



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

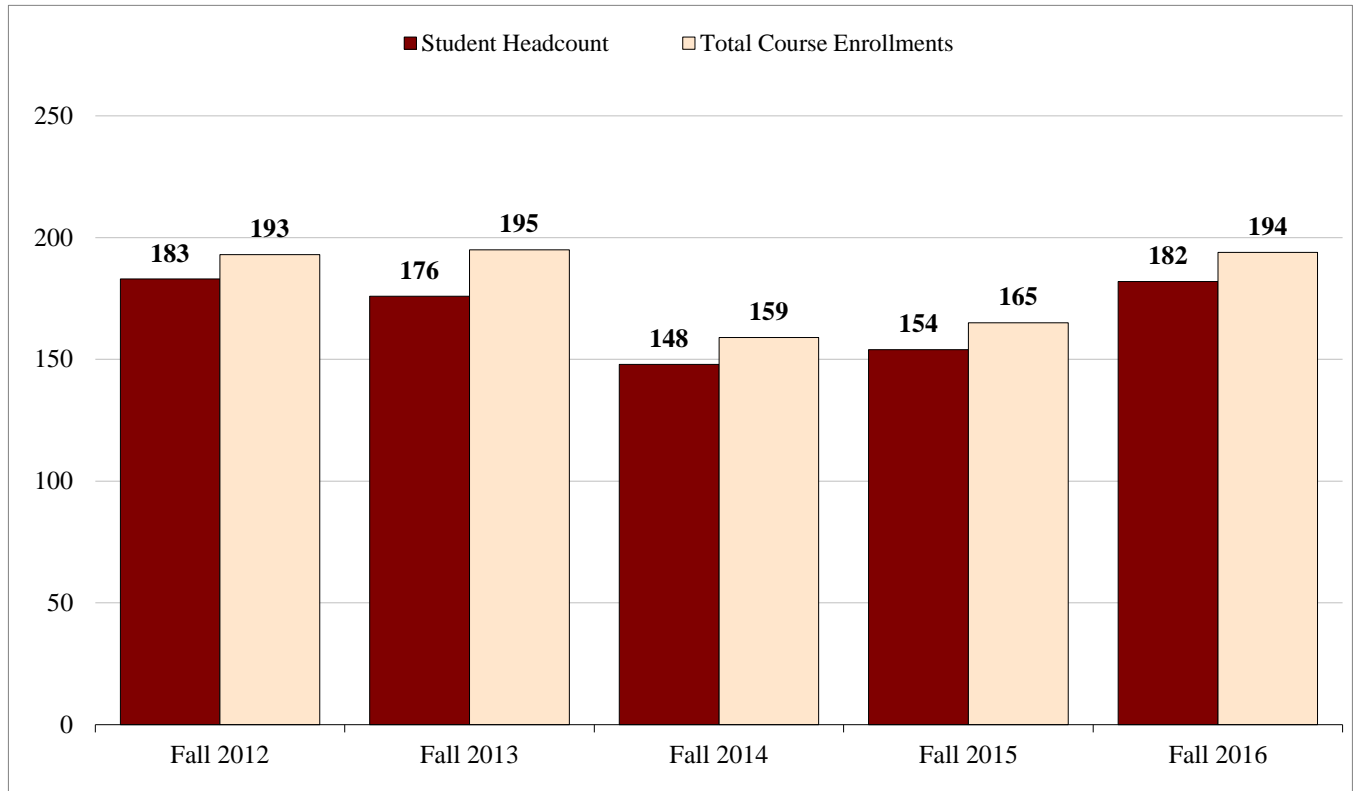
Discipline:

Astronomy (ASTR)

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Headcount & Enrollment

Astronomy (ASTR)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Student Headcount	183	176	148	154	182
Total Course Enrollments	193	195	159	165	194



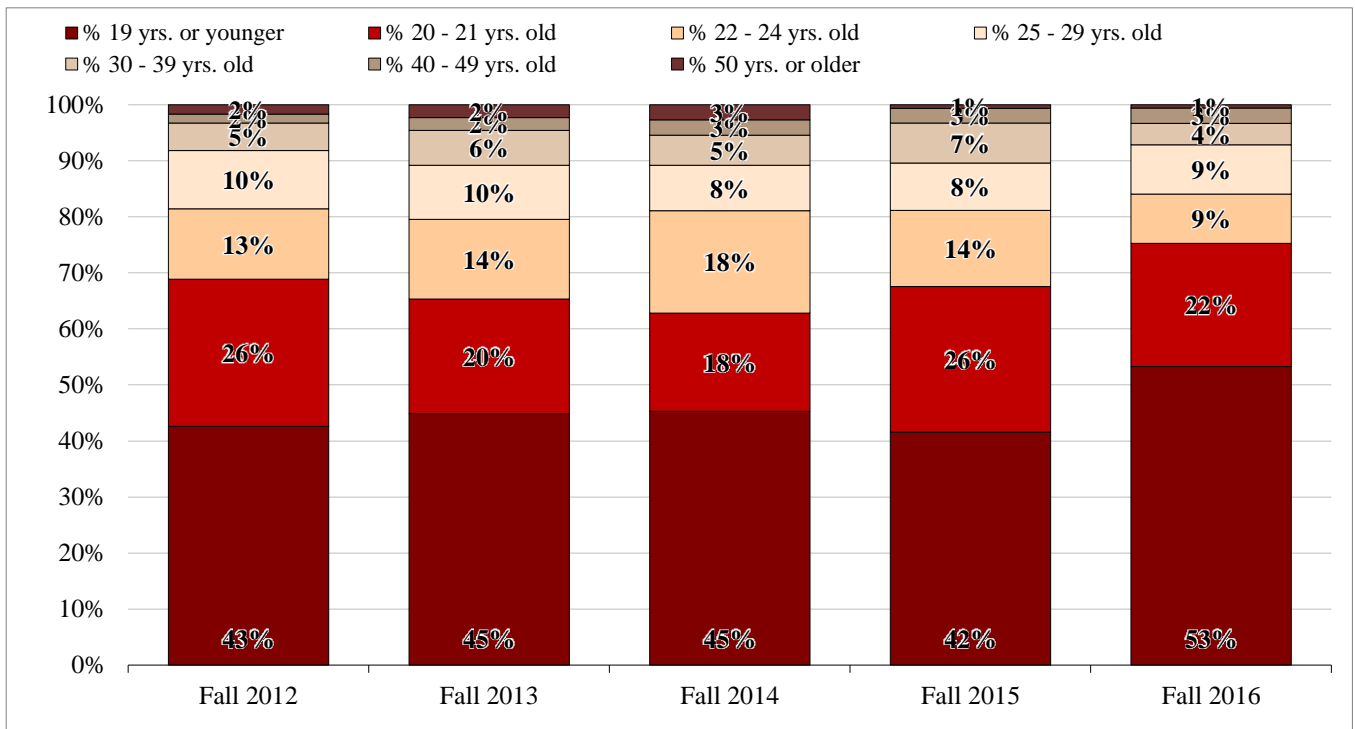
Definitions:

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.

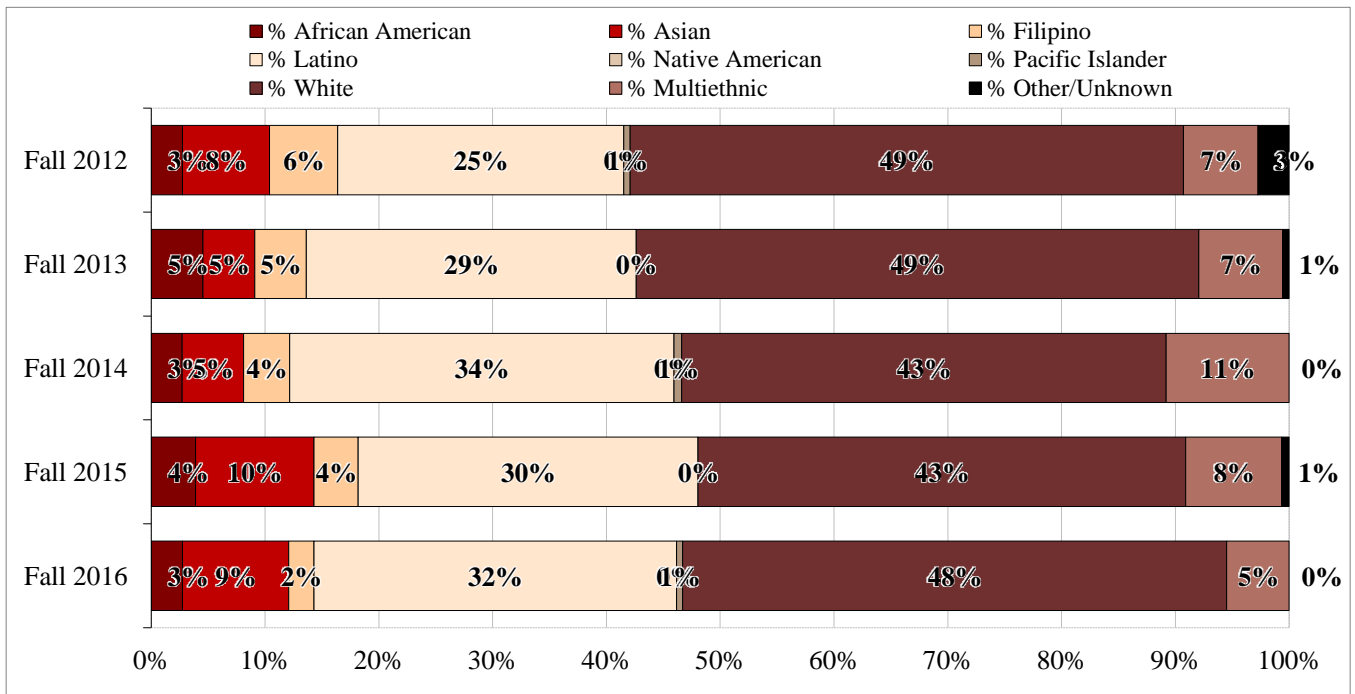
Student Demographics: Gender & Age

Astronomy (ASTR)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Female	90	83	74	67	67
Male	92	91	71	84	112
19 yrs. or younger	78	79	67	64	97
20-21 yrs. old	48	36	26	40	40
22-24 yrs. old	23	25	27	21	16
25-29 yrs. old	19	17	12	13	16
30-39 yrs. old	9	11	8	11	7
40-49 yrs. old	3	4	4	4	5
50 yrs. or older	3	4	4	1	1
% Female	49%	48%	51%	44%	37%
% Male	51%	52%	49%	56%	63%
% 19 yrs. or younger	43%	45%	45%	42%	53%
% 20 - 21 yrs. old	26%	20%	18%	26%	22%
% 22 - 24 yrs. old	13%	14%	18%	14%	9%
% 25 - 29 yrs. old	10%	10%	8%	8%	9%
% 30 - 39 yrs. old	5%	6%	5%	7%	4%
% 40 - 49 yrs. old	2%	2%	3%	3%	3%
% 50 yrs. or older	2%	2%	3%	1%	1%



Student Demographic: Race-Ethnicity

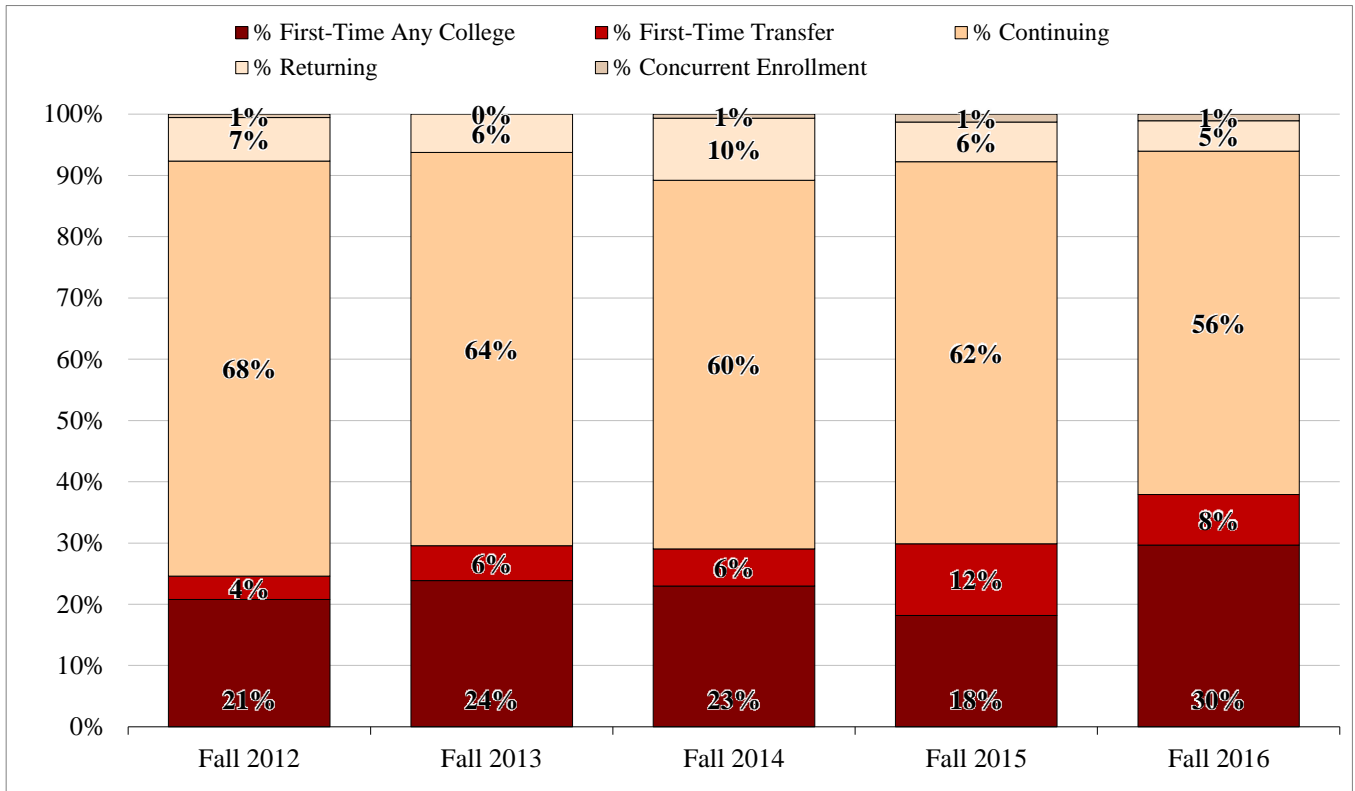
Astronomy (ASTR)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
African American	5	8	4	6	5
Asian	14	8	8	16	17
Filipino	11	8	6	6	4
Latino	46	51	50	46	58
Native American	0	0	0	0	0
Pacific Islander	1	0	1	0	1
White	89	87	63	66	87
Multiethnic	12	13	16	13	10
Other/Unknown	5	1	0	1	0
% African American	3%	5%	3%	4%	3%
% Asian	8%	5%	5%	10%	9%
% Filipino	6%	5%	4%	4%	2%
% Latino	25%	29%	34%	30%	32%
% Native American	0%	0%	0%	0%	0%
% Pacific Islander	1%	0%	1%	0%	1%
% White	49%	49%	43%	43%	48%
% Multiethnic	7%	7%	11%	8%	5%
% Other/Unknown	3%	1%	0%	1%	0%



Note: Multiethnic category became available in Fall 2011.

Student Enrollment Status

Astronomy (ASTR)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
First-Time Any College	38	42	34	28	54
First-Time Transfer	7	10	9	18	15
Continuing	124	113	89	96	102
Returning	13	11	15	10	9
Concurrent Enrollment	1	0	1	2	2
% First-Time Any College	21%	24%	23%	18%	30%
% First-Time Transfer	4%	6%	6%	12%	8%
% Continuing	68%	64%	60%	62%	56%
% Returning	7%	6%	10%	6%	5%
% Concurrent Enrollment	1%	0%	1%	1%	1%



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.

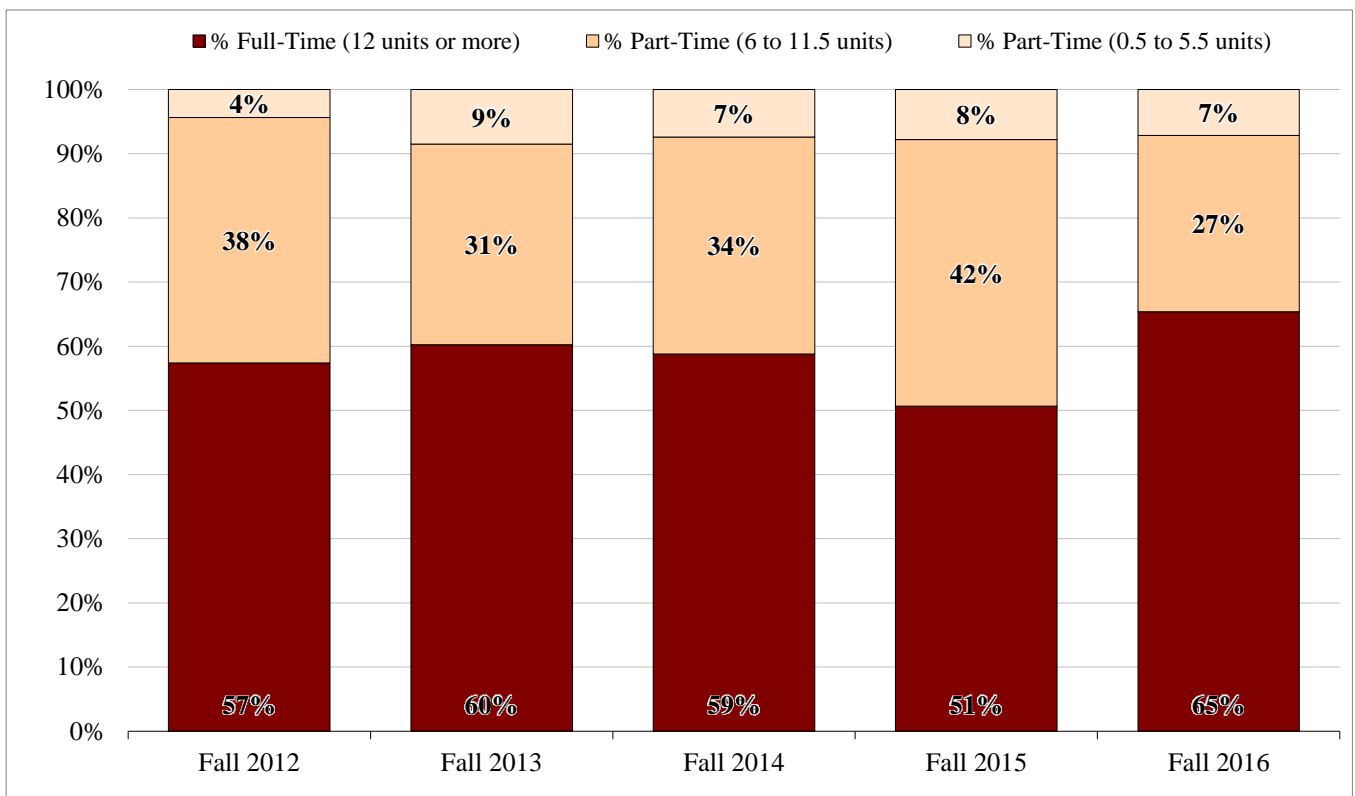
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

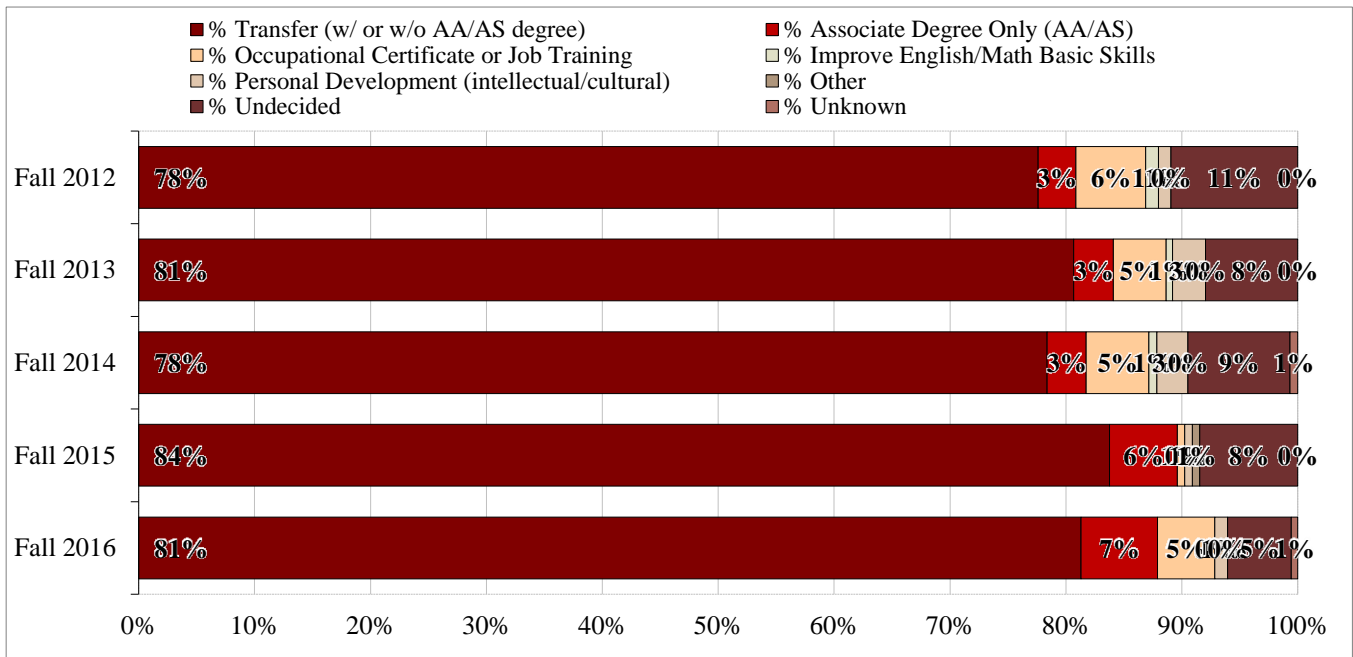
Student Unit Load

Astronomy (ASTR)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Full-Time (12 units or more)	105	106	87	78	119
Part-Time (6 to 11.5 units)	70	55	50	64	50
Part-Time (0.5 to 5.5 units)	8	15	11	12	13
% Full-Time (12 units or more)	57%	60%	59%	51%	65%
% Part-Time (6 to 11.5 units)	38%	31%	34%	42%	27%
% Part-Time (0.5 to 5.5 units)	4%	9%	7%	8%	7%



Student Educational Goal

Astronomy (ASTR)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Transfer (w/ or w/o AA/AS degree)	142	142	116	129	148
Associate Degree Only (AA/AS)	6	6	5	9	12
Occupational Certificate or Job Training	11	8	8	1	9
Improve English/Math Basic Skills	2	1	1	0	0
Personal Development (intellectual/cultural)	2	5	4	1	2
Other	0	0	0	1	0
Undecided	20	14	13	13	10
Unknown	0	0	1	0	1
% Transfer (w/ or w/o AA/AS degree)	78%	81%	78%	84%	81%
% Associate Degree Only (AA/AS)	3%	3%	3%	6%	7%
% Occupational Certificate or Job Training	6%	5%	5%	1%	5%
% Improve English/Math Basic Skills	1%	1%	1%	0%	0%
% Personal Development (intellectual/cultural)	1%	3%	3%	1%	1%
% Other	0%	0%	0%	1%	0%
% Undecided	11%	8%	9%	8%	5%
% Unknown	0%	0%	1%	0%	1%



Definitions:

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

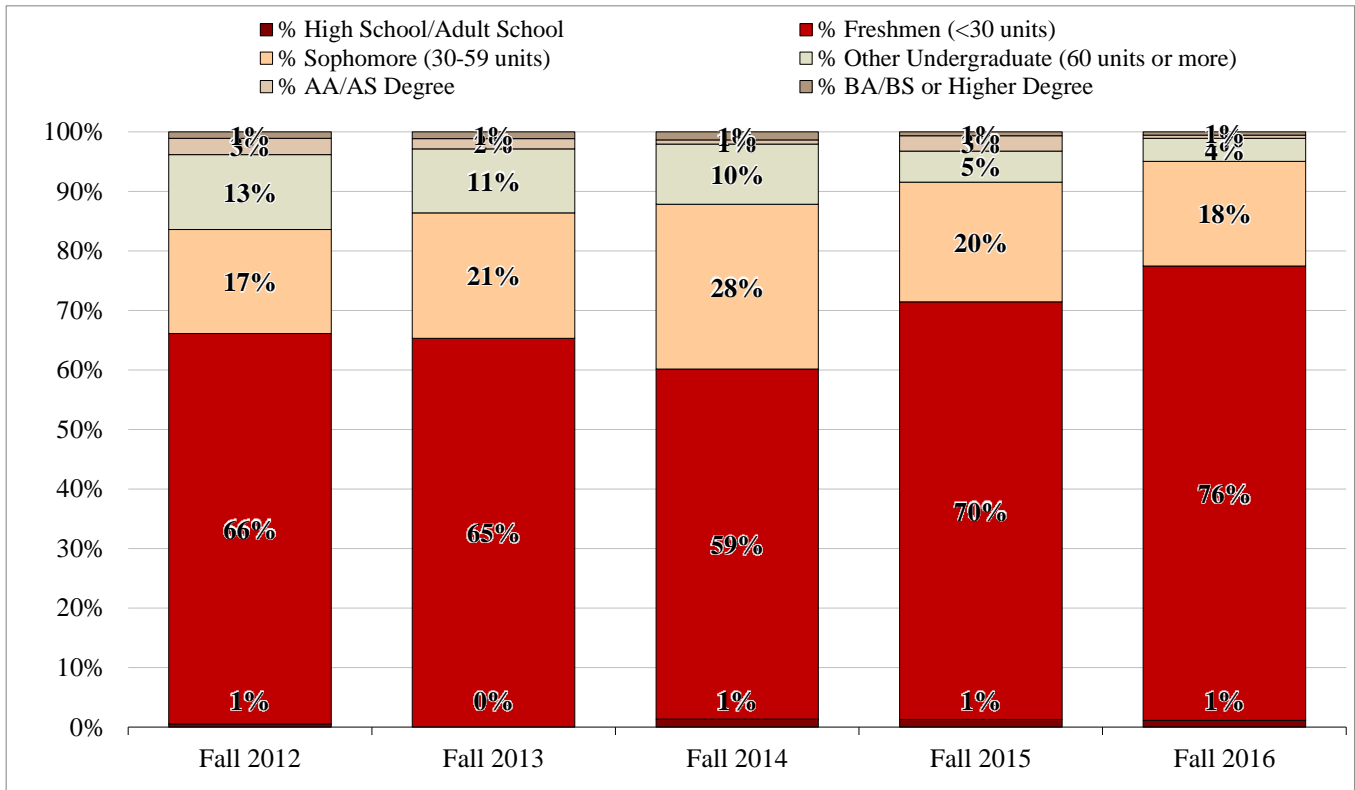
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

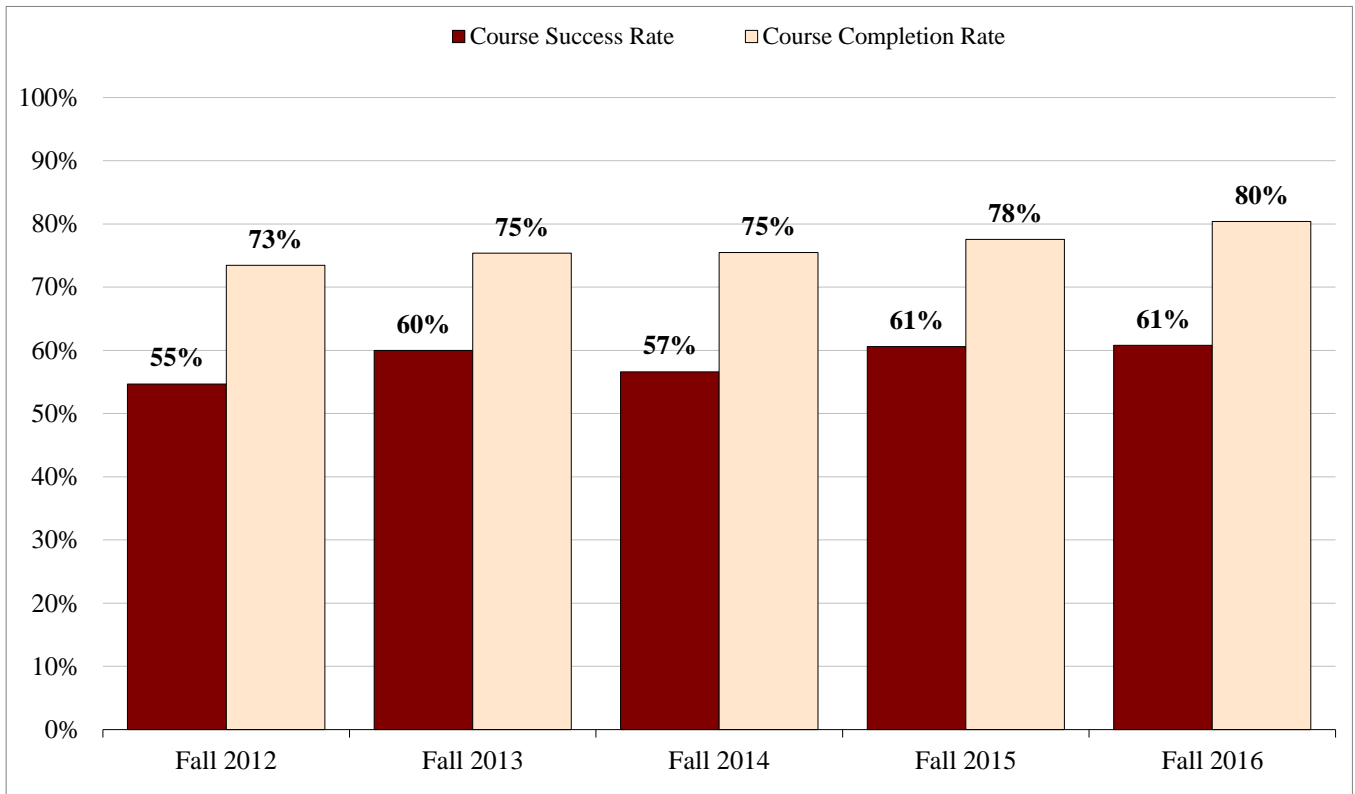
Highest Educational Level of Students

Astronomy (ASTR)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
High School/Adult School	1	0	2	2	2
Freshmen (<30 units)	120	115	87	108	139
Sophomore (30-59 units)	32	37	41	31	32
Other Undergraduate (60 units or more)	23	19	15	8	7
AA/AS Degree	5	3	1	4	1
BA/BS or Higher Degree	2	2	2	1	1
% High School/Adult School	1%	0%	1%	1%	1%
% Freshmen (<30 units)	66%	65%	59%	70%	76%
% Sophomore (30-59 units)	17%	21%	28%	20%	18%
% Other Undergraduate (60 units or more)	13%	11%	10%	5%	4%
% AA/AS Degree	3%	2%	1%	3%	1%
% BA/BS or Higher Degree	1%	1%	1%	1%	1%



Student Performance

Astronomy (ASTR)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Course Success Rate	55%	60%	57%	61%	61%
Course Completion Rate	73%	75%	75%	78%	80%



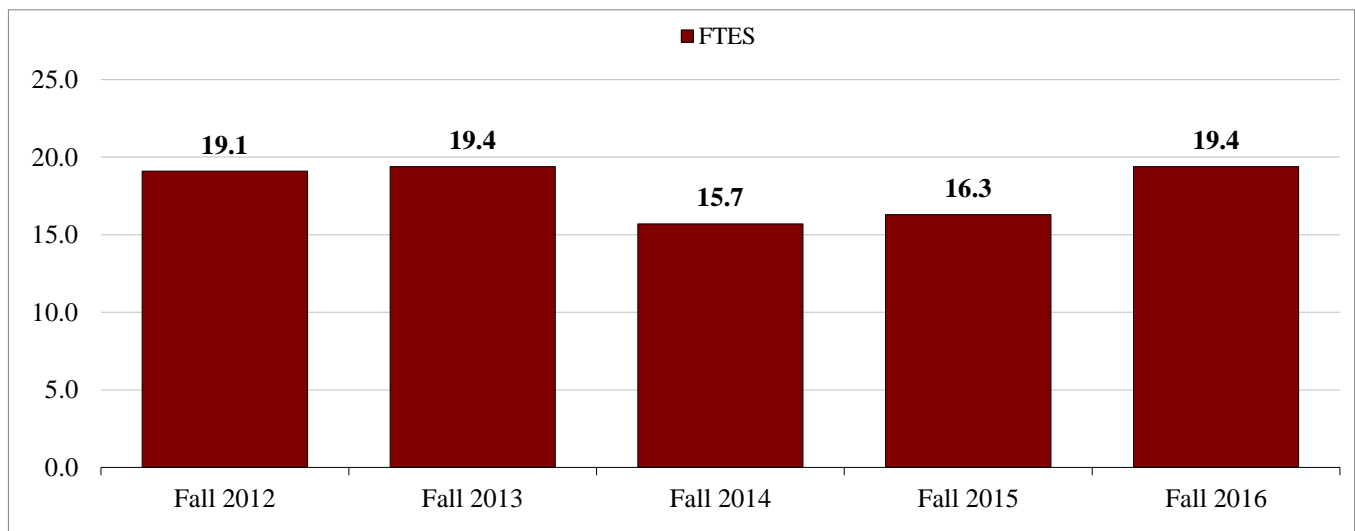
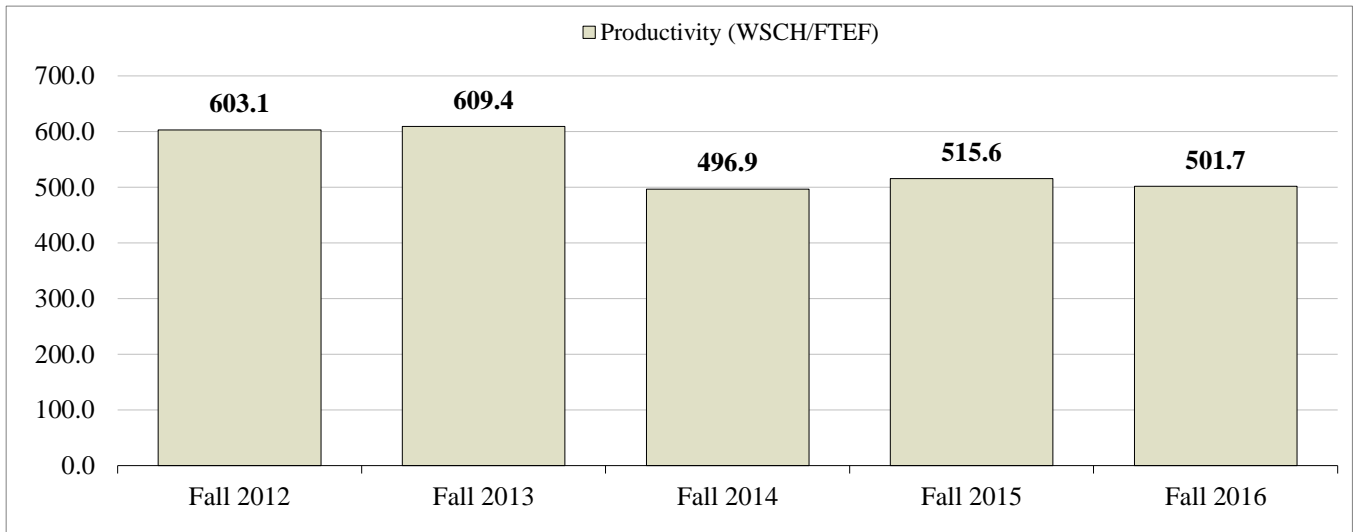
Definitions:

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				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
WSCH	579	585	477	495	582
FTES	19.1	19.4	15.7	16.3	19.4
FTEF	1.0	1.0	1.0	1.0	1.2
Productivity (WSCH/FTEF)	603.1	609.4	496.9	515.6	501.7



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.

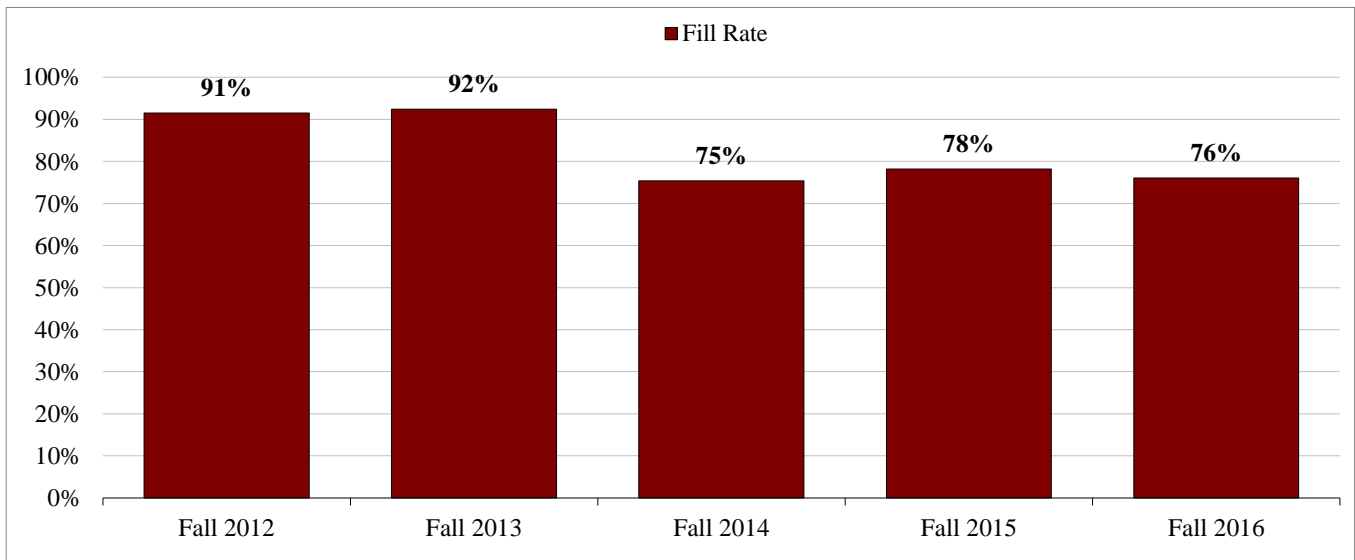
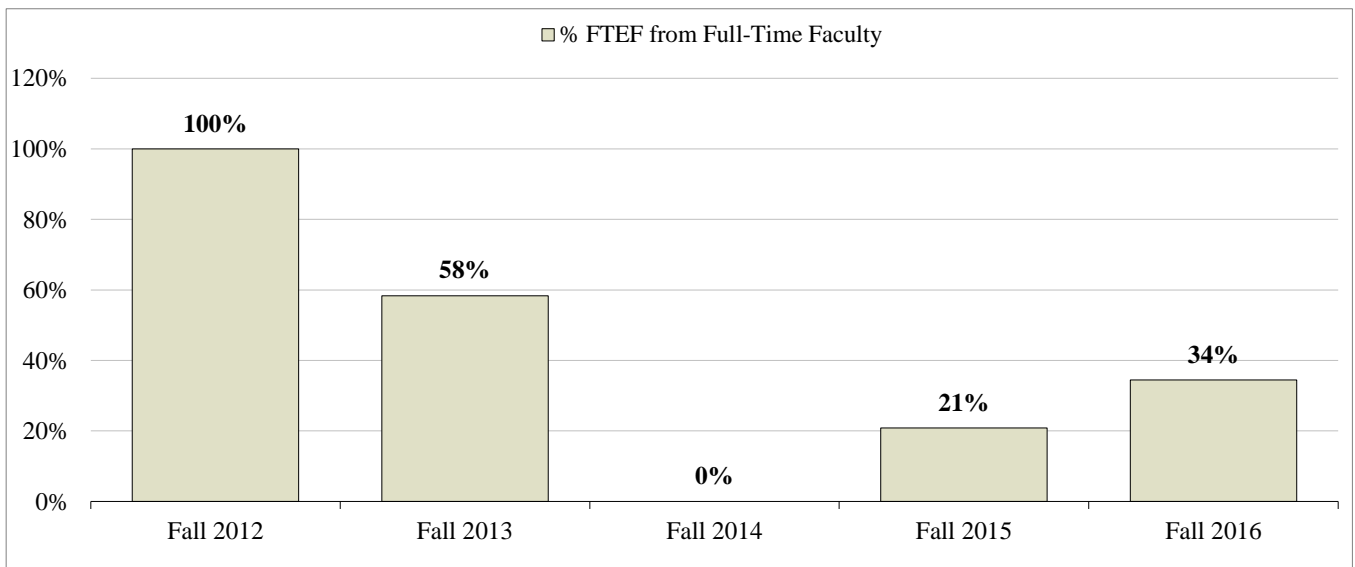
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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

Astronomy (ASTR)					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
FTEF from Full-Time Faculty	1.0	0.6	0.0	0.2	0.4
% FTEF from Full-Time Faculty	100%	58%	0%	21%	34%
Enrollments	193	195	159	165	194
Capacity (seats available)	211	211	211	211	255
Fill Rate	91%	92%	75%	78%	76%



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.