



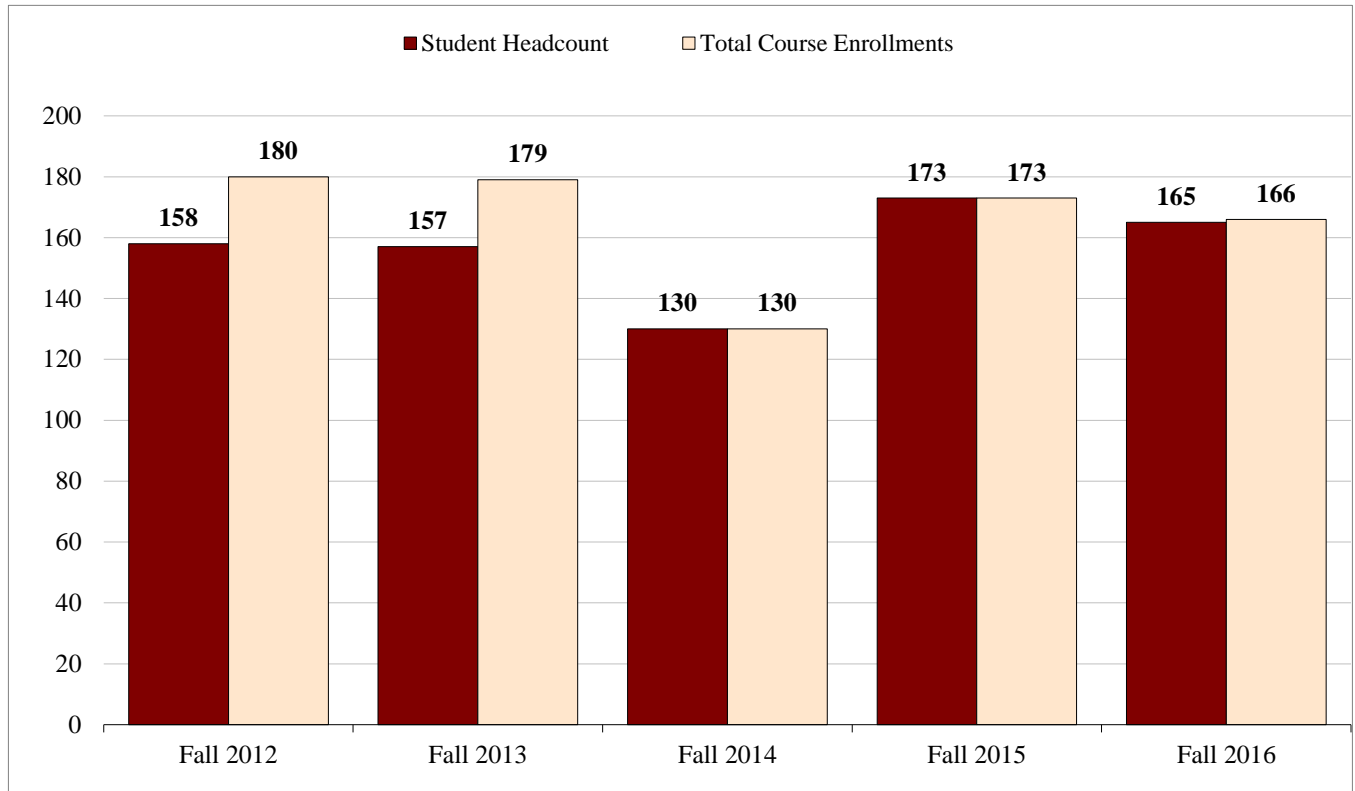
Las Positas College  
**Program Review Discipline Data Packet**  
Fall 2012 to Fall 2016

Discipline:  
**Physics (PHYS)**

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## Headcount & Enrollment

Physics ( PHYS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Student Headcount	158	157	130	173	165
Total Course Enrollments	180	179	130	173	166



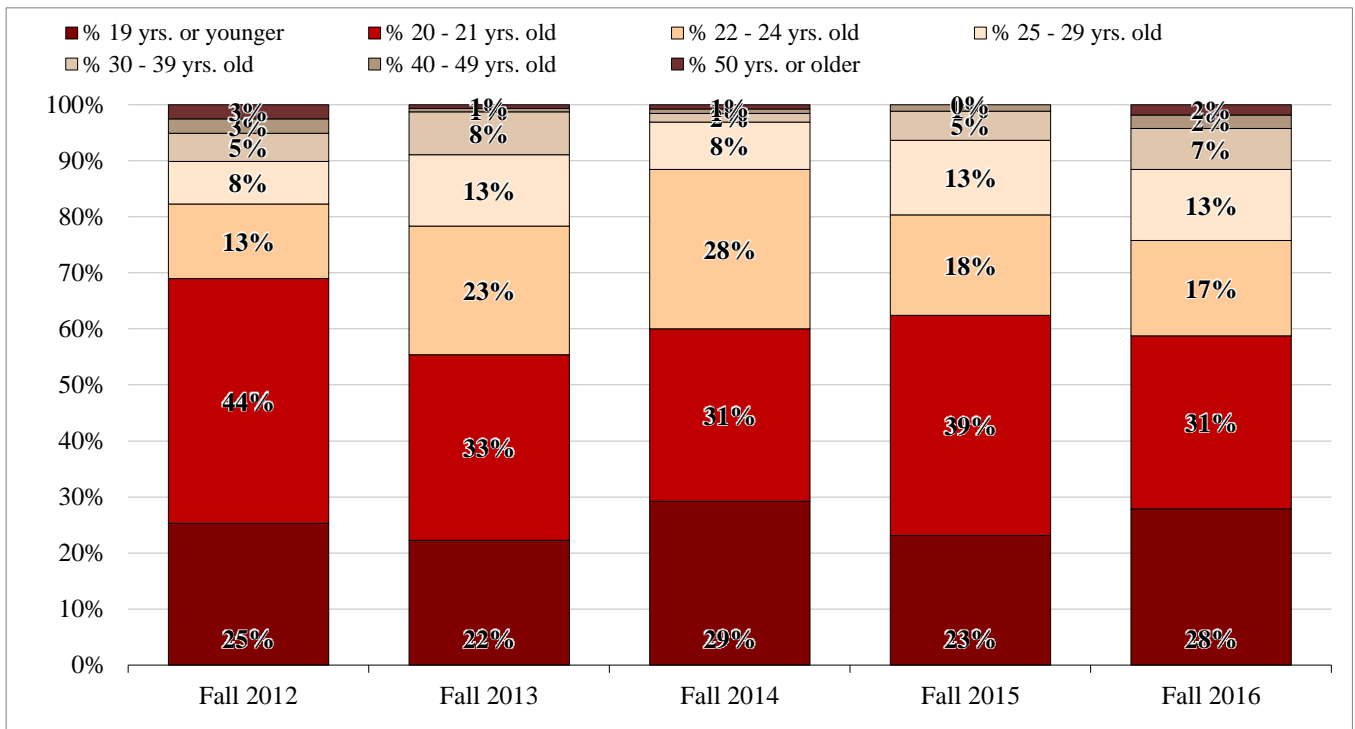
**Definitions:**

**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.

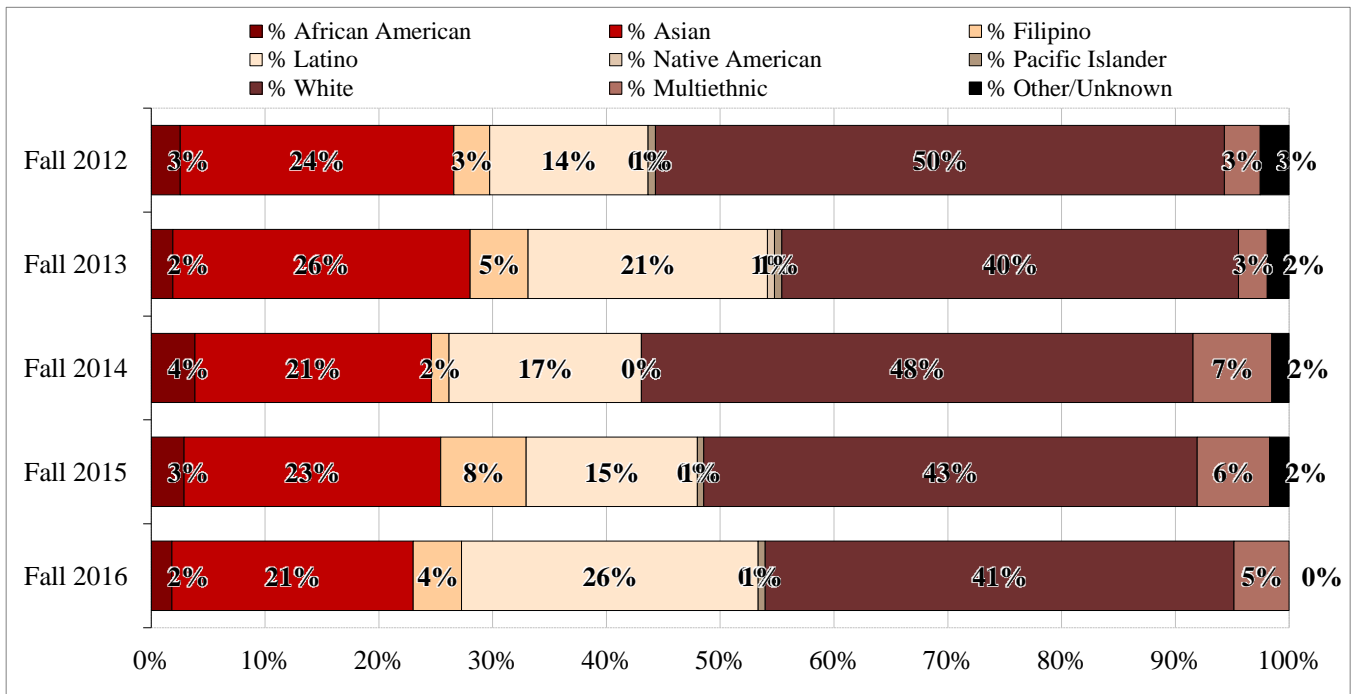
### Student Demographics: Gender & Age

Physics ( PHYS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Female	51	54	26	34	48
Male	106	100	104	137	115
19 yrs. or younger	40	35	38	40	46
20-21 yrs. old	69	52	40	68	51
22-24 yrs. old	21	36	37	31	28
25-29 yrs. old	12	20	11	23	21
30-39 yrs. old	8	12	2	9	12
40-49 yrs. old	4	1	1	2	4
50 yrs. or older	4	1	1	0	3
% Female	32%	35%	20%	20%	29%
% Male	68%	65%	80%	80%	71%
% 19 yrs. or younger	25%	22%	29%	23%	28%
% 20 - 21 yrs. old	44%	33%	31%	39%	31%
% 22 - 24 yrs. old	13%	23%	28%	18%	17%
% 25 - 29 yrs. old	8%	13%	8%	13%	13%
% 30 - 39 yrs. old	5%	8%	2%	5%	7%
% 40 - 49 yrs. old	3%	1%	1%	1%	2%
% 50 yrs. or older	3%	1%	1%	0%	2%



### Student Demographic: Race-Ethnicity

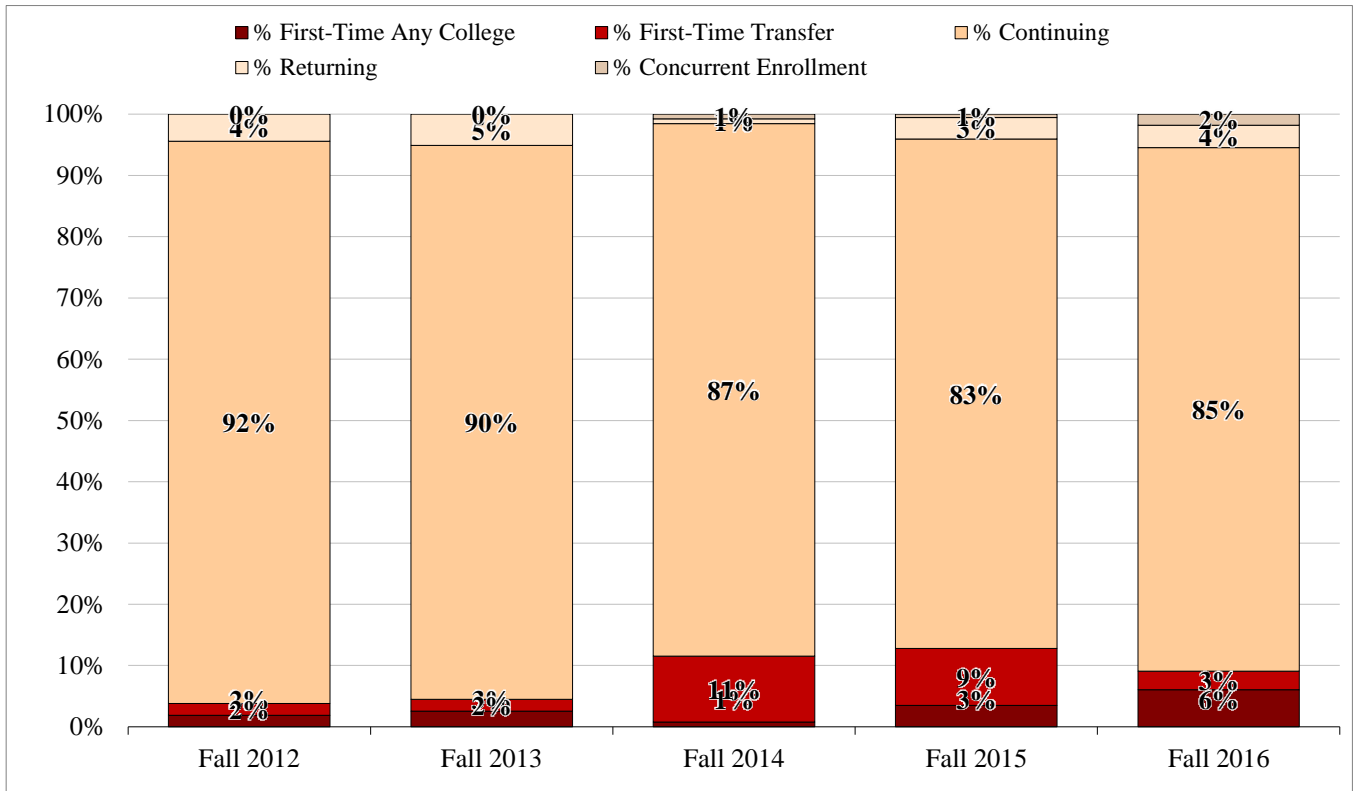
Physics ( PHYS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
African American	4	3	5	5	3
Asian	38	41	27	39	35
Filipino	5	8	2	13	7
Latino	22	33	22	26	43
Native American	0	1	0	0	0
Pacific Islander	1	1	0	1	1
White	79	63	63	75	68
Multiethnic	5	4	9	11	8
Other/Unknown	4	3	2	3	0
% African American	3%	2%	4%	3%	2%
% Asian	24%	26%	21%	23%	21%
% Filipino	3%	5%	2%	8%	4%
% Latino	14%	21%	17%	15%	26%
% Native American	0%	1%	0%	0%	0%
% Pacific Islander	1%	1%	0%	1%	1%
% White	50%	40%	48%	43%	41%
% Multiethnic	3%	3%	7%	6%	5%
% Other/Unknown	3%	2%	2%	2%	0%



Note: Multiethnic category became available in Fall 2011.

## Student Enrollment Status

Physics ( PHYS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
First-Time Any College	3	4	1	6	10
First-Time Transfer	3	3	14	16	5
Continuing	145	141	113	143	141
Returning	7	8	1	6	6
Concurrent Enrollment	0	0	1	1	3
% First-Time Any College	2%	3%	1%	3%	6%
% First-Time Transfer	2%	2%	11%	9%	3%
% Continuing	92%	90%	87%	83%	85%
% Returning	4%	5%	1%	3%	4%
% Concurrent Enrollment	0%	0%	1%	1%	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.

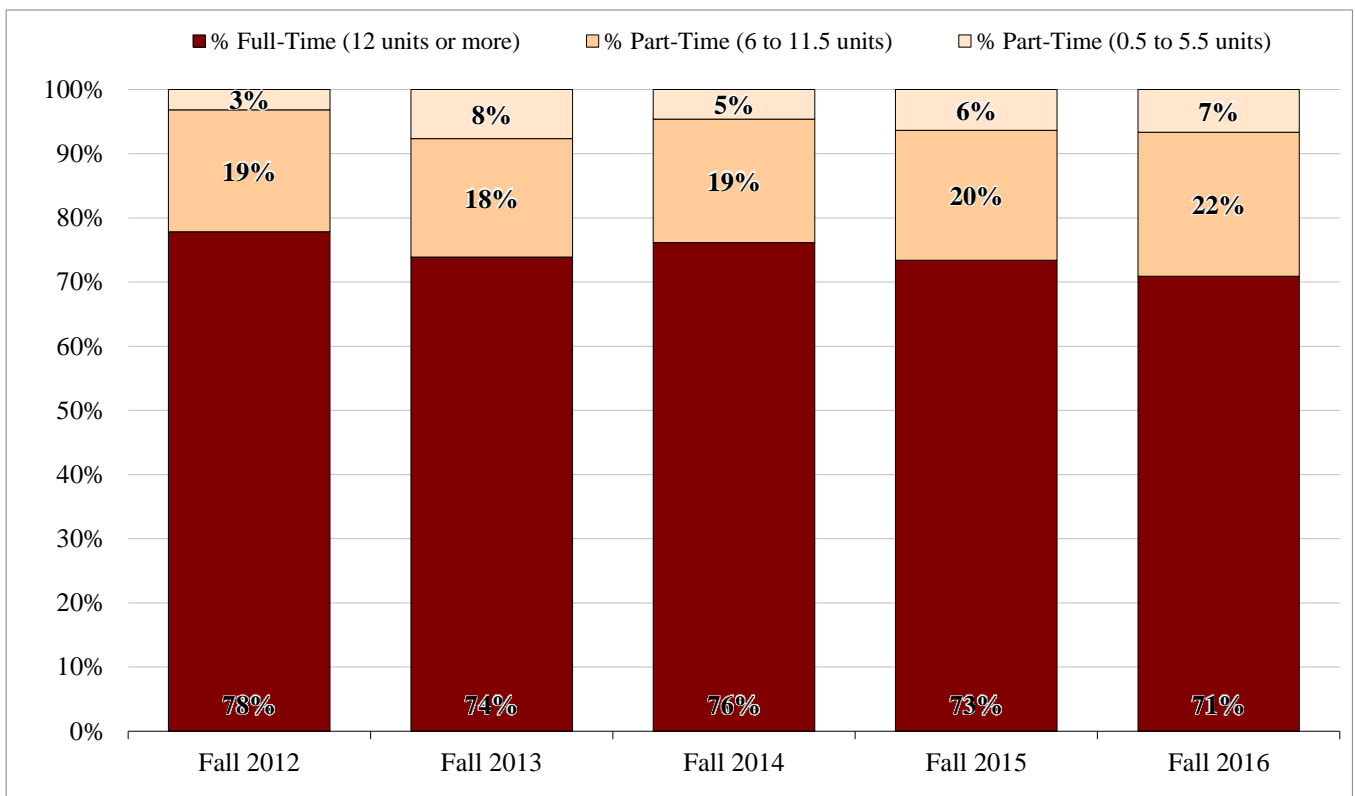
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

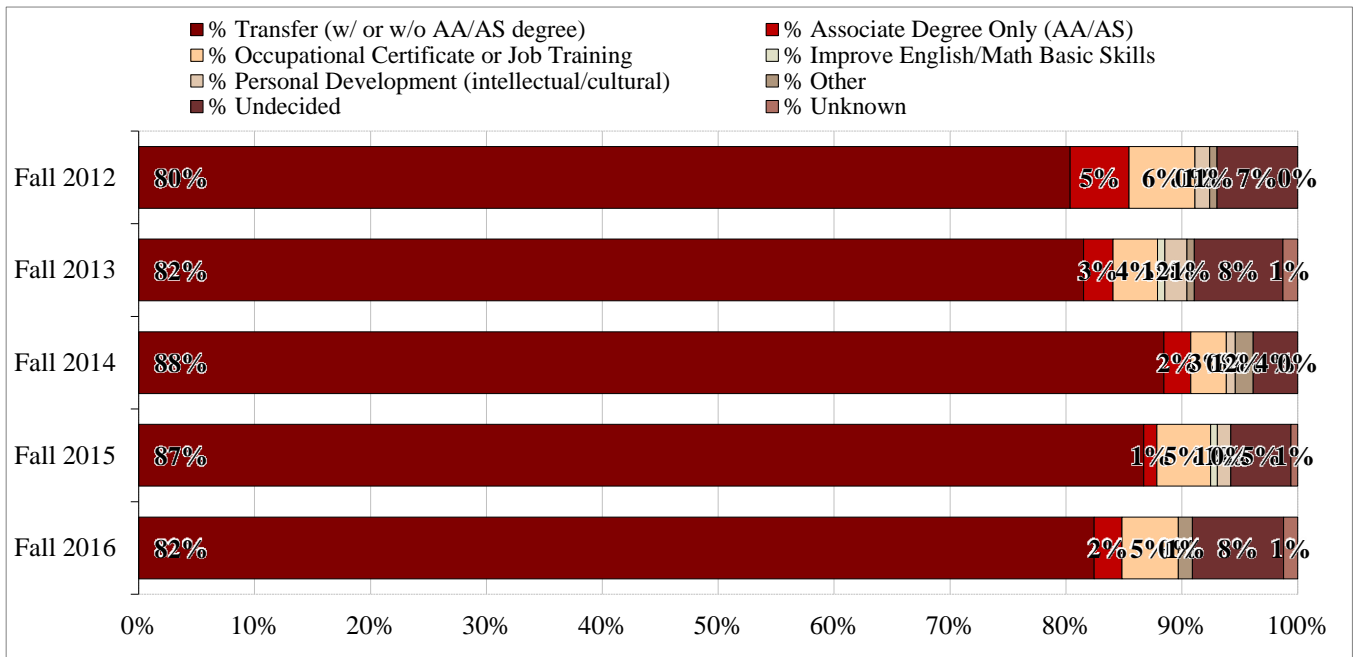
### Student Unit Load

Physics ( PHYS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Full-Time (12 units or more)	123	116	99	127	117
Part-Time (6 to 11.5 units)	30	29	25	35	37
Part-Time (0.5 to 5.5 units)	5	12	6	11	11
% Full-Time (12 units or more)	78%	74%	76%	73%	71%
% Part-Time (6 to 11.5 units)	19%	18%	19%	20%	22%
% Part-Time (0.5 to 5.5 units)	3%	8%	5%	6%	7%



## Student Educational Goal

Physics ( PHYS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Transfer (w/ or w/o AA/AS degree)	127	128	115	150	136
Associate Degree Only (AA/AS)	8	4	3	2	4
Occupational Certificate or Job Training	9	6	4	8	8
Improve English/Math Basic Skills	0	1	0	1	0
Personal Development (intellectual/cultural)	2	3	1	2	0
Other	1	1	2	0	2
Undecided	11	12	5	9	13
Unknown	0	2	0	1	2
<hr/>					
% Transfer (w/ or w/o AA/AS degree)	80%	82%	88%	87%	82%
% Associate Degree Only (AA/AS)	5%	3%	2%	1%	2%
% Occupational Certificate or Job Training	6%	4%	3%	5%	5%
% Improve English/Math Basic Skills	0%	1%	0%	1%	0%
% Personal Development (intellectual/cultural)	1%	2%	1%	1%	0%
% Other	1%	1%	2%	0%	1%
% Undecided	7%	8%	4%	5%	8%
% Unknown	0%	1%	0%	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.

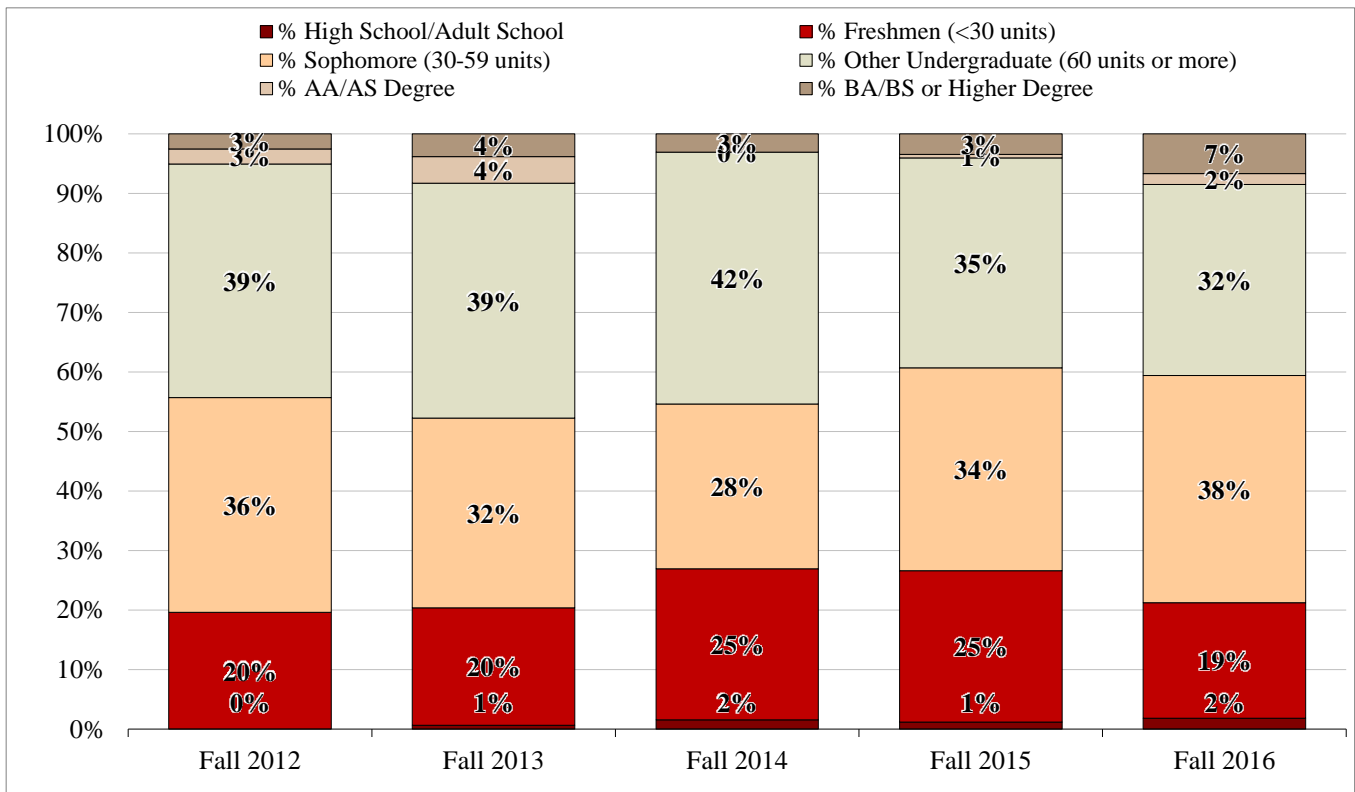
**Occupational Certificate/Job Training:** Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

**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

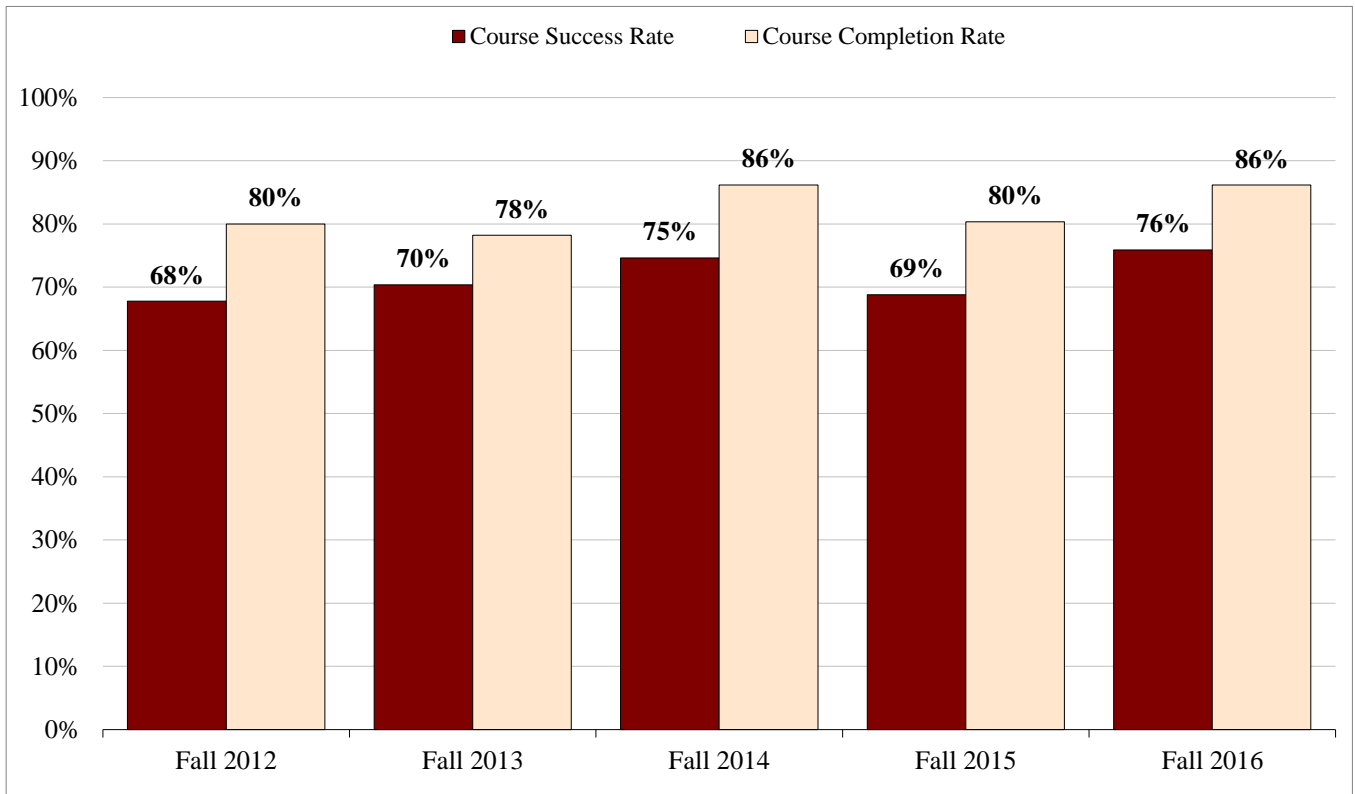
Physics ( PHYS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
High School/Adult School	0	1	2	2	3
Freshmen (<30 units)	31	31	33	44	32
Sophomore (30-59 units)	57	50	36	59	63
Other Undergraduate (60 units or more)	62	62	55	61	53
AA/AS Degree	4	7	0	1	3
BA/BS or Higher Degree	4	6	4	6	11
% High School/Adult School	0%	1%	2%	1%	2%
% Freshmen (<30 units)	20%	20%	25%	25%	19%
% Sophomore (30-59 units)	36%	32%	28%	34%	38%
% Other Undergraduate (60 units or more)	39%	39%	42%	35%	32%
% AA/AS Degree	3%	4%	0%	1%	2%
% BA/BS or Higher Degree	3%	4%	3%	3%	7%





## Student Performance

Physics ( PHYS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Course Success Rate	68%	70%	75%	69%	76%
Course Completion Rate	80%	78%	86%	80%	86%



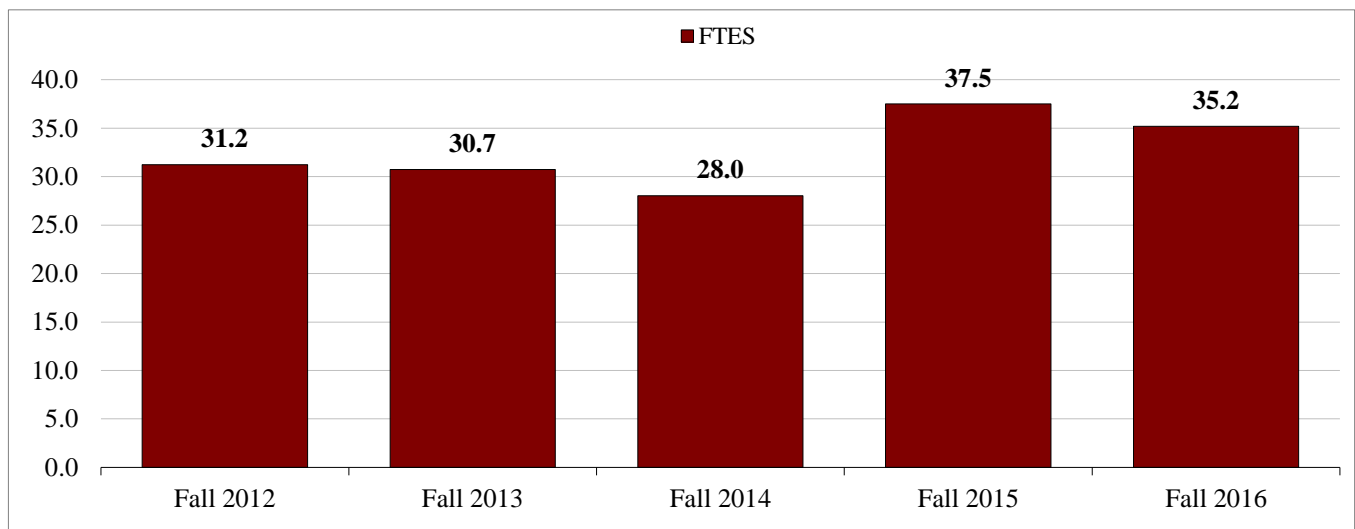
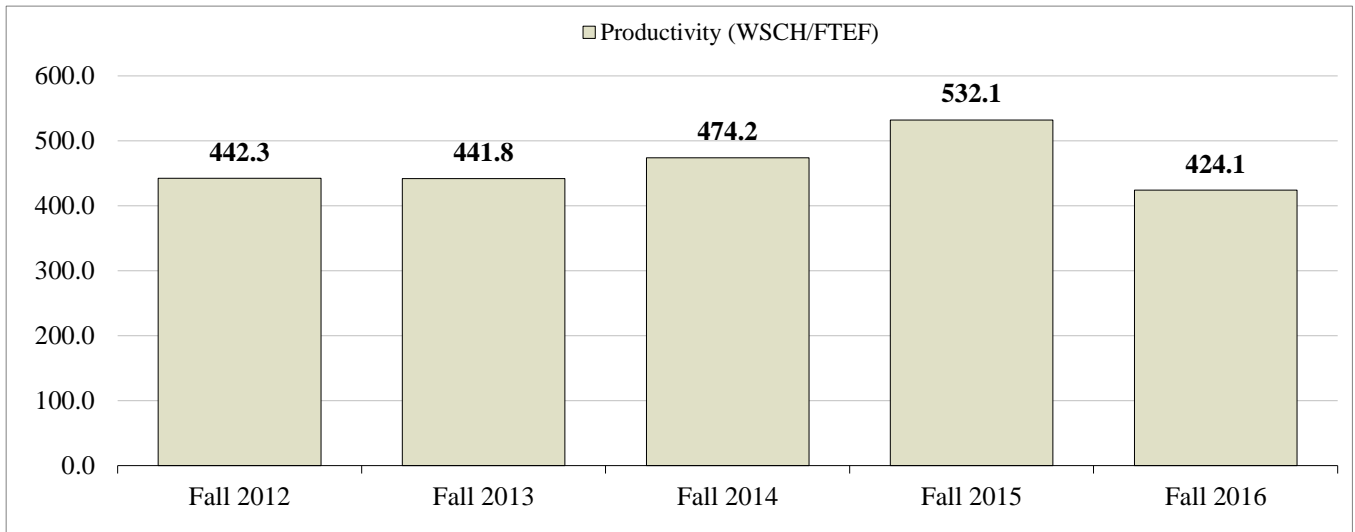
**Definitions:**

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

**Course Completion Rate** is the percentage of students receiving any grade other than 'W' relative to all students receiving a grade.

## Enrollment Management: Part 1

Physics ( PHYS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
WSCH	981	980	881	1,167	1,117
FTES	31.2	30.7	28.0	37.5	35.2
FTEF	2.2	2.2	1.9	2.2	2.6
Productivity (WSCH/FTEF)	442.3	441.8	474.2	532.1	424.1



**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.

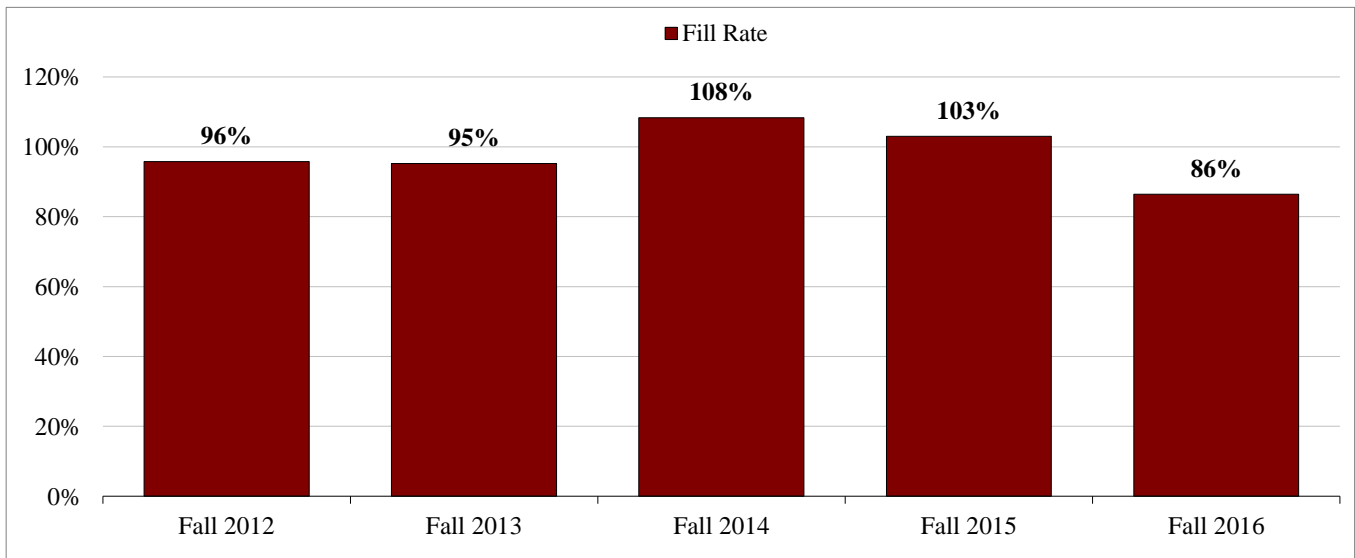
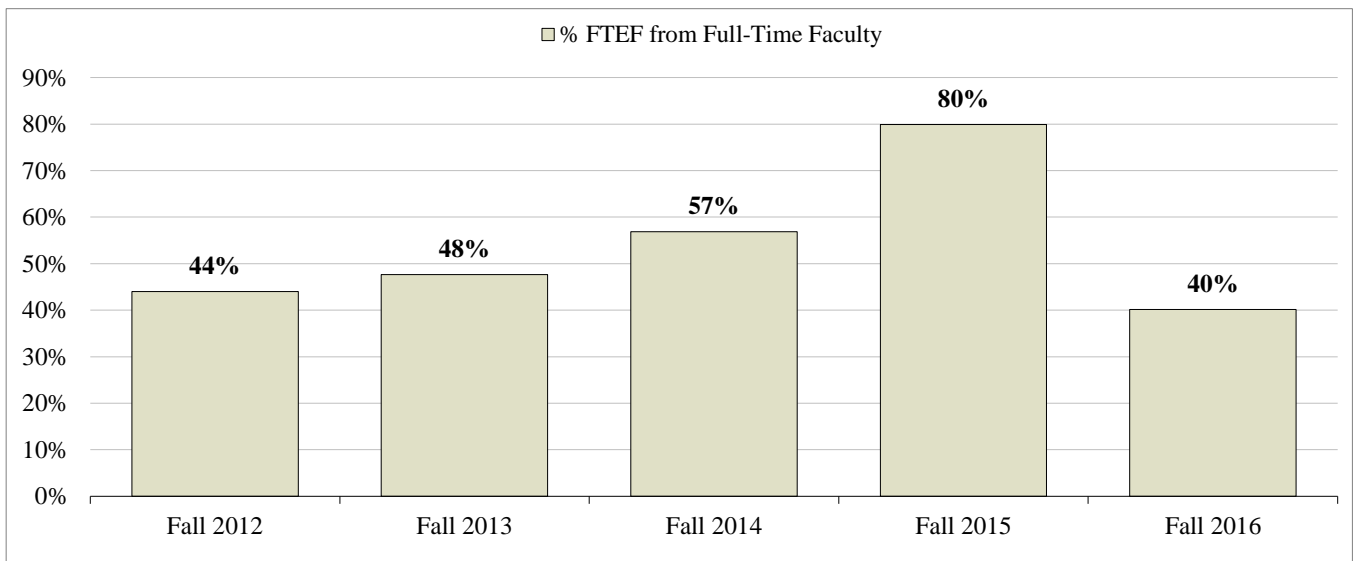
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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

**Note:** Enrollment Management data includes all credit courses accounted for during the respective academic terms; data accessed on 5/9/17.

## Enrollment Management: Part 2

Physics ( PHYS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
FTEF from Full-Time Faculty	1.0	1.1	1.1	1.8	1.1
% FTEF from Full-Time Faculty	44%	48%	57%	80%	40%
Enrollments	180	179	130	173	166
Capacity (seats available)	188	188	120	168	192
Fill Rate	96%	95%	108%	103%	86%



**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 5/9/17.