



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

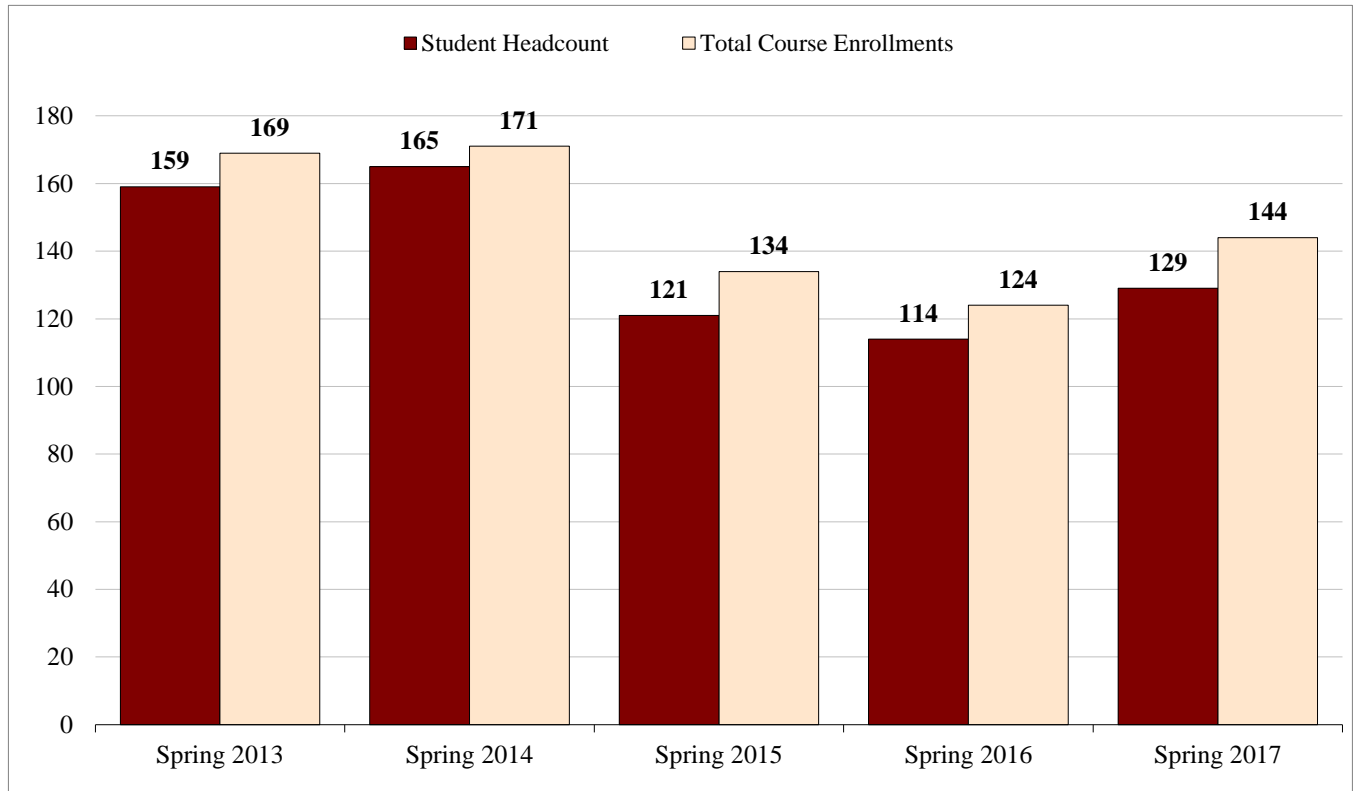
Discipline:

**Astronomy (ASTR)**

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## Headcount & Enrollment

Astronomy ( ASTR )					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
Student Headcount	159	165	121	114	129
Total Course Enrollments	169	171	134	124	144



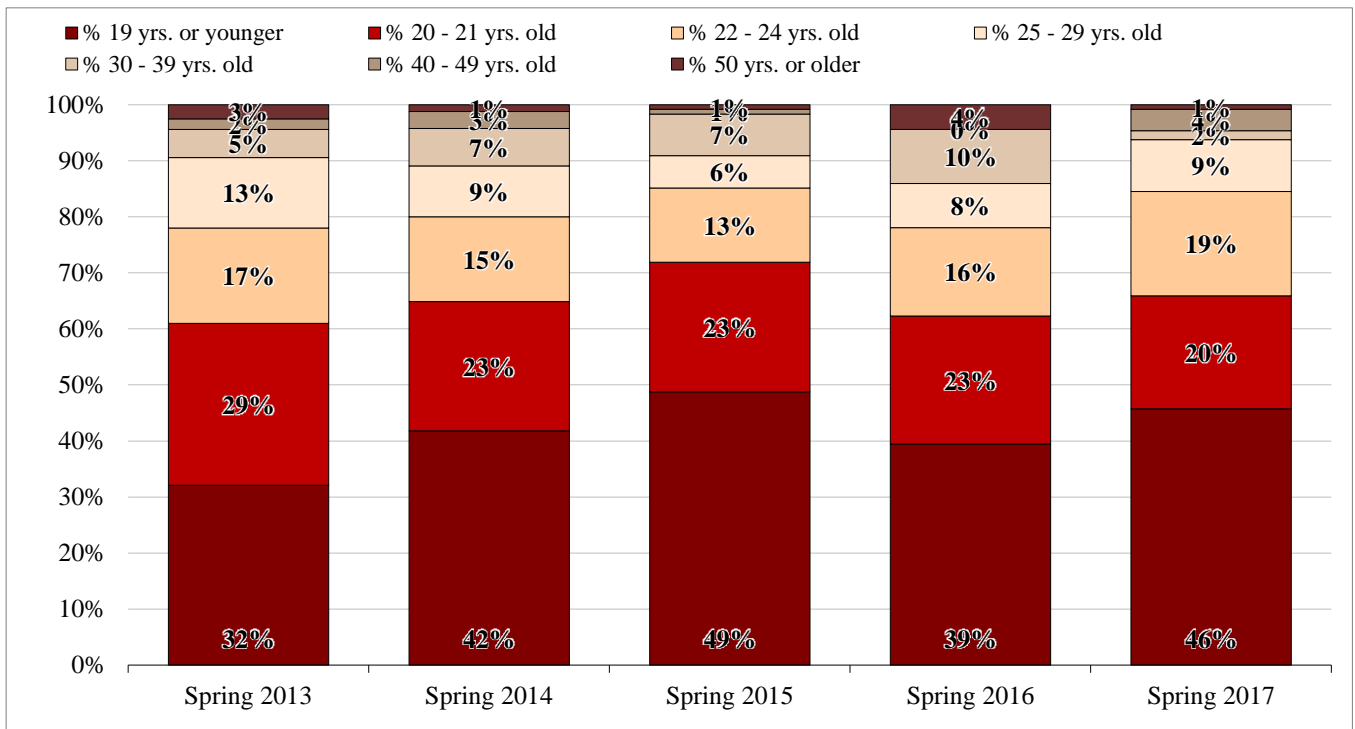
**Definitions:**

**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.

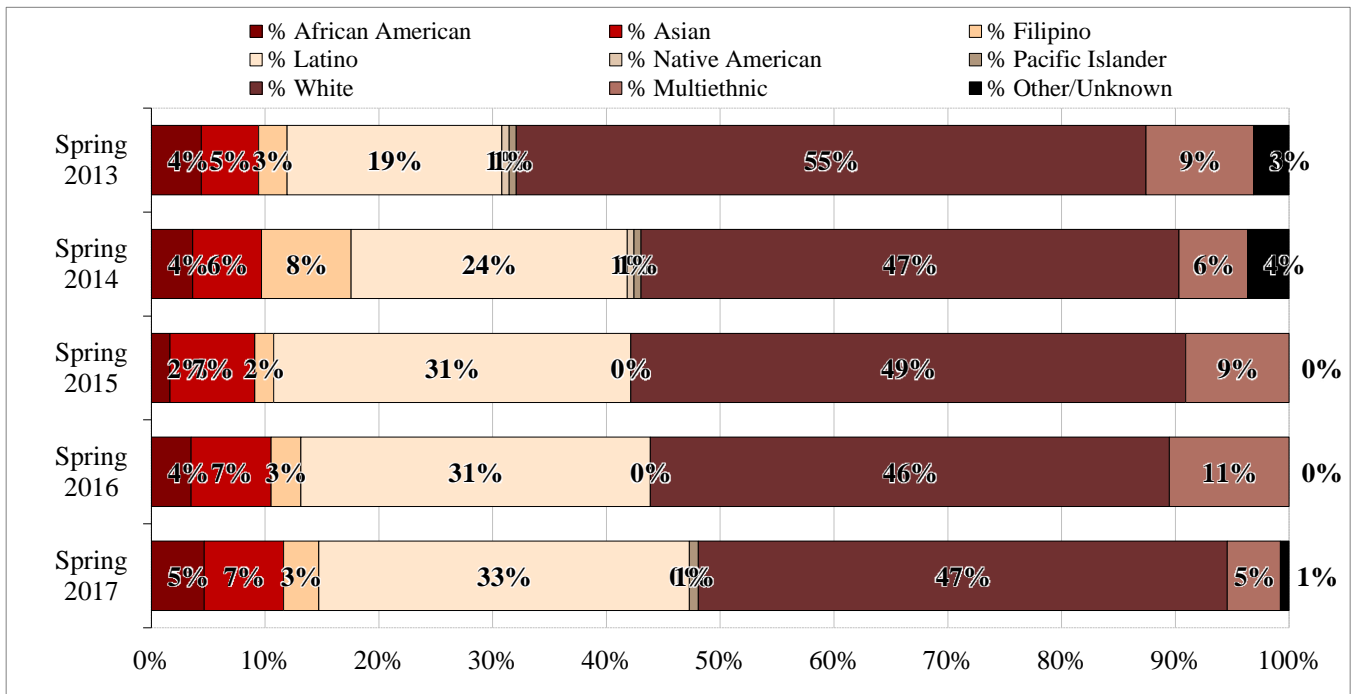
### Student Demographics: Gender & Age

Astronomy ( ASTR )					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
Female	78	75	45	52	56
Male	80	88	76	61	71
19 yrs. or younger	51	69	59	45	59
20-21 yrs. old	46	38	28	26	26
22-24 yrs. old	27	25	16	18	24
25-29 yrs. old	20	15	7	9	12
30-39 yrs. old	8	11	9	11	2
40-49 yrs. old	3	5	1	0	5
50 yrs. or older	4	2	1	5	1
% Female	49%	46%	37%	46%	44%
% Male	51%	54%	63%	54%	56%
% 19 yrs. or younger	32%	42%	49%	39%	46%
% 20 - 21 yrs. old	29%	23%	23%	23%	20%
% 22 - 24 yrs. old	17%	15%	13%	16%	19%
% 25 - 29 yrs. old	13%	9%	6%	8%	9%
% 30 - 39 yrs. old	5%	7%	7%	10%	2%
% 40 - 49 yrs. old	2%	3%	1%	0%	4%
% 50 yrs. or older	3%	1%	1%	4%	1%



### Student Demographic: Race-Ethnicity

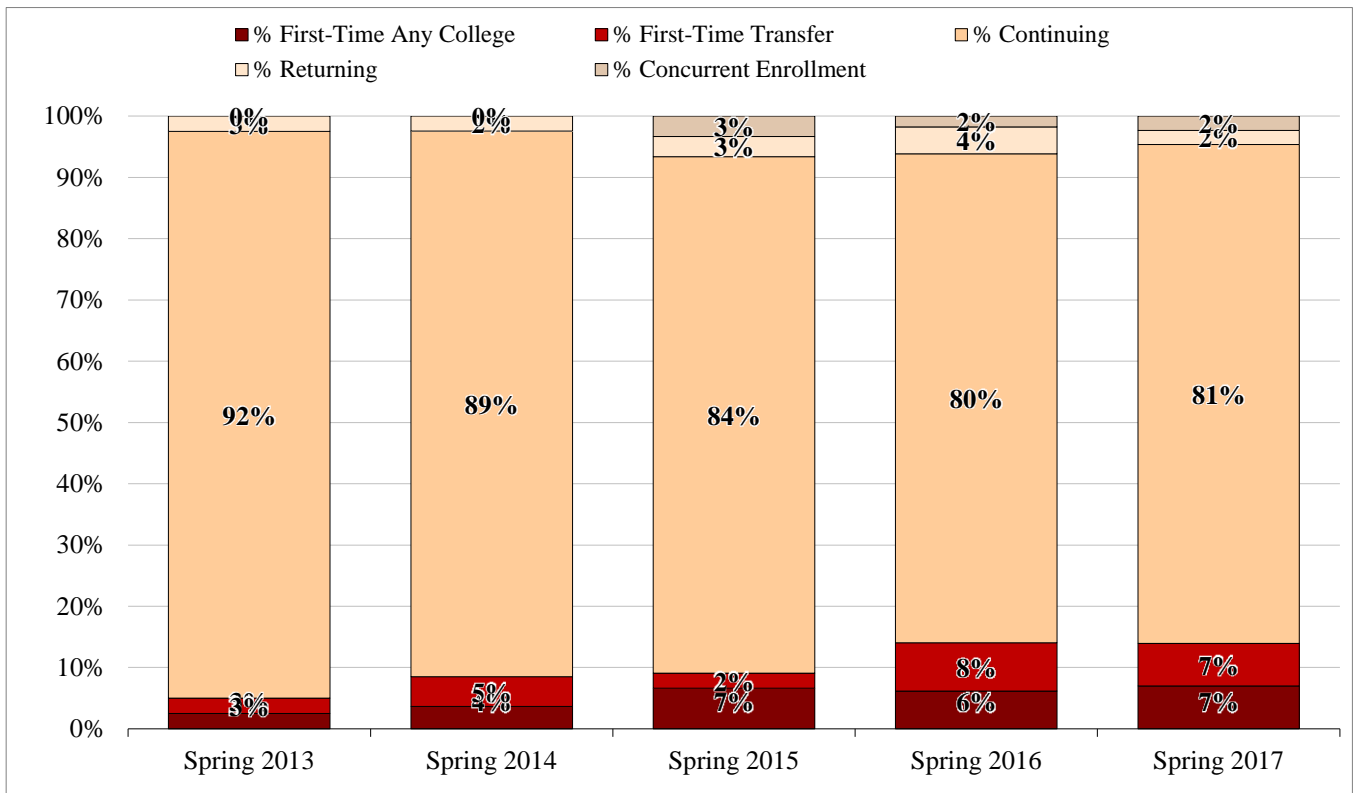
Astronomy ( ASTR )					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
African American	7	6	2	4	6
Asian	8	10	9	8	9
Filipino	4	13	2	3	4
Latino	30	40	38	35	42
Native American	1	1	0	0	0
Pacific Islander	1	1	0	0	1
White	88	78	59	52	60
Multiethnic	15	10	11	12	6
Other/Unknown	5	6	0	0	1
% African American	4%	4%	2%	4%	5%
% Asian	5%	6%	7%	7%	7%
% Filipino	3%	8%	2%	3%	3%
% Latino	19%	24%	31%	31%	33%
% Native American	1%	1%	0%	0%	0%
% Pacific Islander	1%	1%	0%	0%	1%
% White	55%	47%	49%	46%	47%
% Multiethnic	9%	6%	9%	11%	5%
% Other/Unknown	3%	4%	0%	0%	1%



Note: Multiethnic category became available in Fall 2011.

## Student Enrollment Status

Astronomy ( ASTR )					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
First-Time Any College	4	6	8	7	9
First-Time Transfer	4	8	3	9	9
Continuing	147	147	102	91	105
Returning	4	4	4	5	3
Concurrent Enrollment	0	0	4	2	3
% First-Time Any College	3%	4%	7%	6%	7%
% First-Time Transfer	3%	5%	2%	8%	7%
% Continuing	92%	89%	84%	80%	81%
% Returning	3%	2%	3%	4%	2%
% Concurrent Enrollment	0%	0%	3%	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.

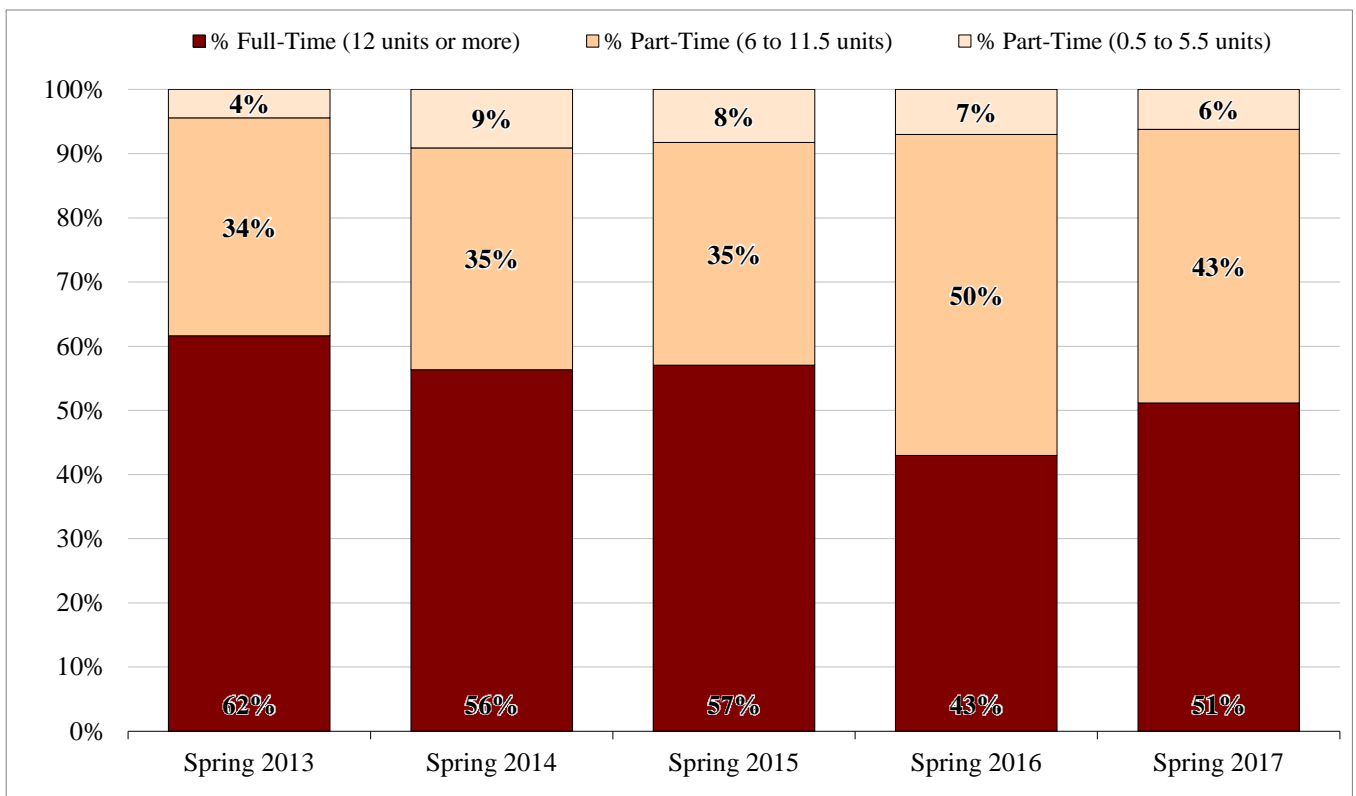
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

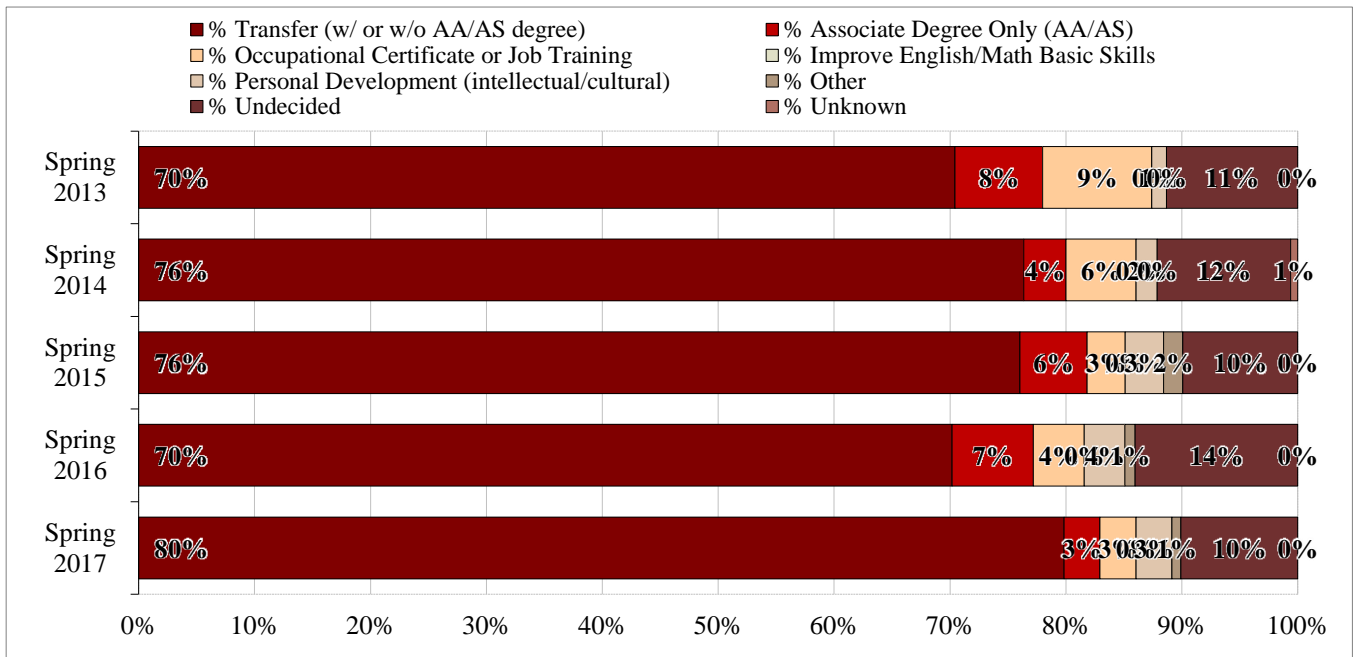
## Student Unit Load

Astronomy ( ASTR )					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
Full-Time (12 units or more)	98	93	69	49	66
Part-Time (6 to 11.5 units)	54	57	42	57	55
Part-Time (0.5 to 5.5 units)	7	15	10	8	8
% Full-Time (12 units or more)	62%	56%	57%	43%	51%
% Part-Time (6 to 11.5 units)	34%	35%	35%	50%	43%
% Part-Time (0.5 to 5.5 units)	4%	9%	8%	7%	6%



### Student Educational Goal

Astronomy ( ASTR )					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
Transfer (w/ or w/o AA/AS degree)	112	126	92	80	103
Associate Degree Only (AA/AS)	12	6	7	8	4
Occupational Certificate or Job Training	15	10	4	5	4
Improve English/Math Basic Skills	0	0	0	0	0
Personal Development (intellectual/cultural)	2	3	4	4	4
Other	0	0	2	1	1
Undecided	18	19	12	16	13
Unknown	0	1	0	0	0
% Transfer (w/ or w/o AA/AS degree)	70%	76%	76%	70%	80%
% Associate Degree Only (AA/AS)	8%	4%	6%	7%	3%
% Occupational Certificate or Job Training	9%	6%	3%	4%	3%
% Improve English/Math Basic Skills	0%	0%	0%	0%	0%
% Personal Development (intellectual/cultural)	1%	2%	3%	4%	3%
% Other	0%	0%	2%	1%	1%
% Undecided	11%	12%	10%	14%	10%
% Unknown	0%	1%	0%	0%	0%



**Definitions:**

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

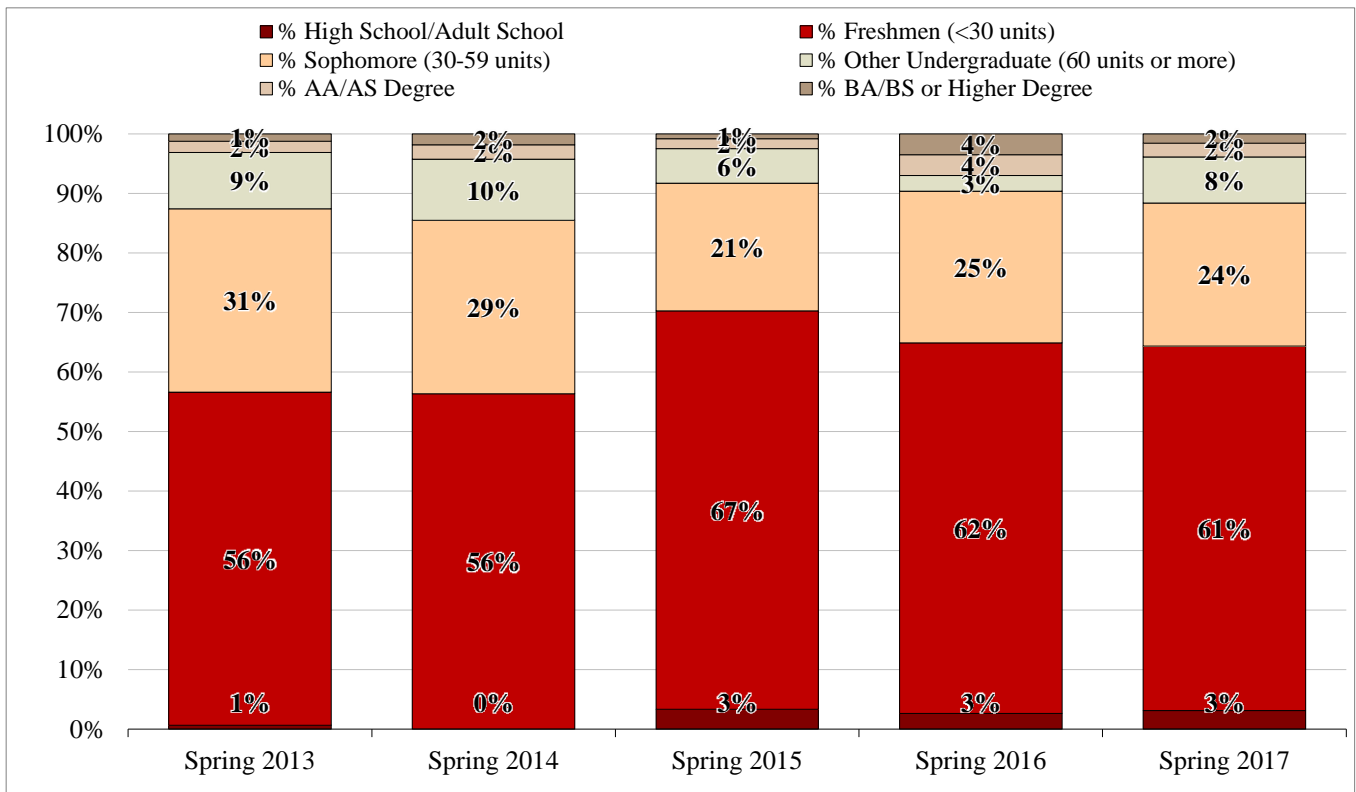
**Occupational Certificate/Job Training:** Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

**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

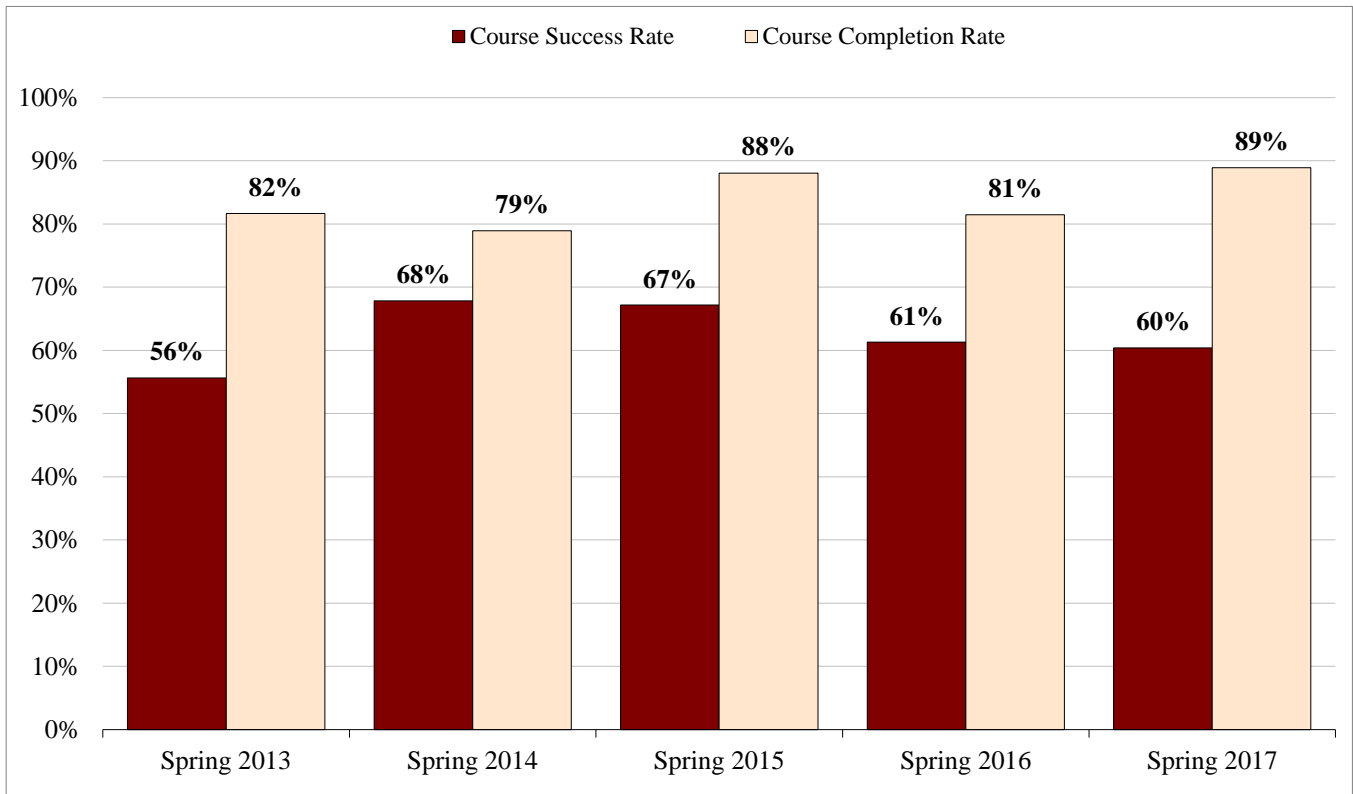
Astronomy ( ASTR )					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
High School/Adult School	1	0	4	3	4
Freshmen (<30 units)	89	93	81	71	79
Sophomore (30-59 units)	49	48	26	29	31
Other Undergraduate (60 units or more)	15	17	7	3	10
AA/AS Degree	3	4	2	4	3
BA/BS or Higher Degree	2	3	1	4	2
% High School/Adult School	1%	0%	3%	3%	3%
% Freshmen (<30 units)	56%	56%	67%	62%	61%
% Sophomore (30-59 units)	31%	29%	21%	25%	24%
% Other Undergraduate (60 units or more)	9%	10%	6%	3%	8%
% AA/AS Degree	2%	2%	2%	4%	2%
% BA/BS or Higher Degree	1%	2%	1%	4%	2%





## Student Performance

Astronomy ( ASTR )					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
Course Success Rate	56%	68%	67%	61%	60%
Course Completion Rate	82%	79%	88%	81%	89%



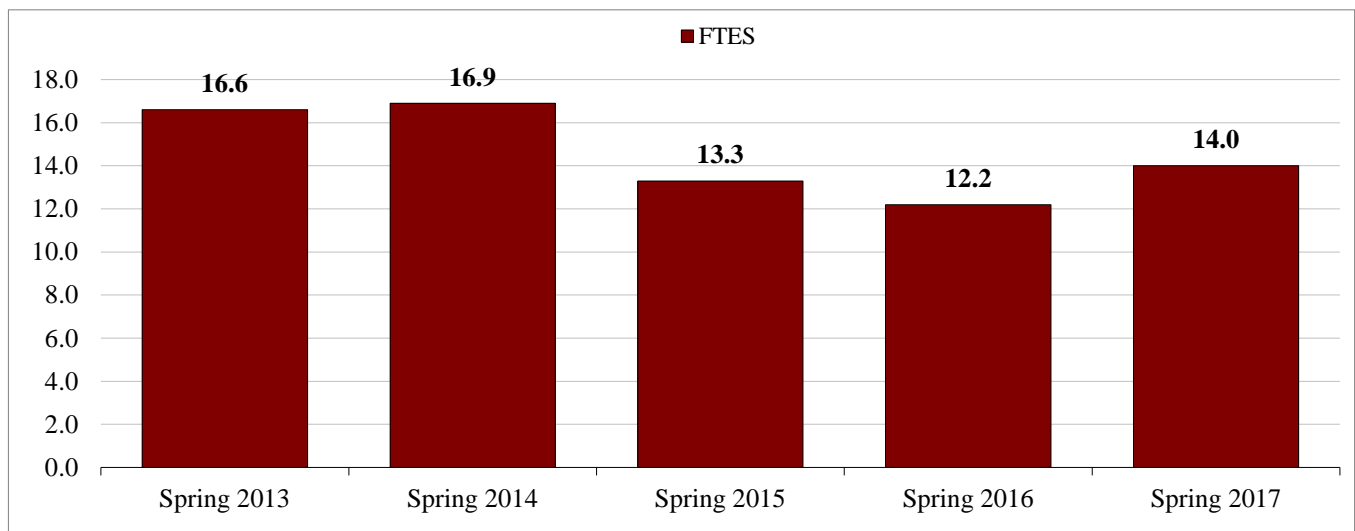
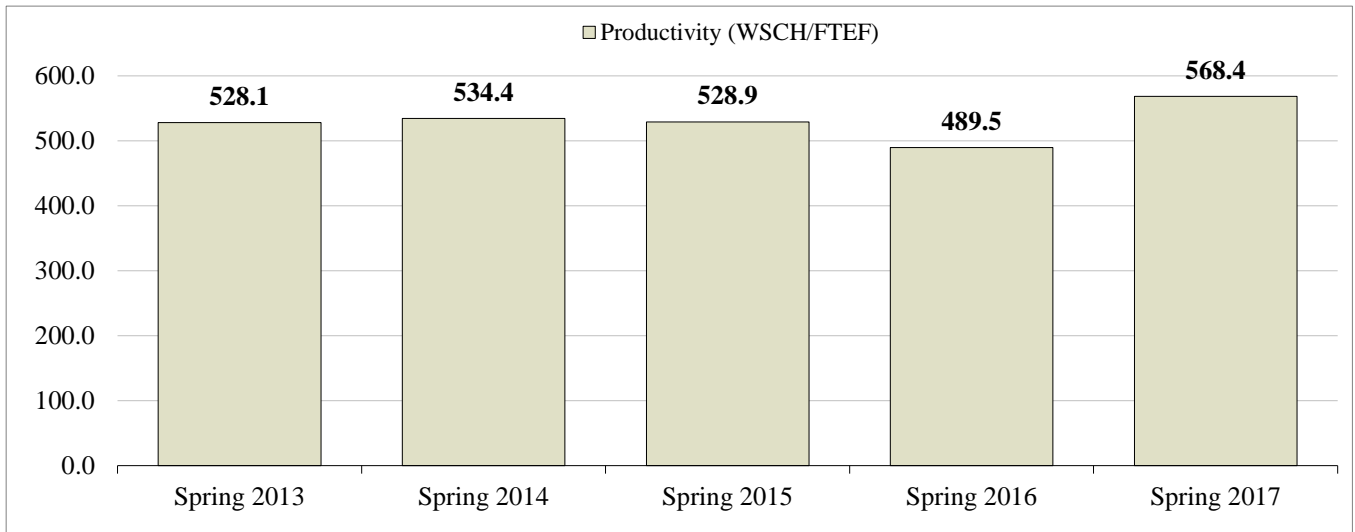
**Definitions:**

**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

Astronomy ( ASTR )					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
WSCH	507	513	402	372	432
FTES	16.6	16.9	13.3	12.2	14.0
FTEF	1.0	1.0	0.8	0.8	0.8
Productivity (WSCH/FTEF)	528.1	534.4	528.9	489.5	568.4



**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.

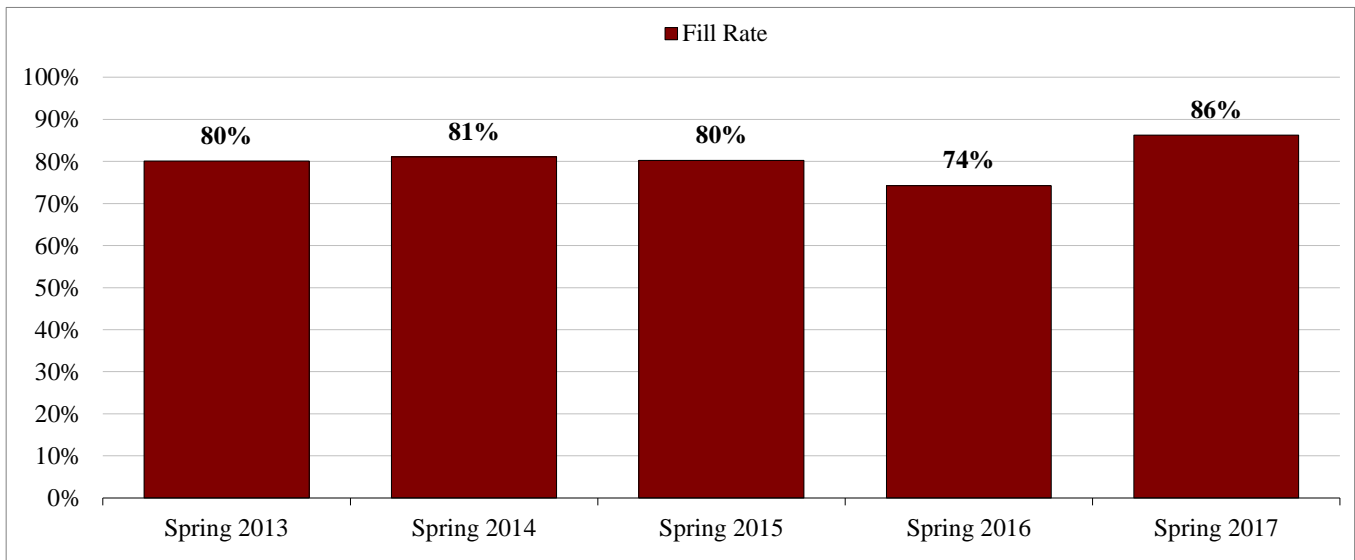
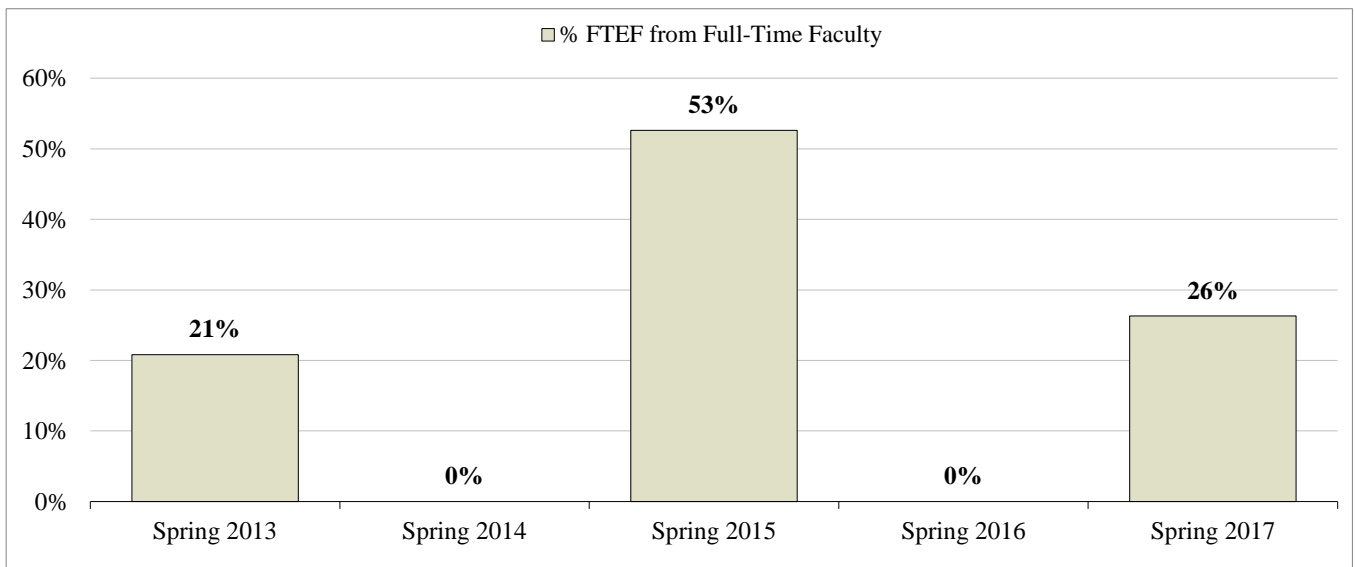
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**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 7/11/17.

## Enrollment Management: Part 2

Astronomy ( ASTR )					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
FTEF from Full-Time Faculty	0.2	0.0	0.4	0.0	0.2
% FTEF from Full-Time Faculty	21%	0%	53%	0%	26%
Enrollments	169	171	134	124	144
Capacity (seats available)	211	211	167	167	167
Fill Rate	80%	81%	80%	74%	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 7/11/17.