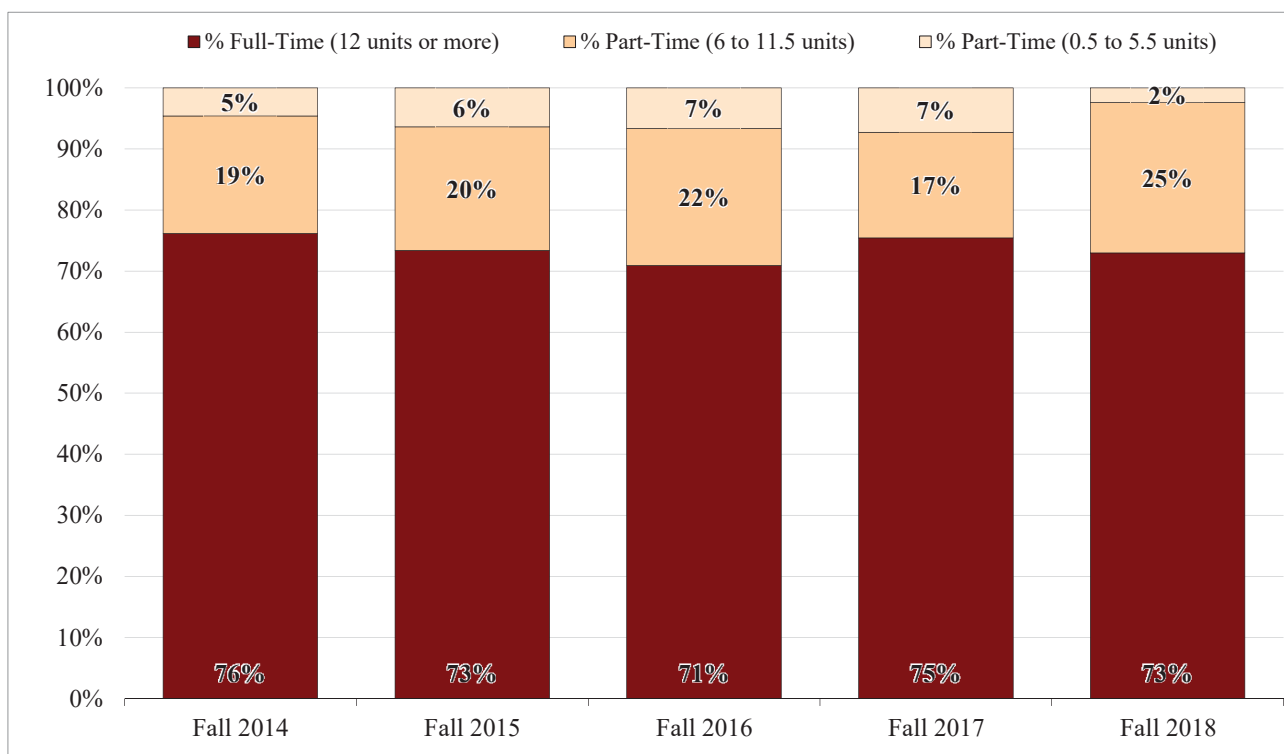
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

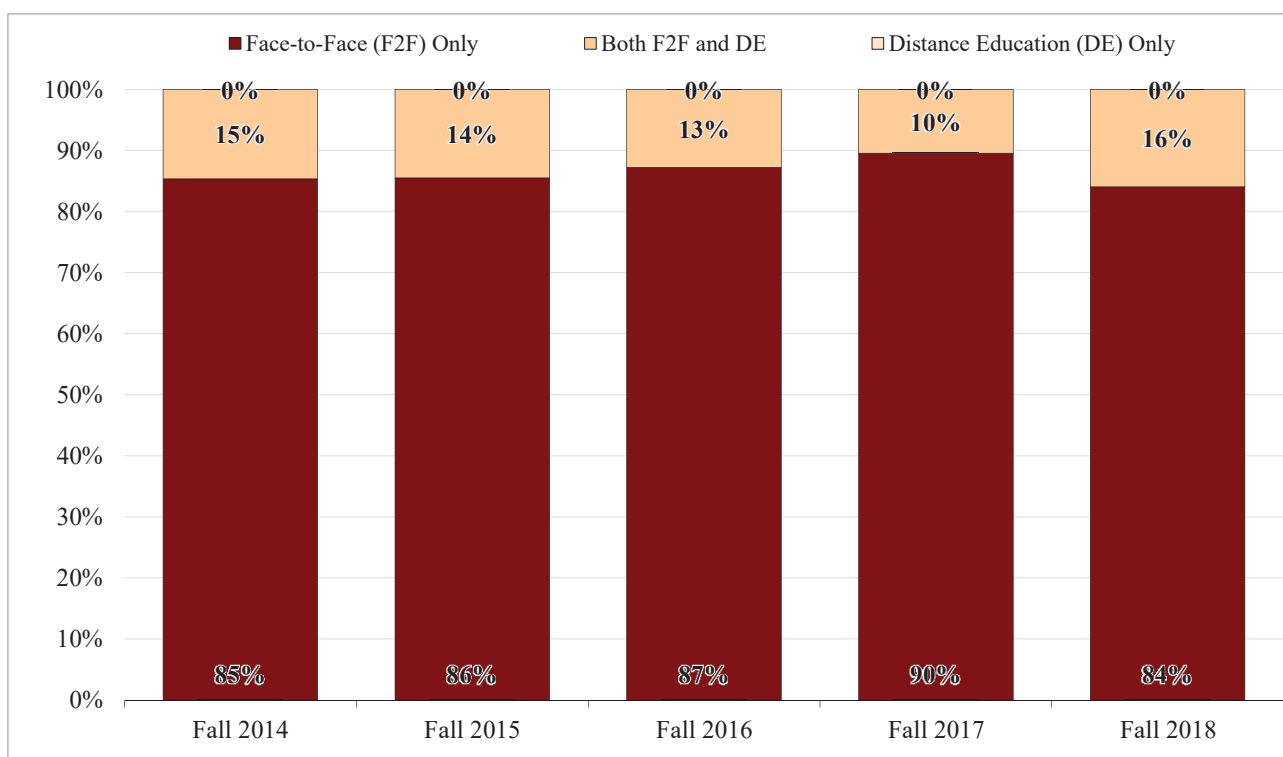
## Student Unit Load

Physics ( PHYS )					
	Term				
	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
Full-Time (12 units or more)	99	127	117	166	151
Part-Time (6 to 11.5 units)	25	35	37	38	51
Part-Time (0.5 to 5.5 units)	6	11	11	16	5
% Full-Time (12 units or more)	76%	73%	71%	75%	73%
% Part-Time (6 to 11.5 units)	19%	20%	22%	17%	25%
% Part-Time (0.5 to 5.5 units)	5%	6%	7%	7%	2%



## Students Using Distance Education

Physics ( PHYS )					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
Face-to-Face (F2F) Only	111	148	144	197	174
Both F2F and DE	19	25	21	23	33
Distance Education (DE) Only	0	0	0	0	0
% Face-to-Face (F2F) Only	85%	86%	87%	90%	84%
% Both F2F and DE	15%	14%	13%	10%	16%
% Distance Education (DE) Only	0%	0%	0%	0%	0%

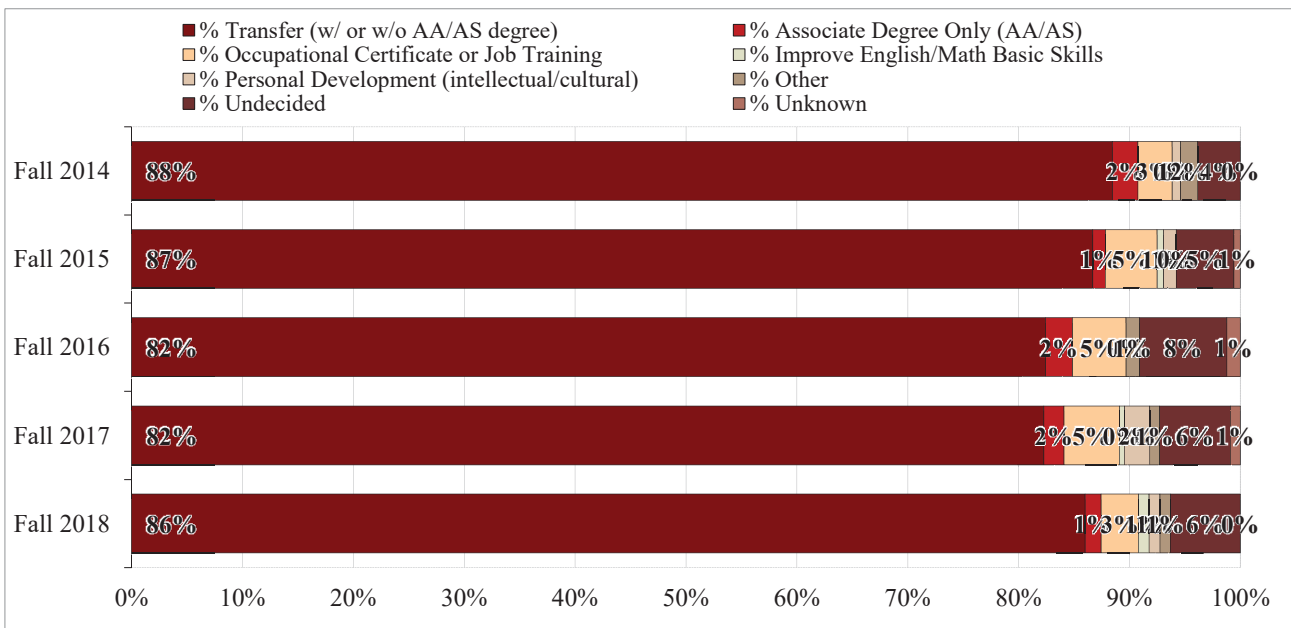


**Definitions:**

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

## Student Educational Goal

Physics ( PHYS )					
	Term				
	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
Transfer (w/ or w/o AA/AS degree)	115	150	136	181	178
Associate Degree Only (AA/AS)	3	2	4	4	3
Occupational Certificate or Job Training	4	8	8	11	7
Improve English/Math Basic Skills	0	1	0	1	2
Personal Development (intellectual/cultural)	1	2	0	5	2
Other	2	0	2	2	2
Undecided	5	9	13	14	13
Unknown	0	1	2	2	0
% Transfer (w/ or w/o AA/AS degree)	88%	87%	82%	82%	86%
% Associate Degree Only (AA/AS)	2%	1%	2%	2%	1%
% Occupational Certificate or Job Training	3%	5%	5%	5%	3%
% Improve English/Math Basic Skills	0%	1%	0%	<1%	1%
% Personal Development (intellectual/cultural)	1%	1%	0%	2%	1%
% Other	2%	0%	1%	1%	1%
% Undecided	4%	5%	8%	6%	6%
% Unknown	0%	1%	1%	1%	0%



### Definitions:

**Transfer:** Students who want to transfer to a 4-year university. Includes students enrolled in 4-year institutions completing requirements at LPC.

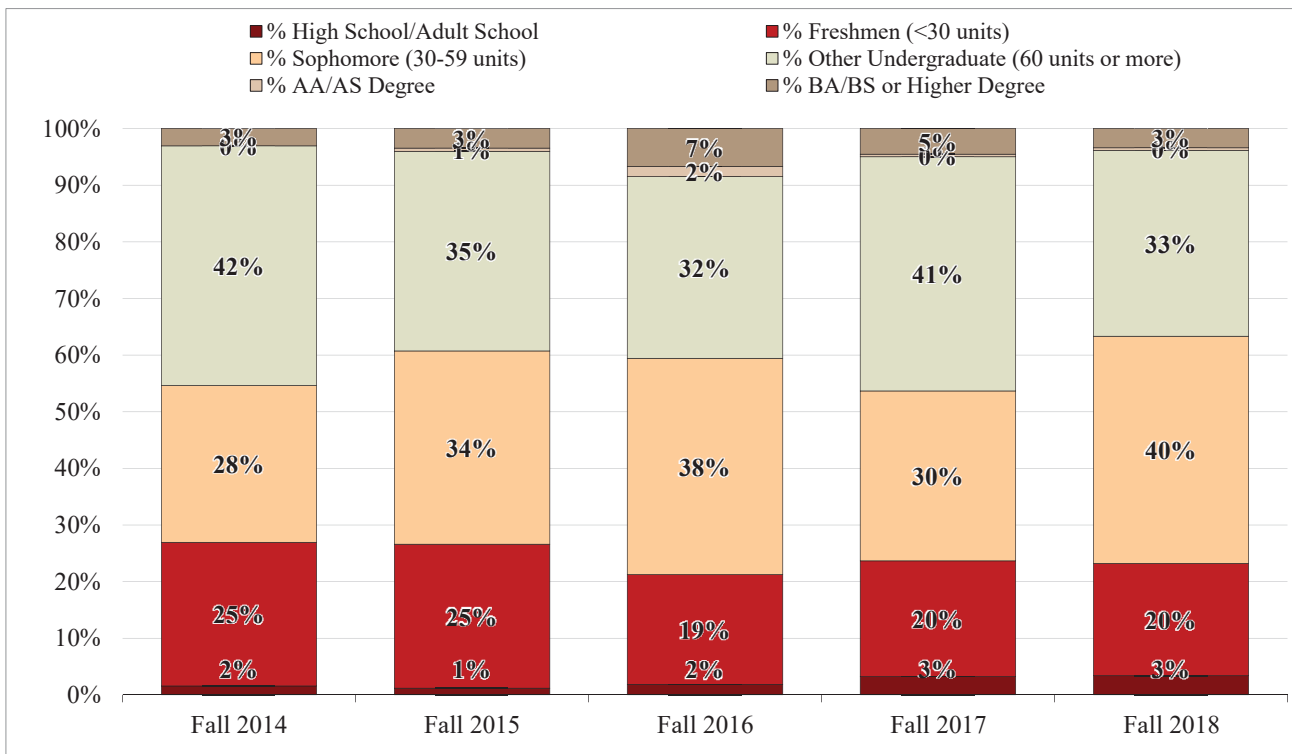
**Occupational Certificate/Job Training:** Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

**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.

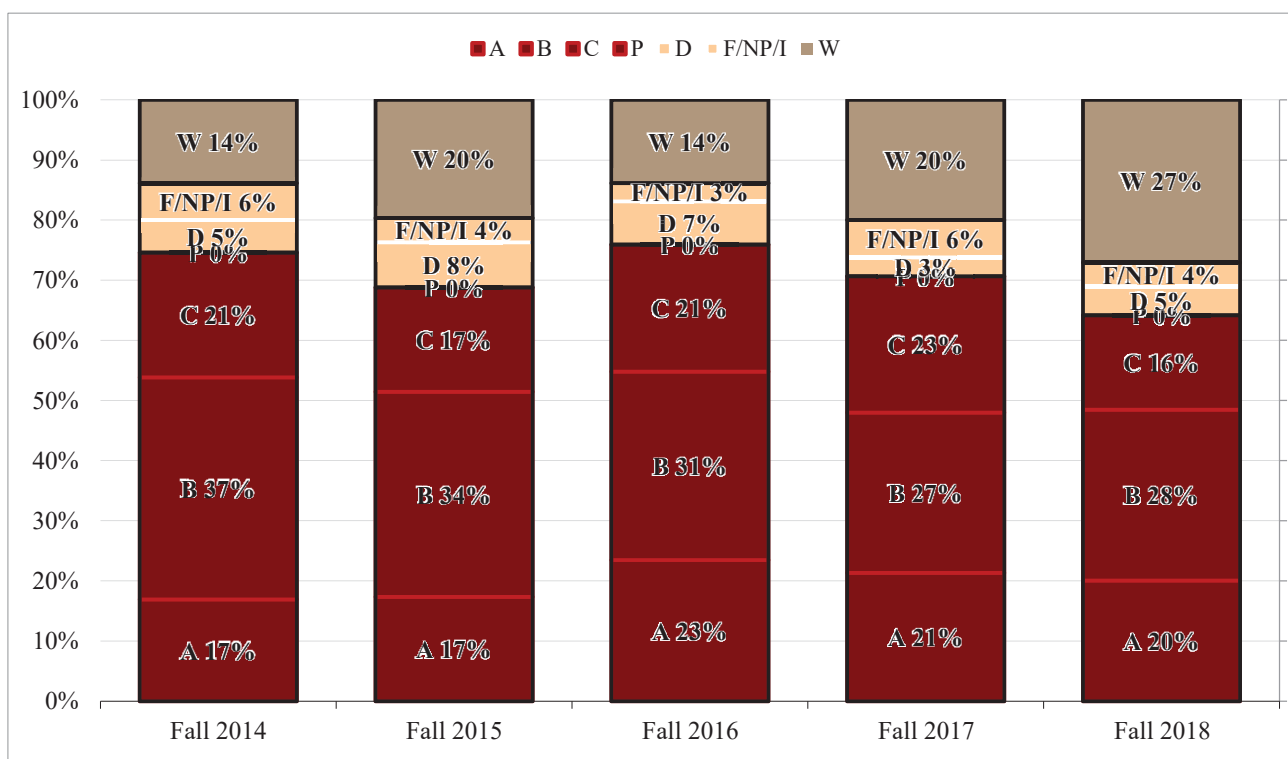
## Highest Educational Level of Students

Physics ( PHYS )					
	Term				
	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
High School/Adult School	2	2	3	7	7
Freshmen (<30 units)	33	44	32	45	41
Sophomore (30-59 units)	36	59	63	66	83
Other Undergraduate (60 units or more)	55	61	53	91	68
AA/AS Degree	0	1	3	1	1
BA/BS or Higher Degree	4	6	11	10	7
% High School/Adult School	2%	1%	2%	3%	3%
% Freshmen (<30 units)	25%	25%	19%	20%	20%
% Sophomore (30-59 units)	28%	34%	38%	30%	40%
% Other Undergraduate (60 units or more)	42%	35%	32%	41%	33%
% AA/AS Degree	0%	1%	2%	<1%	<1%
% BA/BS or Higher Degree	3%	3%	7%	5%	3%



## Student Performance: Grade Distribution

Physics ( PHYS )					
	Term				
	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
<b>Total Course Enrollments</b>	<b>130</b>	<b>173</b>	<b>166</b>	<b>225</b>	<b>229</b>
<b>Course Success Rates</b>	<b>75%</b>	<b>69%</b>	<b>76%</b>	<b>71%</b>	<b>64%</b>
A	17%	17%	23%	21%	20%
B	37%	34%	31%	27%	28%
C	21%	17%	21%	23%	16%
P	0%	0%	0%	0%	0%
<b>Course Non-Success Rate</b>	<b>12%</b>	<b>12%</b>	<b>10%</b>	<b>9%</b>	<b>9%</b>
D	5%	8%	7%	3%	5%
F/NP/I	6%	4%	3%	6%	4%
<b>Withdrawals (W)</b>	<b>14%</b>	<b>20%</b>	<b>14%</b>	<b>20%</b>	<b>27%</b>



### Definitions:

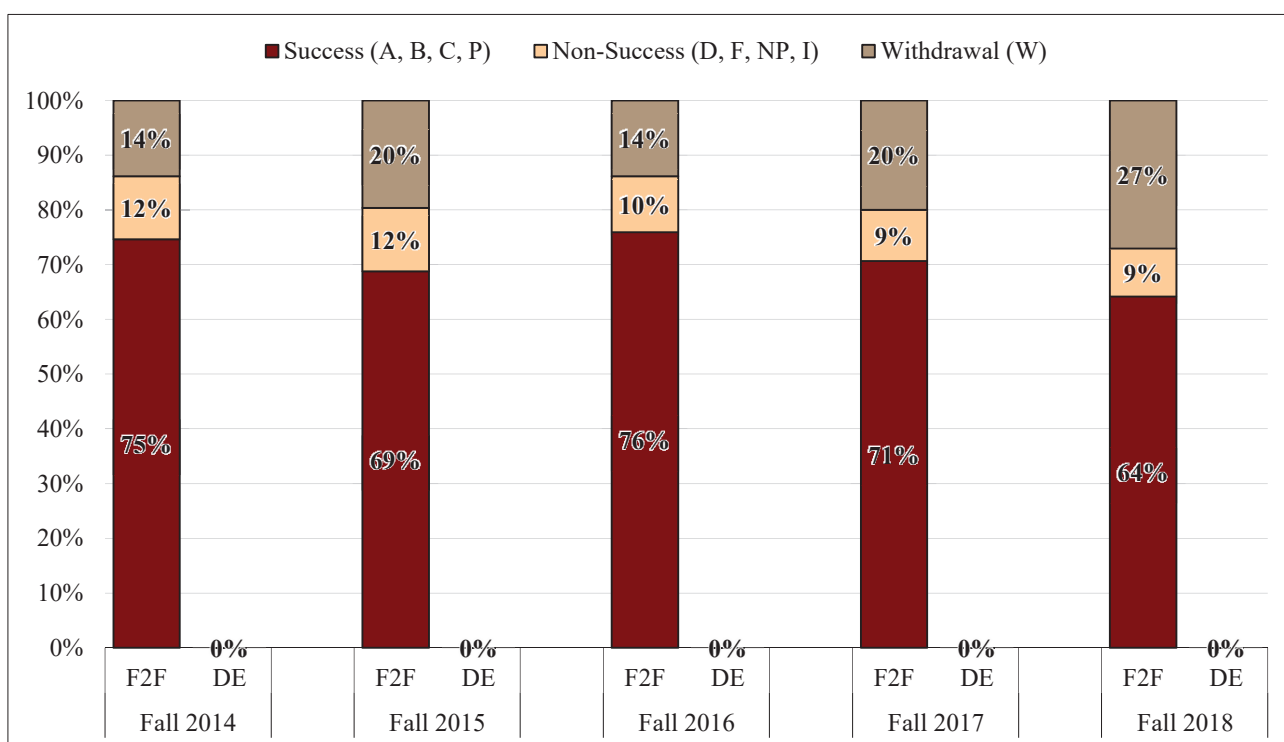
**Course Success Rate** is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

**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

Physics ( PHYS )					
	Term				
	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
<b>Total Course Enrollments</b>	<b>130</b>	<b>173</b>	<b>166</b>	<b>225</b>	<b>229</b>
<b>Face-to-Face (F2F) Sections</b>	<b>130</b>	<b>173</b>	<b>166</b>	<b>225</b>	<b>229</b>
Success Rates	75%	69%	76%	71%	64%
Non-Success Rates	12%	12%	10%	9%	9%
Withdrawals	14%	20%	14%	20%	27%
<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.

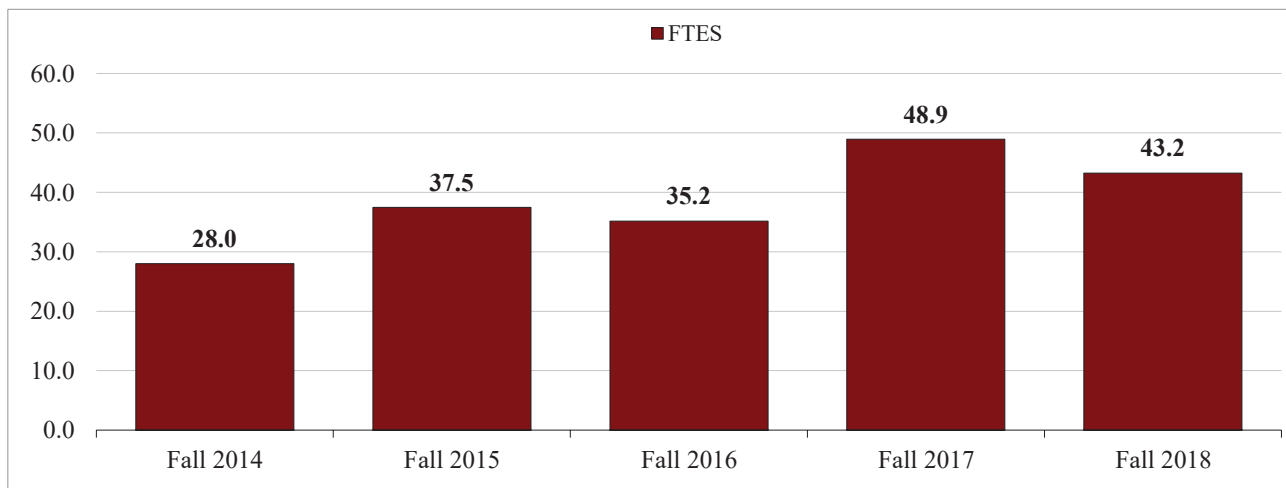
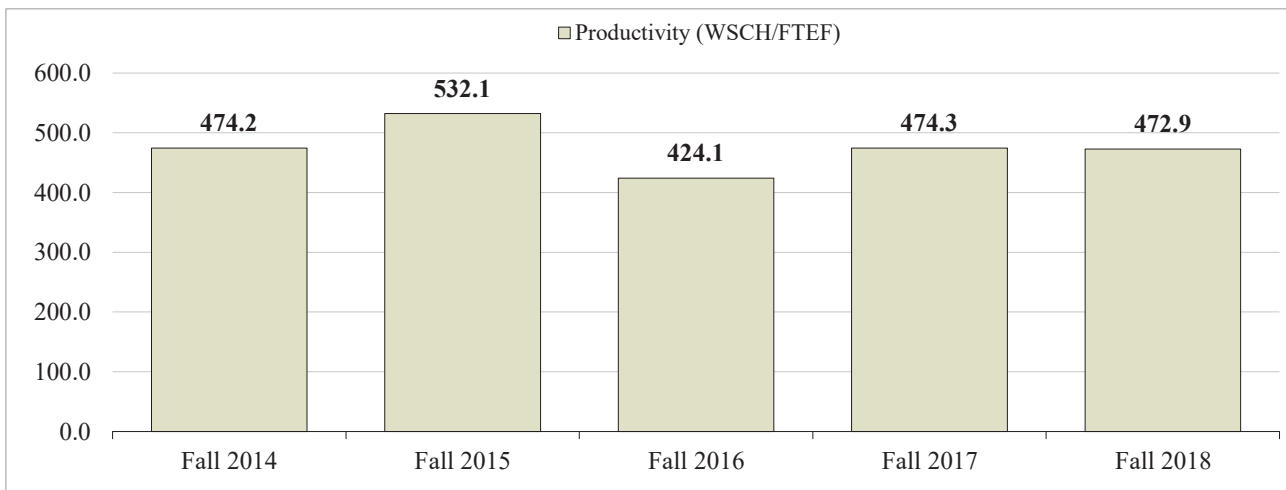
**Course Non-Success Rate** is the percentage of students receiving a grade of ('D', 'F', 'NP' or 'I') relative to all students receiving a grade.

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

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

## Enrollment Management: Part 1

	Physics ( PHYS )				
	Term				
	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
WSCH	881	1,167	1,117	1,503	1,333
FTEF	28.0	37.5	35.2	48.9	43.2
Productivity (WSCH/FTEF)	474.2	532.1	424.1	474.3	472.9



### Definitions:

**WSCH** is the total Weekly Student Contact Hours resulting from all enrollment within the discipline.

**FTEF** is the total Full Time Equivalent Student value resulting from all enrollment within the discipline.

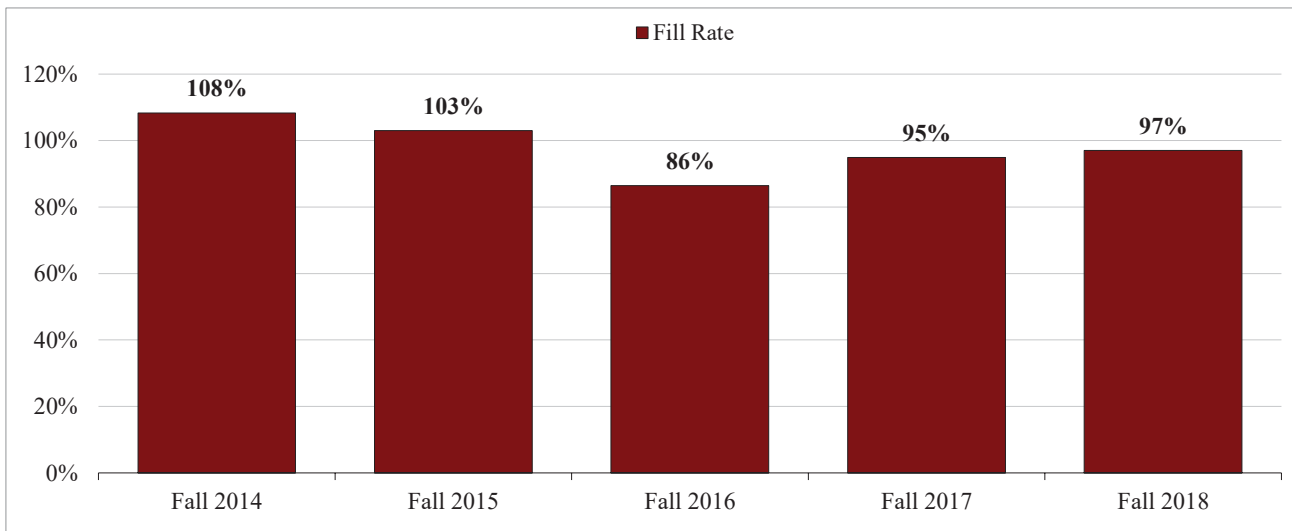
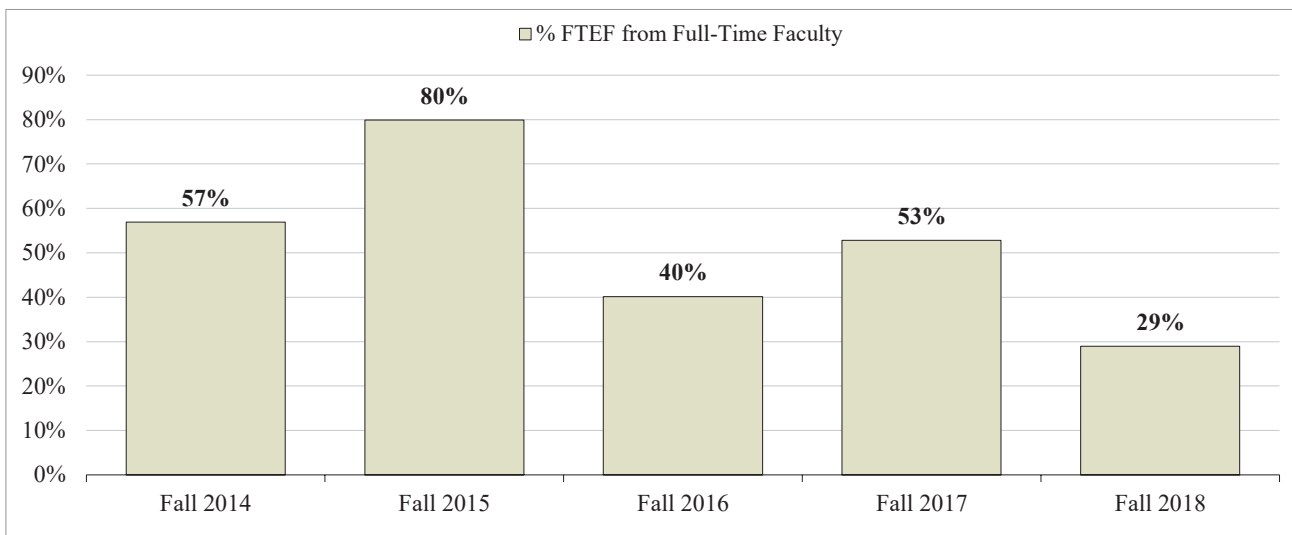
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**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 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018
FTEF from Full-Time Faculty	1.1	1.8	1.1	1.7	0.8
% FTEF from Full-Time Faculty	57%	80%	40%	53%	29%
Enrollments	130	173	166	225	229
Capacity (seats available)	120	168	192	237	236
Fill Rate	108%	103%	86%	95%	97%



### Definitions:

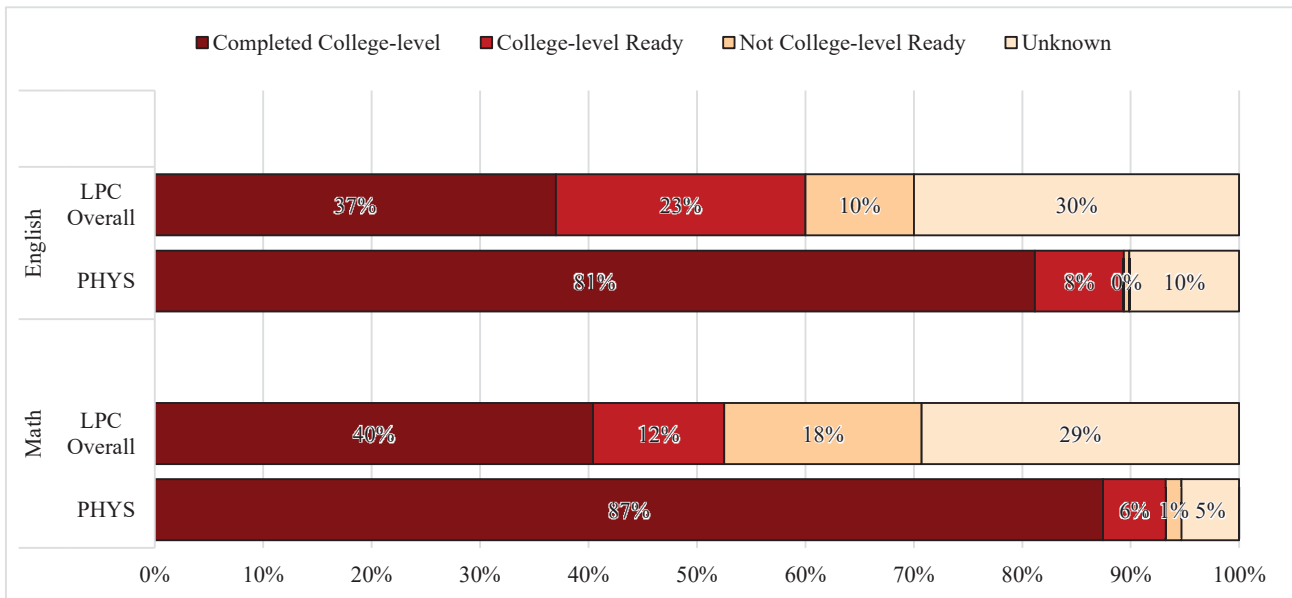
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% 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 2018				
	PHYS		LPC Overall	
	Num	Pct	Num	Pct
<b>College English</b>				
Completed College-level	168	81%	4,858	52%
College-level Ready	17	8%	2,005	22%
Not College-level Ready	1	<1%	675	7%
Unknown	21	10%	1,776	19%
<b>College Math</b>				
Completed College-level	181	87%	4,134	44%
College-level Ready	12	6%	1,812	19%
Not College-level Ready	3	1%	1,583	17%
Unknown	11	5%	1,785	19%



### 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.