



Las Positas College
Program Review Discipline Data Packet
Spring 2014 to Spring 2018

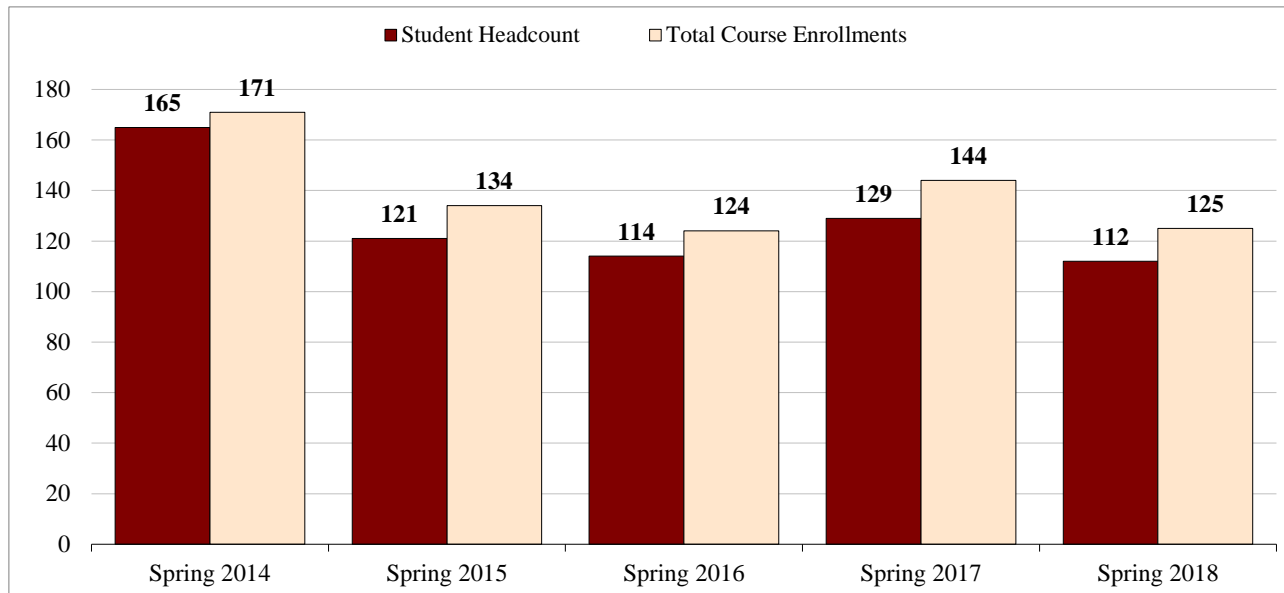
Discipline:

Astronomy (ASTR)

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Headcount & Enrollment

Astronomy (ASTR)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Student Headcount	165	121	114	129	112
Total Course Enrollments	171	134	124	144	125



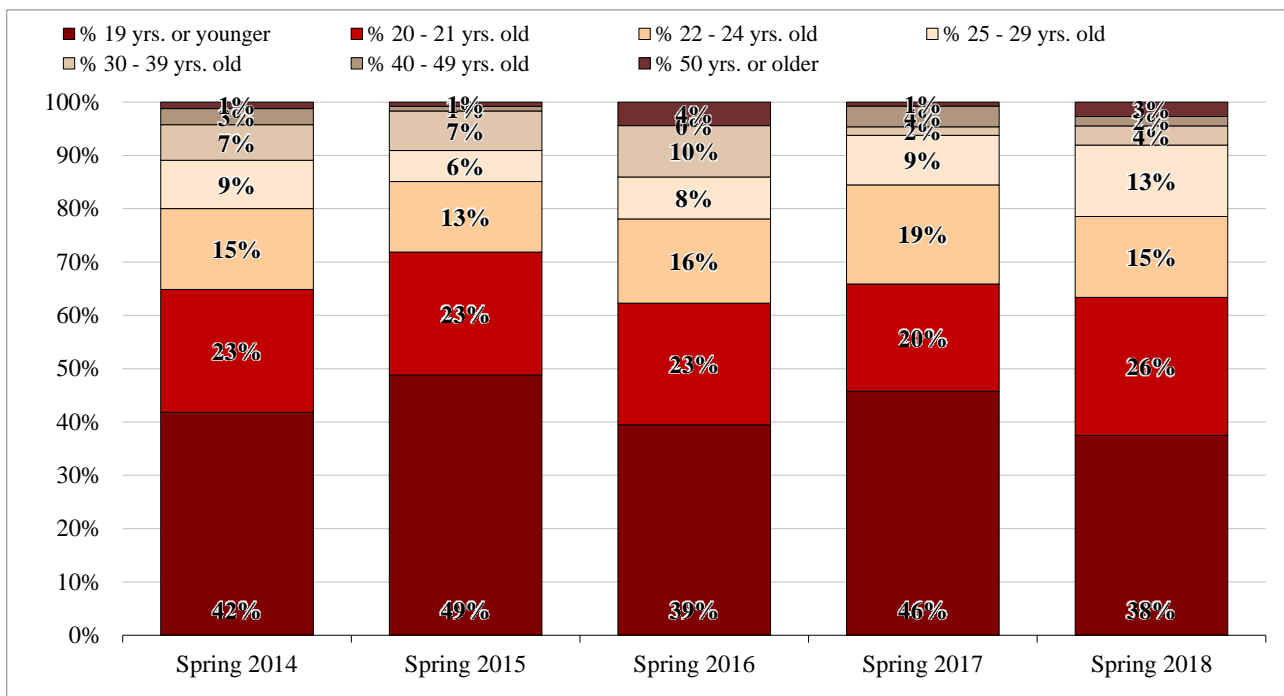
Definitions:

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.

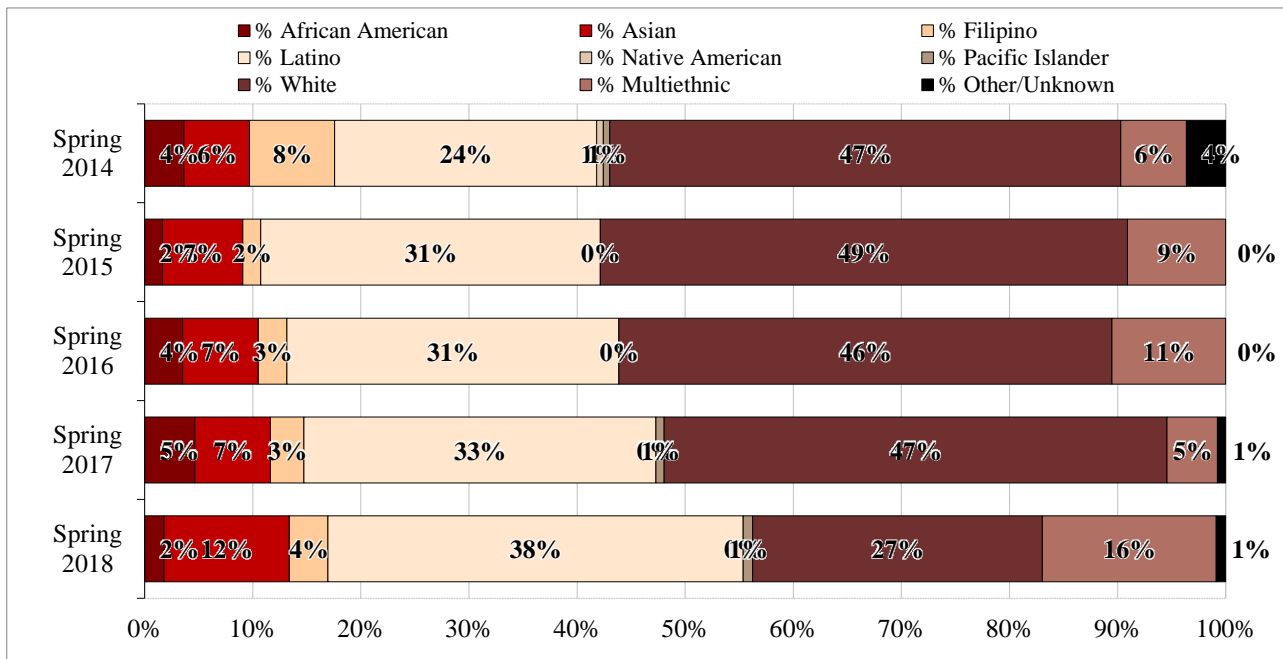
Student Demographics: Gender & Age

Astronomy (ASTR)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Female	75	45	52	56	56
Male	88	76	61	71	54
19 yrs. or younger	69	59	45	59	42
20-21 yrs. old	38	28	26	26	29
22-24 yrs. old	25	16	18	24	17
25-29 yrs. old	15	7	9	12	15
30-39 yrs. old	11	9	11	2	4
40-49 yrs. old	5	1	0	5	2
50 yrs. or older	2	1	5	1	3
% Female	46%	37%	46%	44%	51%
% Male	54%	63%	54%	56%	49%
% 19 yrs. or younger	42%	49%	39%	46%	38%
% 20 - 21 yrs. old	23%	23%	23%	20%	26%
% 22 - 24 yrs. old	15%	13%	16%	19%	15%
% 25 - 29 yrs. old	9%	6%	8%	9%	13%
% 30 - 39 yrs. old	7%	7%	10%	2%	4%
% 40 - 49 yrs. old	3%	1%	0%	4%	2%
% 50 yrs. or older	1%	1%	4%	1%	3%



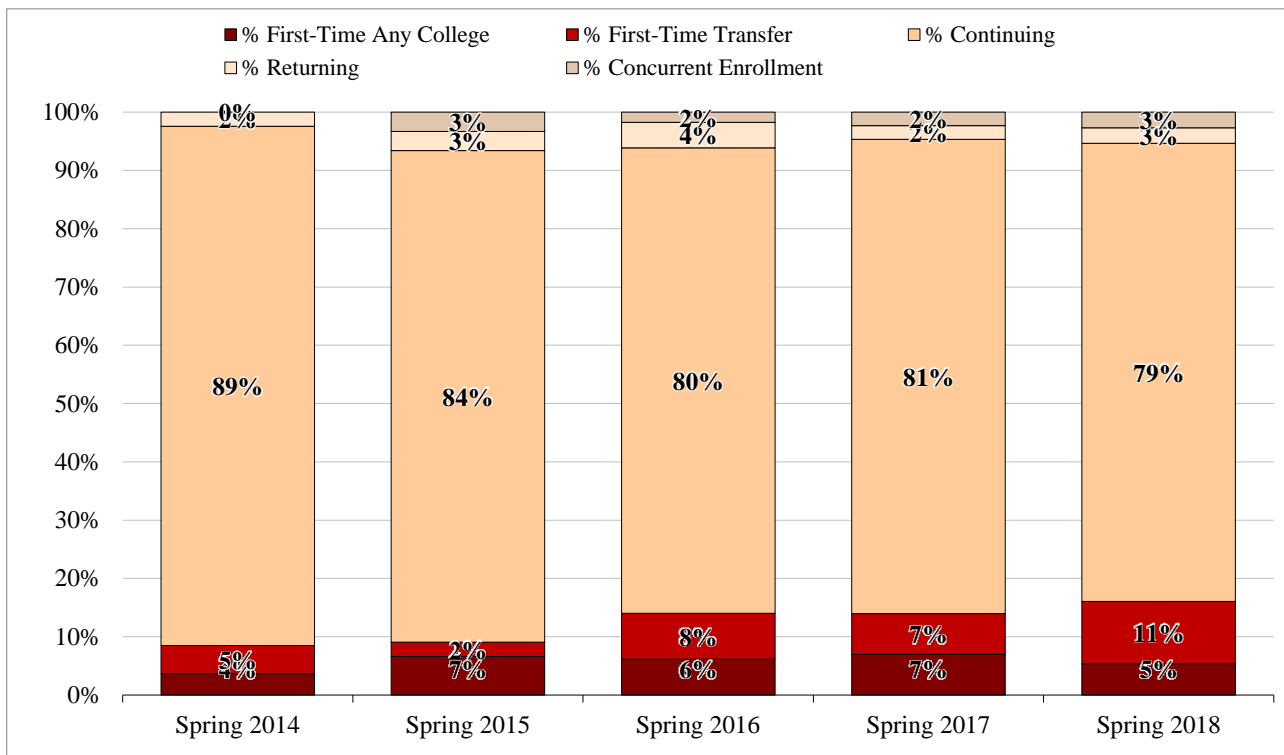
Student Demographic: Race-Ethnicity

Astronomy (ASTR)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
African American	6	2	4	6	2
Asian	10	9	8	9	13
Filipino	13	2	3	4	4
Latino	40	38	35	42	43
Native American	1	0	0	0	0
Pacific Islander	1	0	0	1	1
White	78	59	52	60	30
Multiethnic	10	11	12	6	18
Other/Unknown	6	0	0	1	1
% African American	4%	2%	4%	5%	2%
% Asian	6%	7%	7%	7%	12%
% Filipino	8%	2%	3%	3%	4%
% Latino	24%	31%	31%	33%	38%
% Native American	1%	0%	0%	0%	0%
% Pacific Islander	1%	0%	0%	1%	1%
% White	47%	49%	46%	47%	27%
% Multiethnic	6%	9%	11%	5%	16%
% Other/Unknown	4%	0%	0%	1%	1%



Student Enrollment Status

	Astronomy (ASTR)				
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
First-Time Any College	6	8	7	9	6
First-Time Transfer	8	3	9	9	12
Continuing	147	102	91	105	88
Returning	4	4	5	3	3
Concurrent Enrollment	0	4	2	3	3
% First-Time Any College	4%	7%	6%	7%	5%
% First-Time Transfer	5%	2%	8%	7%	11%
% Continuing	89%	84%	80%	81%	79%
% Returning	2%	3%	4%	2%	3%
% Concurrent Enrollment	0%	3%	2%	2%	3%

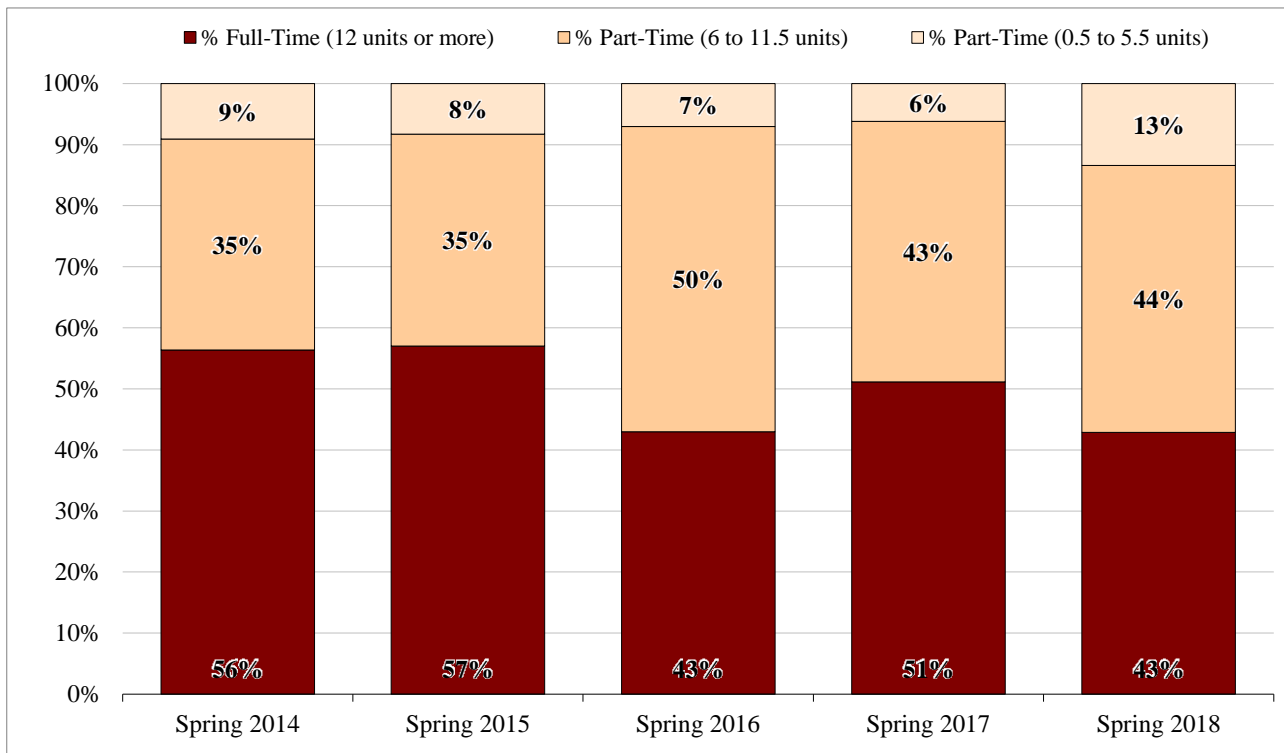


Definitions:

- 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 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Full-Time (12 units or more)	93	69	49	66	48
Part-Time (6 to 11.5 units)	57	42	57	55	49
Part-Time (0.5 to 5.5 units)	15	10	8	8	15
% Full-Time (12 units or more)	56%	57%	43%	51%	43%
% Part-Time (6 to 11.5 units)	35%	35%	50%	43%	44%
% Part-Time (0.5 to 5.5 units)	9%	8%	7%	6%	13%



Students Using Distance Education

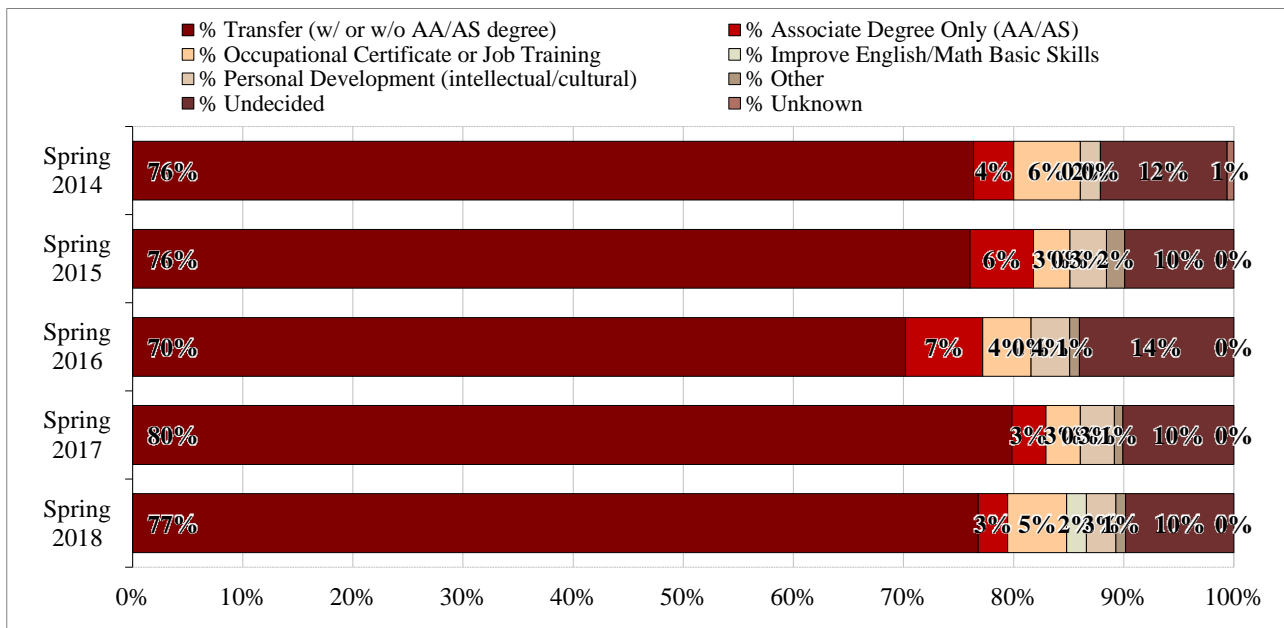
Astronomy (ASTR)					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Face-to-Face (F2F) Only	79	78	70	75	57
Both F2F and DE	52	30	34	36	34
Distance Education (DE) Only	34	13	10	18	21
% Face-to-Face (F2F) Only	48%	64%	61%	58%	51%
% Both F2F and DE	32%	25%	30%	28%	30%
% Distance Education (DE) Only	21%	11%	9%	14%	19%

Definitions:

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

Student Educational Goal

Astronomy (ASTR)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Transfer (w/ or w/o AA/AS degree)	126	92	80	103	86
Associate Degree Only (AA/AS)	6	7	8	4	3
Occupational Certificate or Job Training	10	4	5	4	6
Improve English/Math Basic Skills	0	0	0	0	2
Personal Development (intellectual/cultural)	3	4	4	4	3
Other	0	2	1	1	1
Undecided	19	12	16	13	11
Unknown	1	0	0	0	0
% Transfer (w/ or w/o AA/AS degree)	76%	76%	70%	80%	77%
% Associate Degree Only (AA/AS)	4%	6%	7%	3%	3%
% Occupational Certificate or Job Training	6%	3%	4%	3%	5%
% Improve English/Math Basic Skills	0%	0%	0%	0%	2%
% Personal Development (intellectual/cultural)	2%	3%	4%	3%	3%
% Other	0%	2%	1%	1%	1%
% Undecided	12%	10%	14%	10%	10%
% Unknown	1%	0%	0%	0%	0%

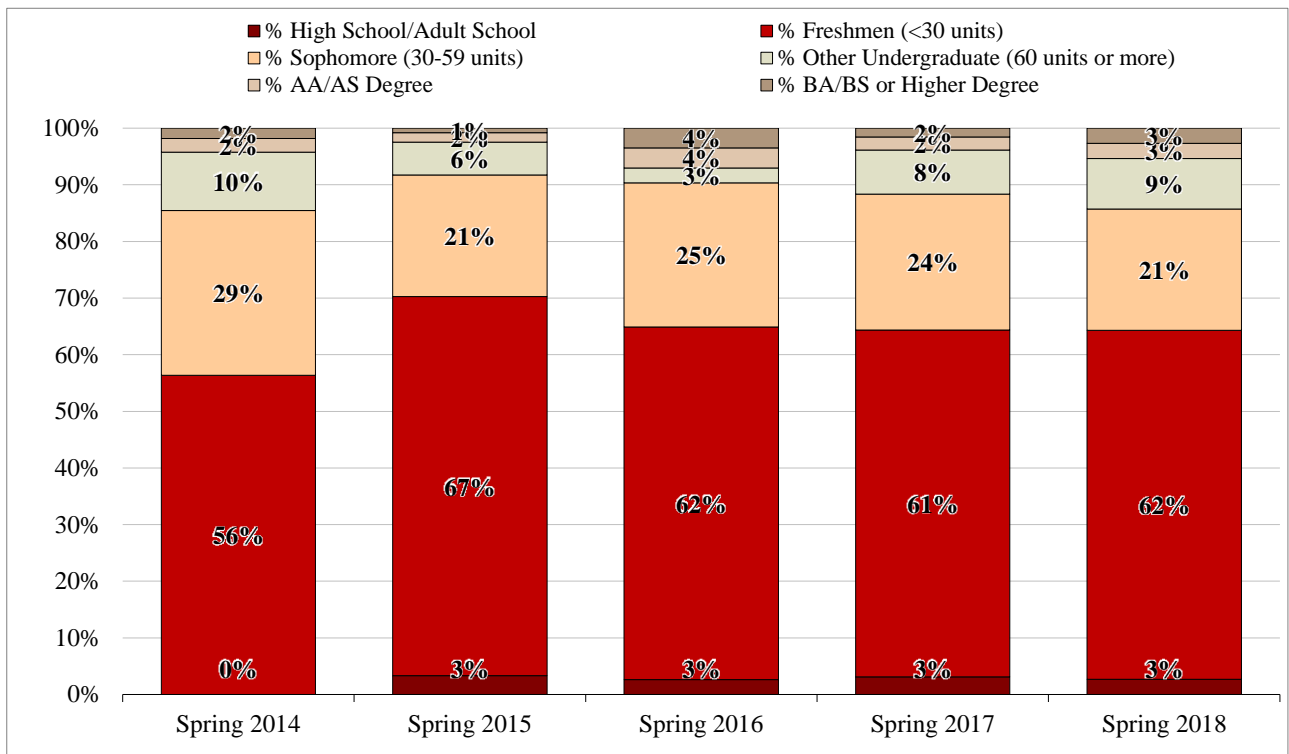


Definitions:

- 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.

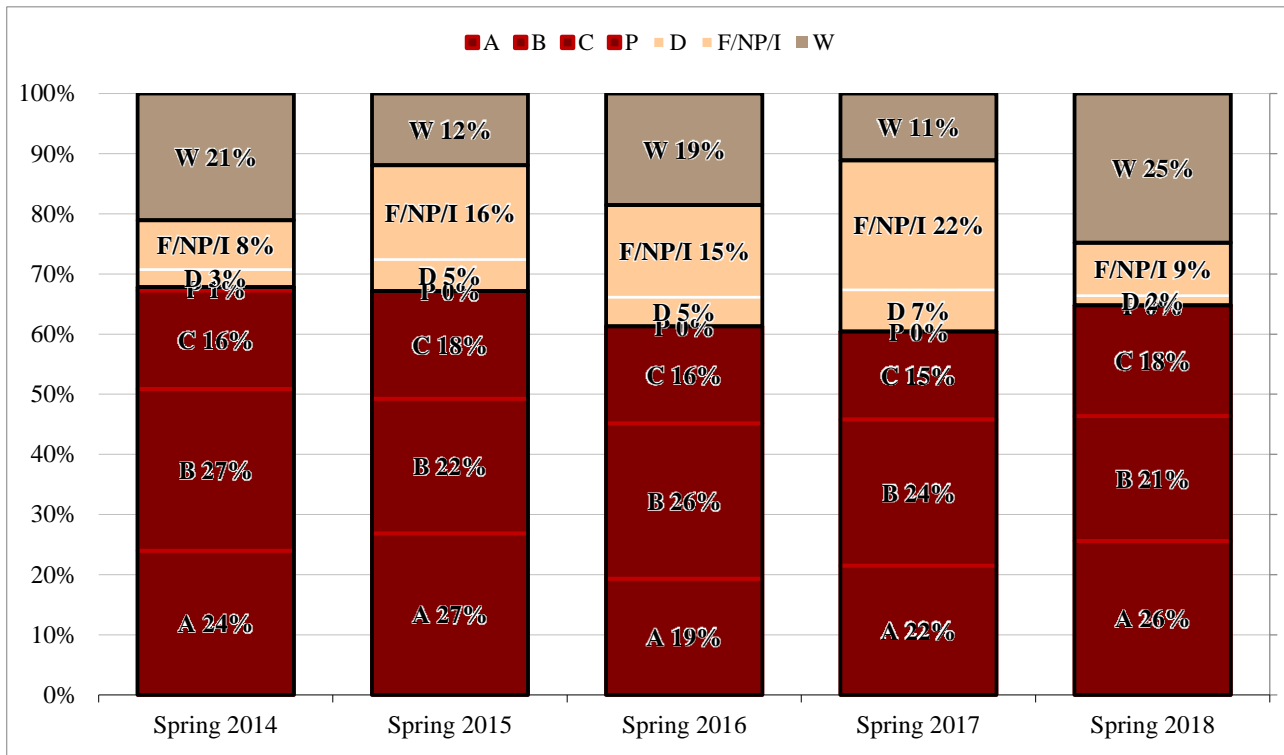
Highest Educational Level of Students

Astronomy (ASTR)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
High School/Adult School	0	4	3	4	3
Freshmen (<30 units)	93	81	71	79	69
Sophomore (30-59 units)	48	26	29	31	24
Other Undergraduate (60 units or more)	17	7	3	10	10
AA/AS Degree	4	2	4	3	3
BA/BS or Higher Degree	3	1	4	2	3
% High School/Adult School	0%	3%	3%	3%	3%
% Freshmen (<30 units)	56%	67%	62%	61%	62%
% Sophomore (30-59 units)	29%	21%	25%	24%	21%
% Other Undergraduate (60 units or more)	10%	6%	3%	8%	9%
% AA/AS Degree	2%	2%	4%	2%	3%
% BA/BS or Higher Degree	2%	1%	4%	2%	3%



Student Performance: Grade Distribution

Astronomy (ASTR)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Total Course Enrollments	171	134	124	144	125
Course Success Rates	68%	67%	61%	60%	65%
A	24%	27%	19%	22%	26%
B	27%	22%	26%	24%	21%
C	16%	18%	16%	15%	18%
P	1%	0%	0%	0%	0%
Course Non-Success Rate	11%	21%	20%	28%	10%
D	3%	5%	5%	7%	2%
F/NP/I	8%	16%	15%	22%	9%
Withdrawals (W)	21%	12%	19%	11%	25%



Definitions:

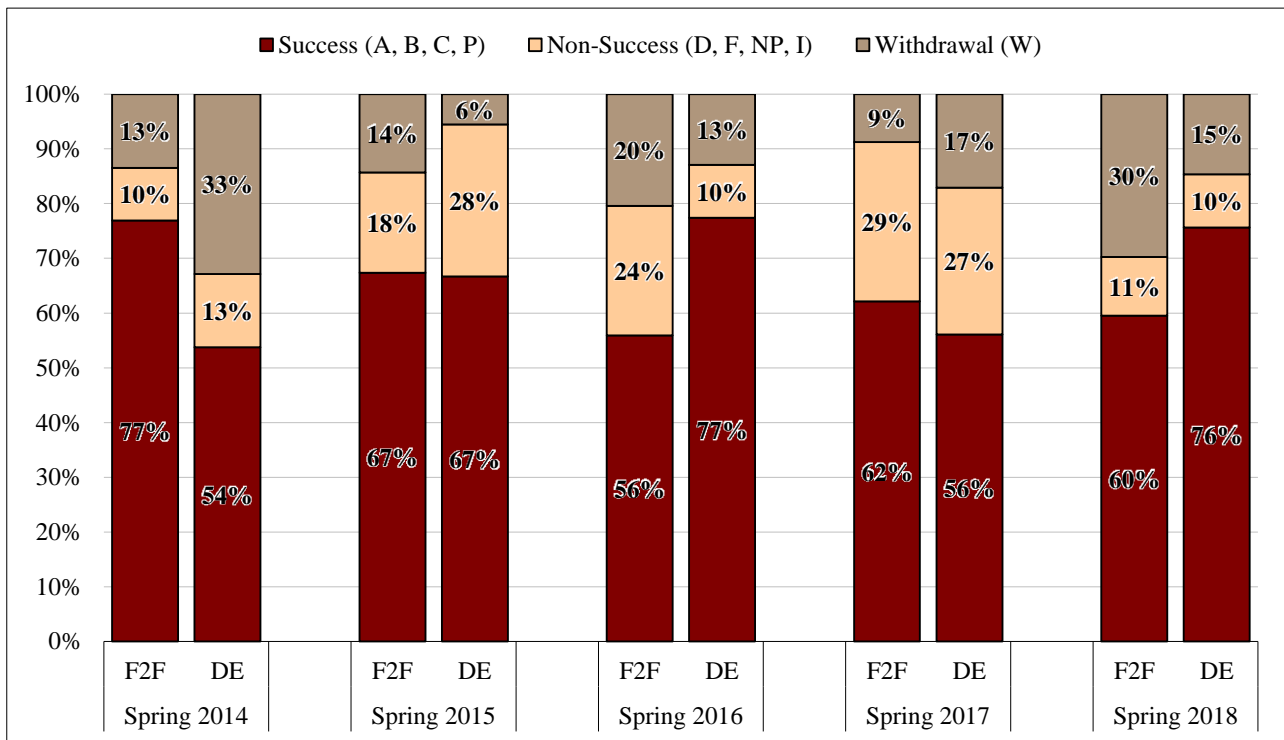
Course Success Rate is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

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

Astronomy (ASTR)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
Total Course Enrollments	171	134	124	144	125
Face-to-Face (F2F) Sections	104	98	93	103	84
Success Rates	77%	67%	56%	62%	60%
Non-Success Rates	10%	18%	24%	29%	11%
Withdrawals	13%	14%	20%	9%	30%
Distance Education (DE) Sections	67	36	31	41	41
Success Rates	54%	67%	77%	56%	76%
Non-Success Rates	13%	28%	10%	27%	10%
Withdrawals	33%	6%	13%	17%	15%

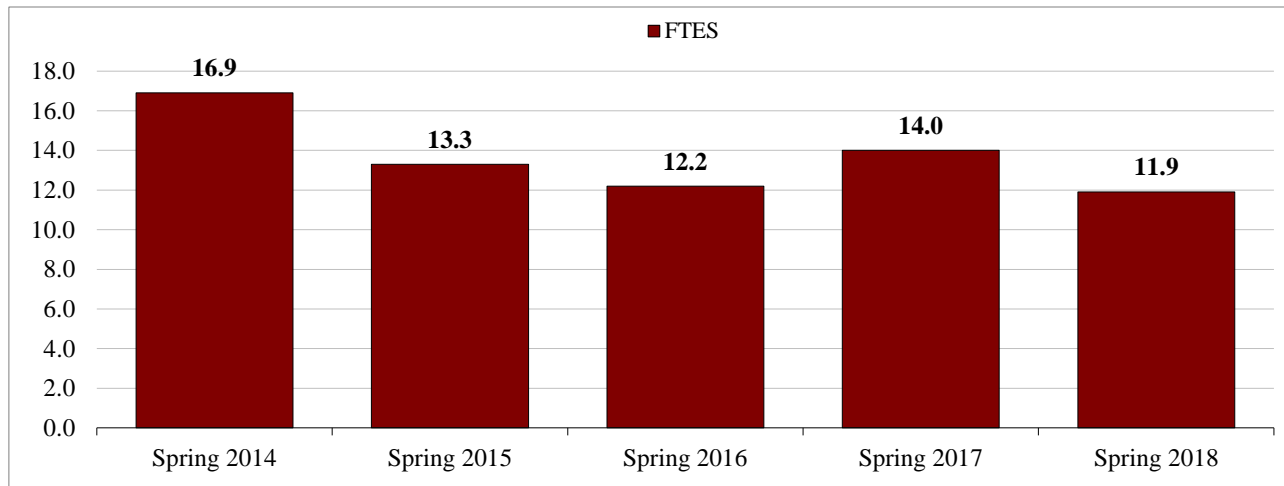
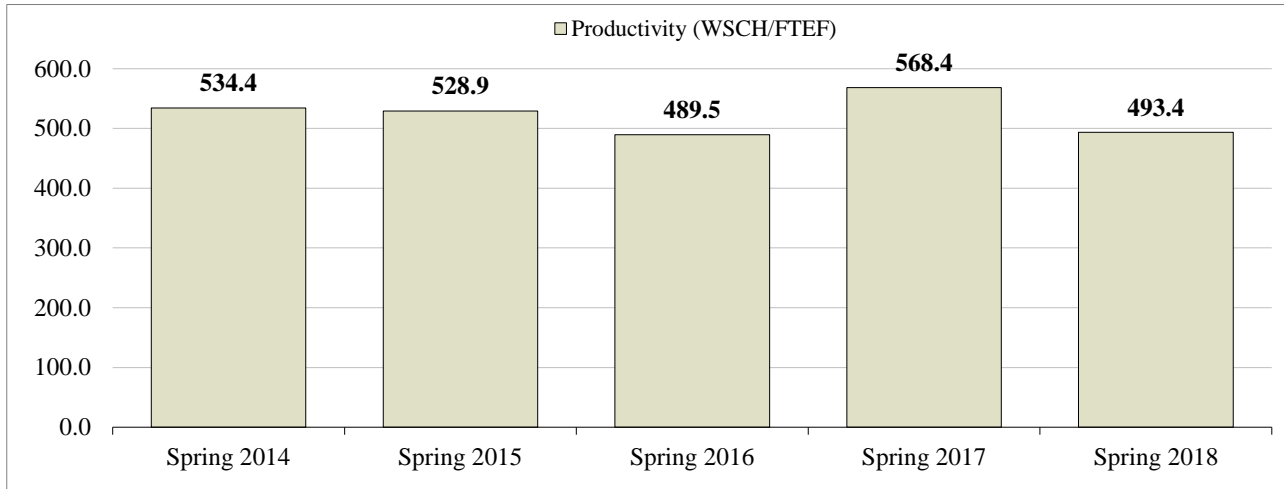


Definitions:

- 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

Astronomy (ASTR)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
WSCH	513	402	372	432	375
FTEF	16.9	13.3	12.2	14.0	11.9
FTEF	1.0	0.8	0.8	0.8	0.8
Productivity (WSCH/FTEF)	534.4	528.9	489.5	568.4	493.4



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.

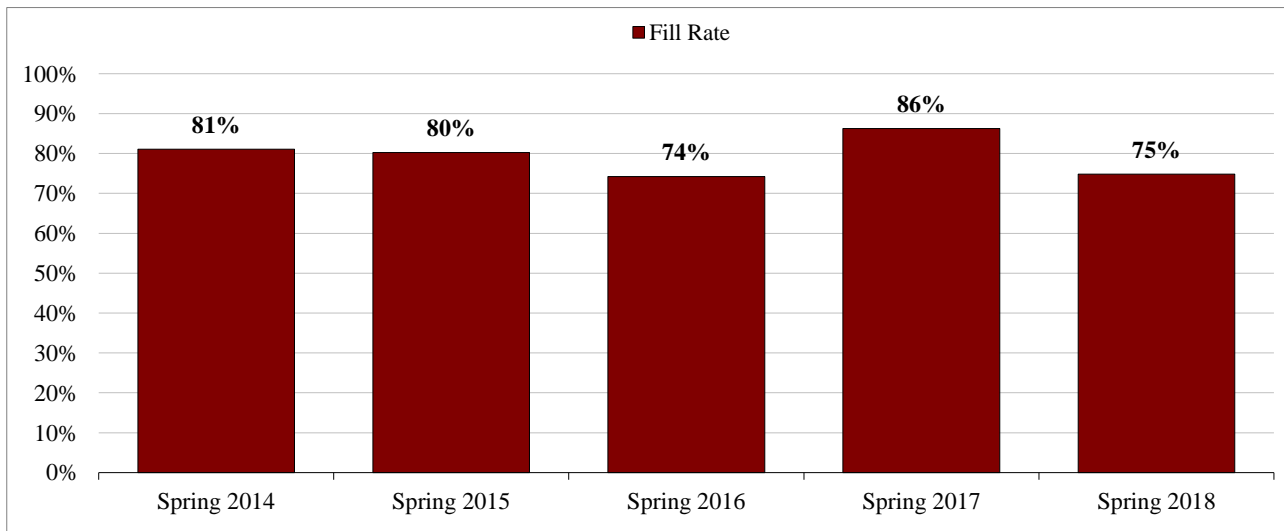
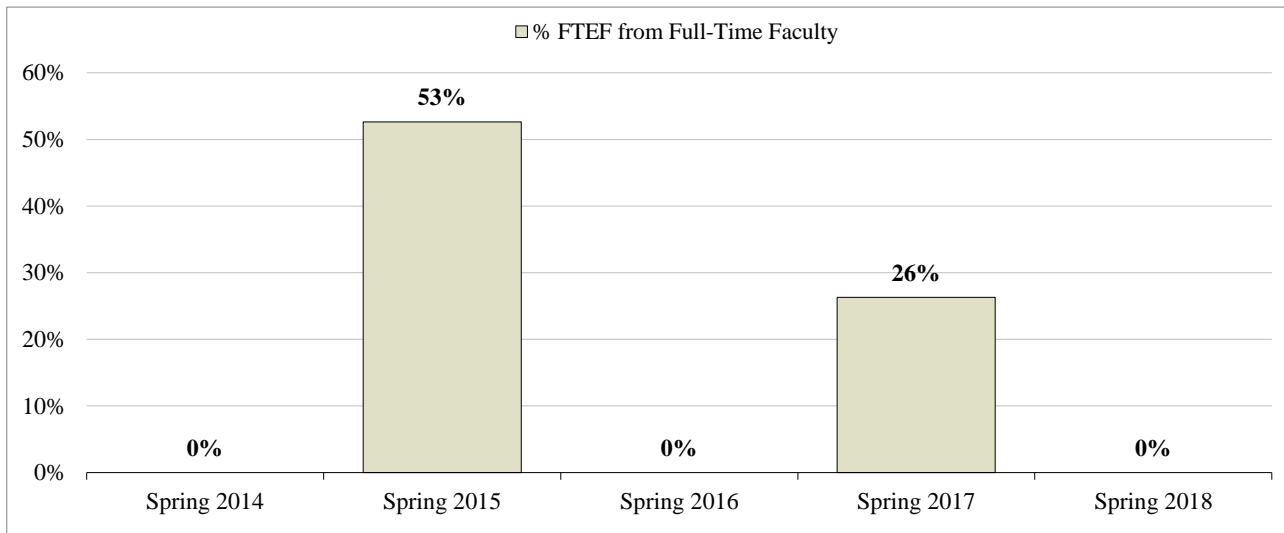
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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

Astronomy (ASTR)					
	Term				
	Spring 2014	Spring 2015	Spring 2016	Spring 2017	Spring 2018
FTEF from Full-Time Faculty	0.0	0.4	0.0	0.2	0.0
% FTEF from Full-Time Faculty	0%	53%	0%	26%	0%
Enrollments	171	134	124	144	125
Capacity (seats available)	211	167	167	167	167
Fill Rate	81%	80%	74%	86%	75%



Definitions:

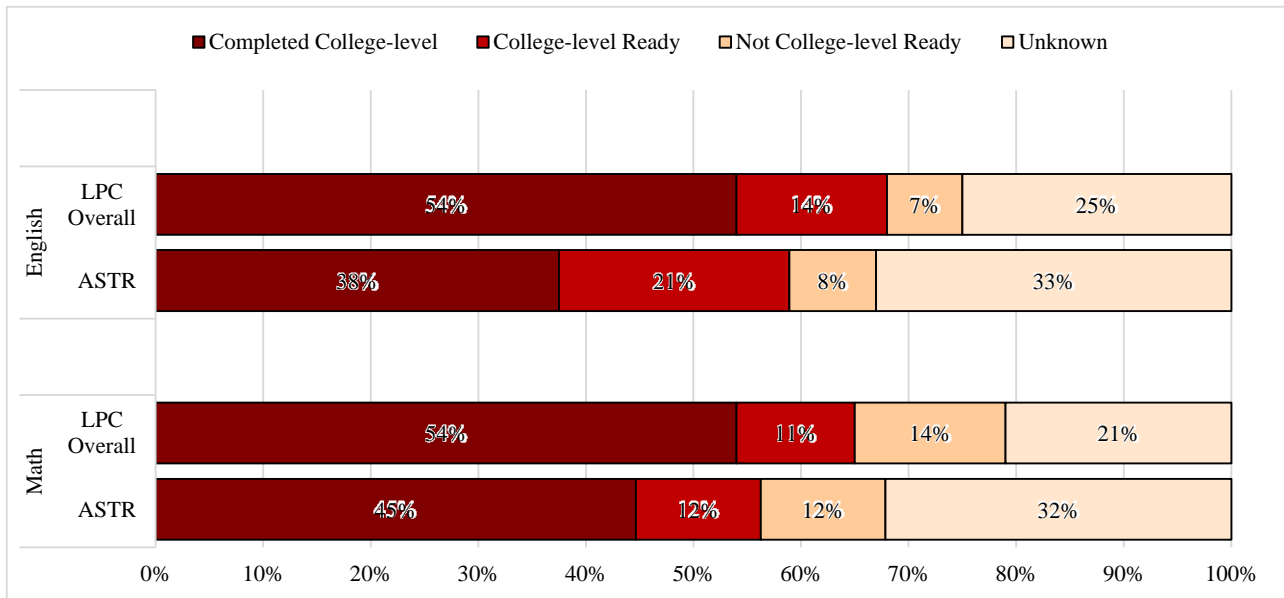
Fill Rate is number of enrollments over the total capacity (seats available).

% 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

Spring 2018				
	ASTR		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	42	38%	4,955	54%
College-level Ready	24	20%	1,319	14%
Not College-level Ready	9	8%	619	7%
Unknown	37	33%	2,260	25%
College Math				
Completed College-level	50	45%	4,980	54%
College-level Ready	13	12%	974	11%
Not College-level Ready	13	12%	1,239	14%
Unknown	36	32%	1,960	21%



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.