



Las Positas College
Program Review Discipline Data Packet
Spring 2016 to Spring 2020

Discipline:

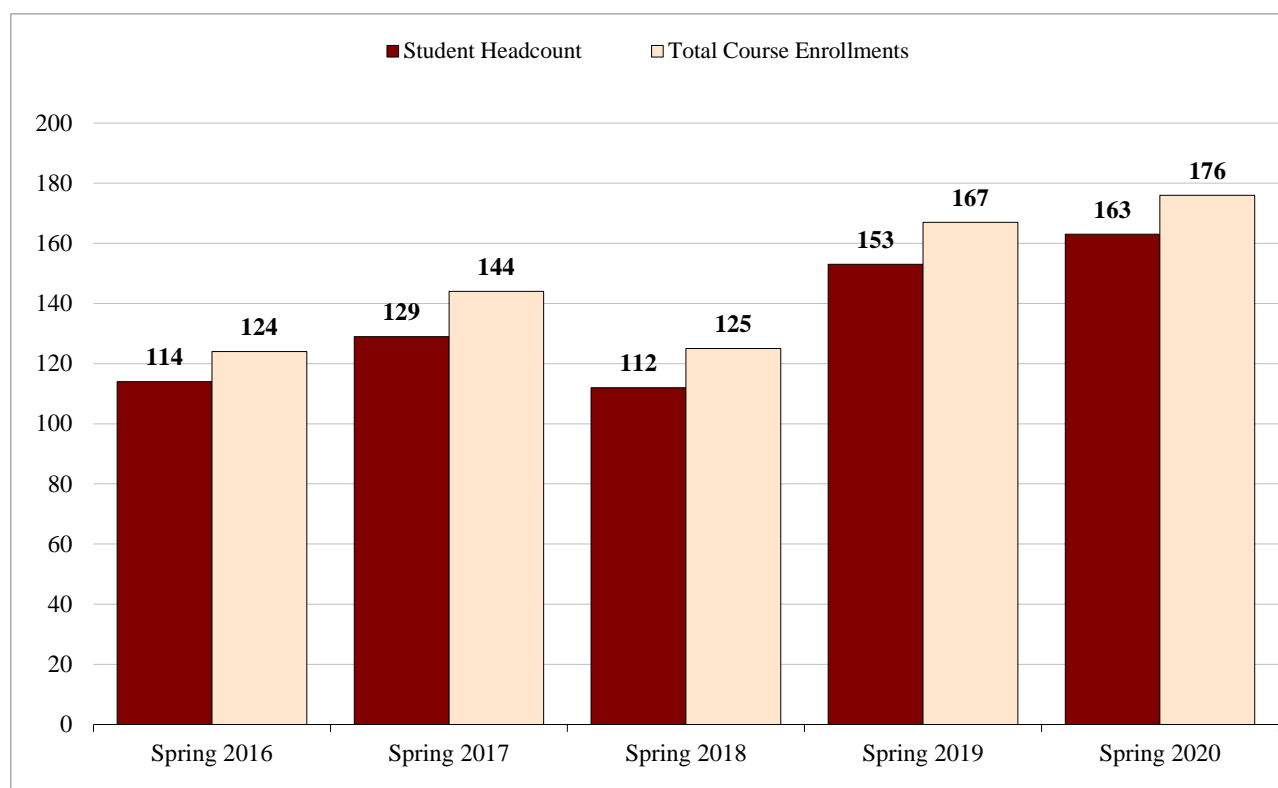
Astronomy (ASTR)

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NOTE: ^ next to rubric / subject code indicates that the report combines data for related credit and non-credit rubrics

Headcount & Enrollment

Astronomy (ASTR)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Student Headcount	114	129	112	153	163
Total Course Enrollments	124	144	125	167	176



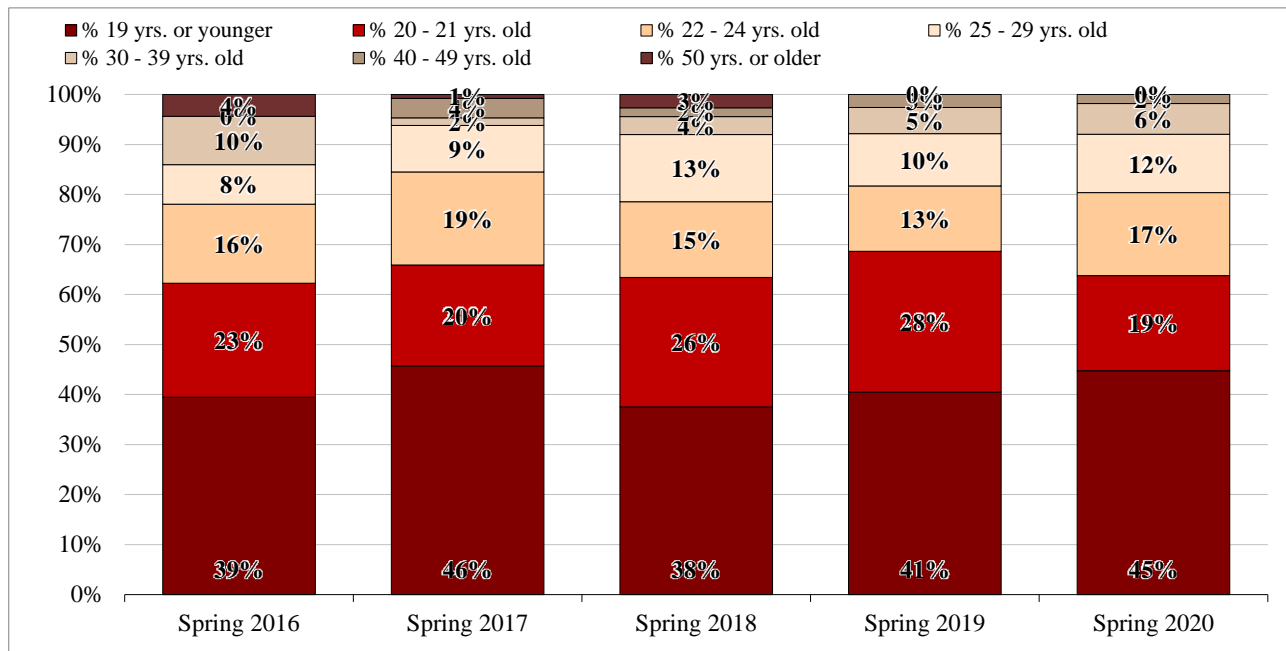
Definitions:

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.

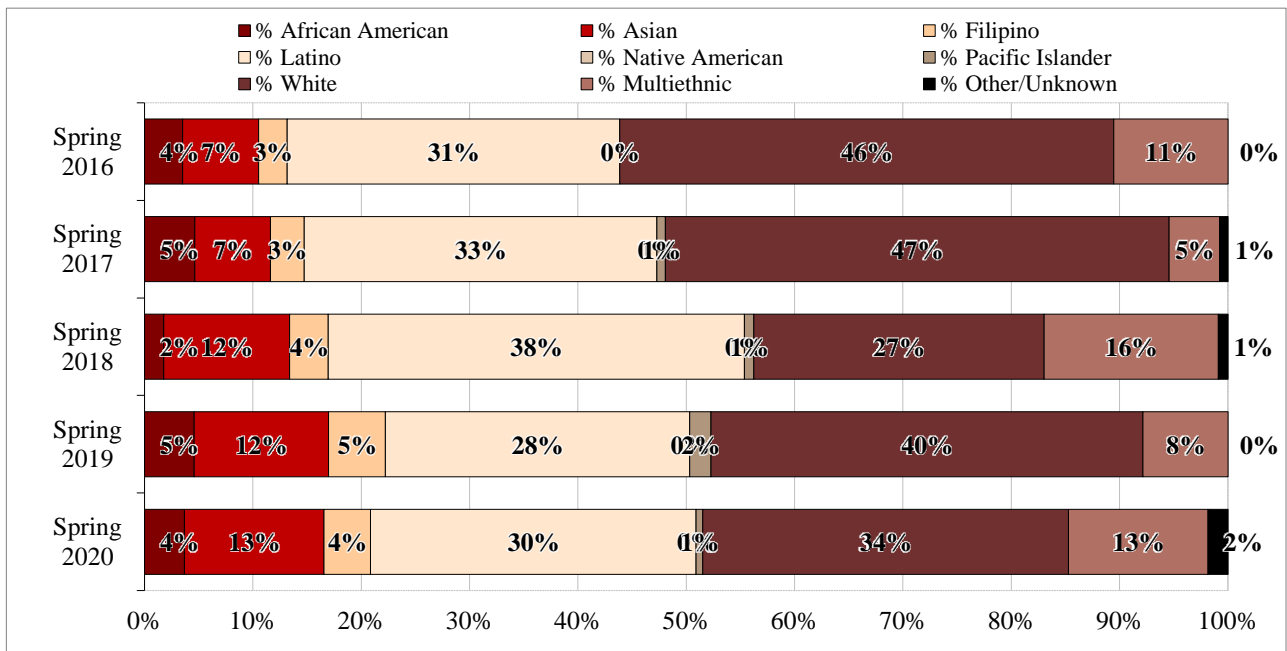
Student Demographics: Gender & Age

Astronomy (ASTR)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Female	52	56	56	72	78
Male	61	71	54	77	79
19 yrs. or younger	45	59	42	62	73
20-21 yrs. old	26	26	29	43	31
22-24 yrs. old	18	24	17	20	27
25-29 yrs. old	9	12	15	16	19
30-39 yrs. old	11	2	4	8	10
40-49 yrs. old	0	5	2	4	3
50 yrs. or older	5	1	3	0	0
% Female	46%	44%	51%	48%	50%
% Male	54%	56%	49%	52%	50%
% 19 yrs. or younger	39%	46%	38%	41%	45%
% 20 - 21 yrs. old	23%	20%	26%	28%	19%
% 22 - 24 yrs. old	16%	19%	15%	13%	17%
% 25 - 29 yrs. old	8%	9%	13%	10%	12%
% 30 - 39 yrs. old	10%	2%	4%	5%	6%
% 40 - 49 yrs. old	0%	4%	2%	3%	2%
% 50 yrs. or older	4%	1%	3%	0%	0%



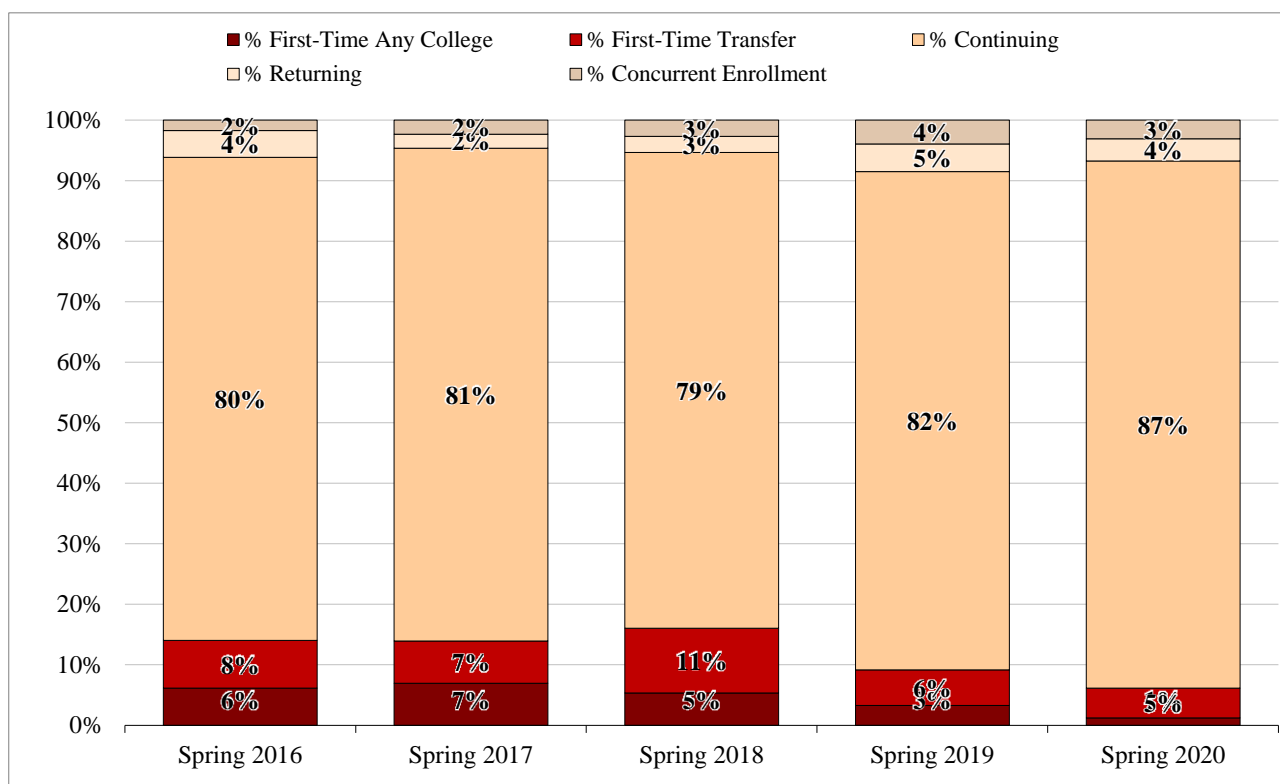
Student Demographic: Race-Ethnicity

Astronomy (ASTR)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
African American	4	6	2	7	6
Asian	8	9	13	19	21
Filipino	3	4	4	8	7
Latino	35	42	43	43	49
Native American	0	0	0	0	0
Pacific Islander	0	1	1	3	1
White	52	60	30	61	55
Multiethnic	12	6	18	12	21
Other/Unknown	0	1	1	0	3
% African American	4%	5%	2%	5%	4%
% Asian	7%	7%	12%	12%	13%
% Filipino	3%	3%	4%	5%	4%
% Latino	31%	33%	38%	28%	30%
% Native American	0%	0%	0%	0%	0%
% Pacific Islander	0%	1%	1%	2%	1%
% White	46%	47%	27%	40%	34%
% Multiethnic	11%	5%	16%	8%	13%
% Other/Unknown	0%	1%	1%	0%	2%



Student Enrollment Status

Astronomy (ASTR)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
First-Time Any College	7	9	6	5	2
First-Time Transfer	9	9	12	9	8
Continuing	91	105	88	126	142
Returning	5	3	3	7	6
Concurrent Enrollment	2	3	3	6	5
% First-Time Any College	6%	7%	5%	3%	1%
% First-Time Transfer	8%	7%	11%	6%	5%
% Continuing	80%	81%	79%	82%	87%
% Returning	4%	2%	3%	5%	4%
% Concurrent Enrollment	2%	2%	3%	4%	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.

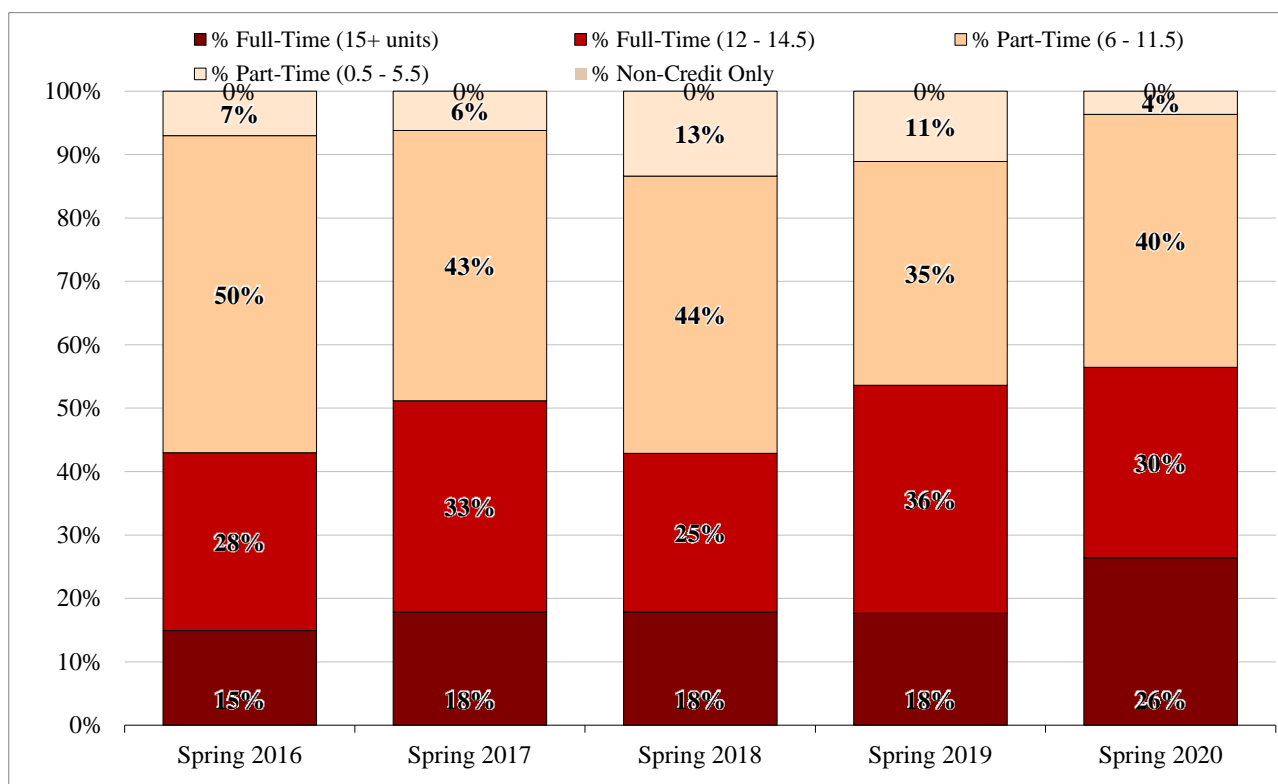
Continuing: Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

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.

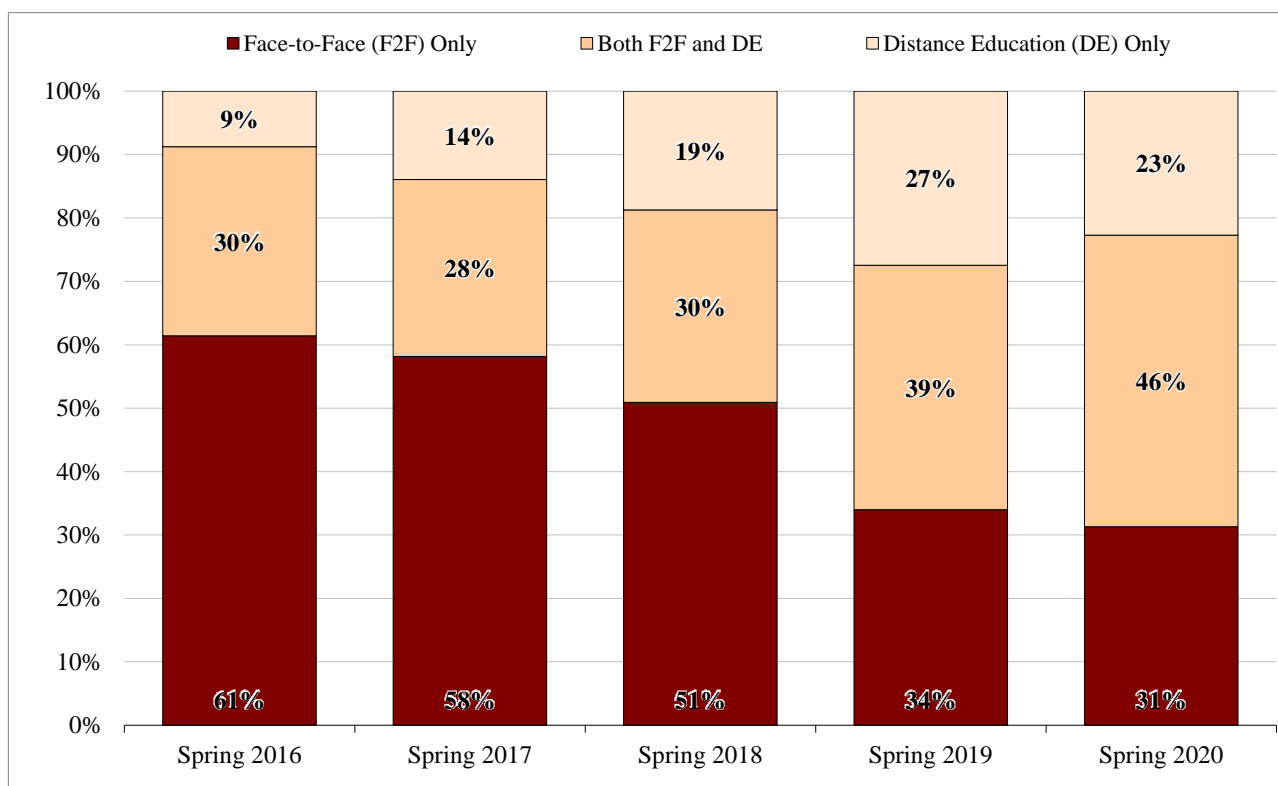
Student Unit Load

Astronomy (ASTR)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Full-Time (15+ units)	17	23	20	27	43
Full-Time (12 - 14.5)	32	43	28	55	49
Part-Time (6 - 11.5)	57	55	49	54	65
Part-Time (0.5 - 5.5)	8	8	15	17	6
Non-Credit Only	—	—	—	—	—
% Full-Time (15+ units)	15%	18%	18%	18%	26%
% Full-Time (12 - 14.5)	28%	33%	25%	36%	30%
% Part-Time (6 - 11.5)	50%	43%	44%	35%	40%
% Part-Time (0.5 - 5.5)	7%	6%	13%	11%	4%
% Non-Credit Only	—	—	—	—	—



Students Using Distance Education

Astronomy (ASTR)					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Face-to-Face (F2F) Only	70	75	57	52	51
Both F2F and DE	34	36	34	59	75
Distance Education (DE) Only	10	18	21	42	37
% Face-to-Face (F2F) Only	61%	58%	51%	34%	31%
% Both F2F and DE	30%	28%	30%	39%	46%
% Distance Education (DE) Only	9%	14%	19%	27%	23%

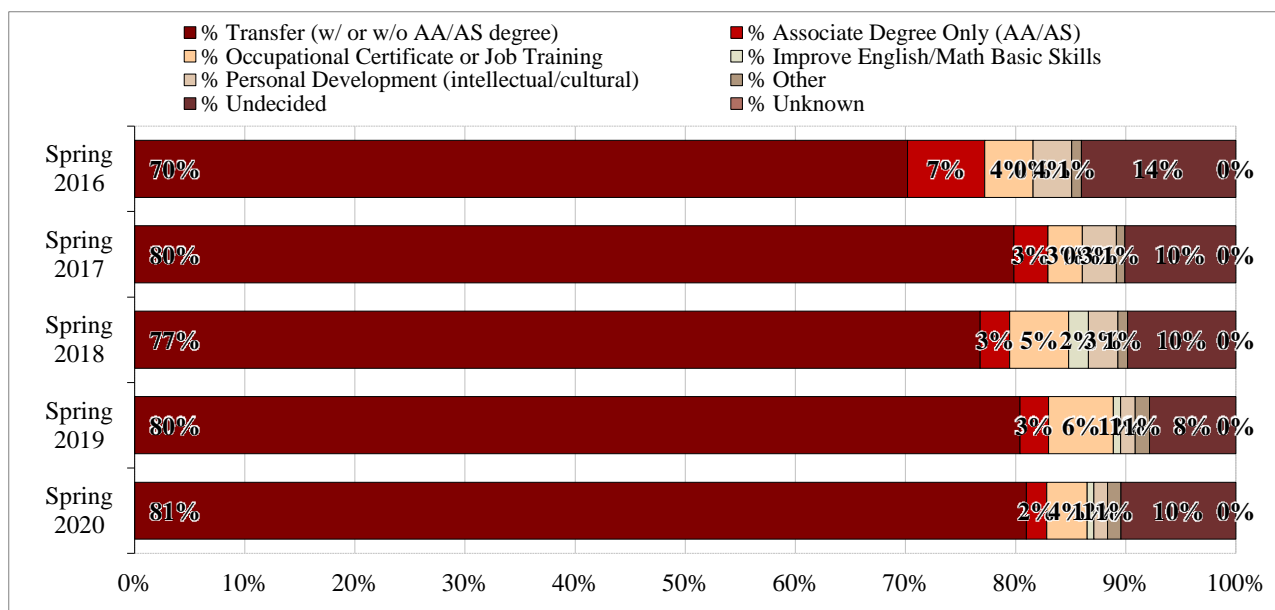


Definitions:

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

Student Educational Goal

Astronomy (ASTR)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Transfer (w/ or w/o AA/AS degree)	80	103	86	123	132
Associate Degree Only (AA/AS)	8	4	3	4	3
Occupational Certificate or Job Training	5	4	6	9	6
Improve English/Math Basic Skills	0	0	2	1	1
Personal Development (intellectual/cultural)	4	4	3	2	2
Other	1	1	1	2	2
Undecided	16	13	11	12	17
Unknown	0	0	0	0	0
% Transfer (w/ or w/o AA/AS degree)	70%	80%	77%	80%	81%
% Associate Degree Only (AA/AS)	7%	3%	3%	3%	2%
% Occupational Certificate or Job Training	4%	3%	5%	6%	4%
% Improve English/Math Basic Skills	0%	0%	2%	1%	1%
% Personal Development (intellectual/cultural)	4%	3%	3%	1%	1%
% Other	1%	1%	1%	1%	1%
% Undecided	14%	10%	10%	8%	10%
% Unknown	0%	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.

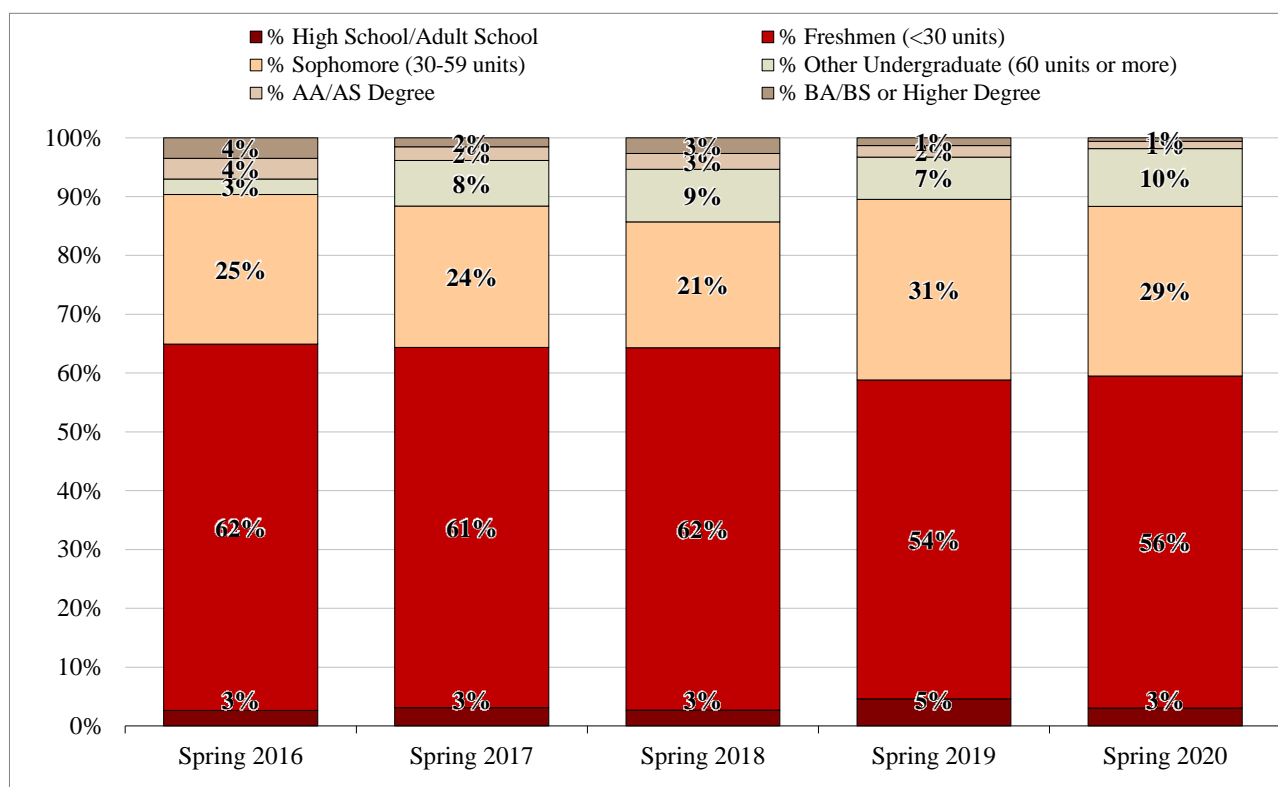
Occupational Certificate/Job Training: Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

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.

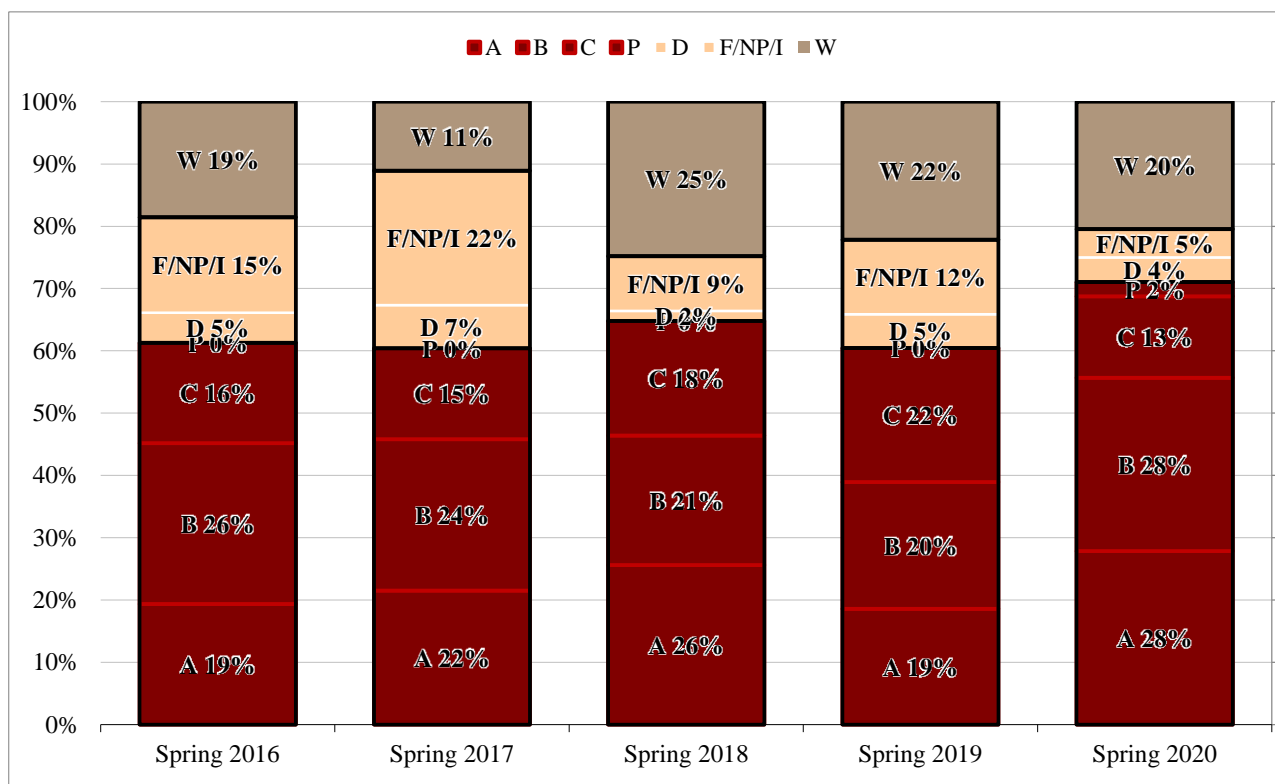
Highest Educational Level of Students

Astronomy (ASTR)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
High School/Adult School	3	4	3	7	5
Freshmen (<30 units)	71	79	69	83	92
Sophomore (30-59 units)	29	31	24	47	47
Other Undergraduate (60 units or more)	3	10	10	11	16
AA/AS Degree	4	3	3	3	2
BA/BS or Higher Degree	4	2	3	2	1
% High School/Adult School	3%	3%	3%	5%	3%
% Freshmen (<30 units)	62%	61%	62%	54%	56%
% Sophomore (30-59 units)	25%	24%	21%	31%	29%
% Other Undergraduate (60 units or more)	3%	8%	9%	7%	10%
% AA/AS Degree	4%	2%	3%	2%	1%
% BA/BS or Higher Degree	4%	2%	3%	1%	1%



Student Performance: Grade Distribution

Astronomy (ASTR)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Total Course Enrollments	124	144	125	167	176
Course Success Rates	61%	60%	65%	60%	71%
A	19%	22%	26%	19%	28%
B	26%	24%	21%	20%	28%
C	16%	15%	18%	22%	13%
P	0%	0%	0%	0%	2%
Course Non-Success Rate	20%	28%	10%	17%	9%
D	5%	7%	2%	5%	4%
F/NP/I	15%	22%	9%	12%	5%
Withdrawals (W)	19%	11%	25%	22%	20%



Definitions:

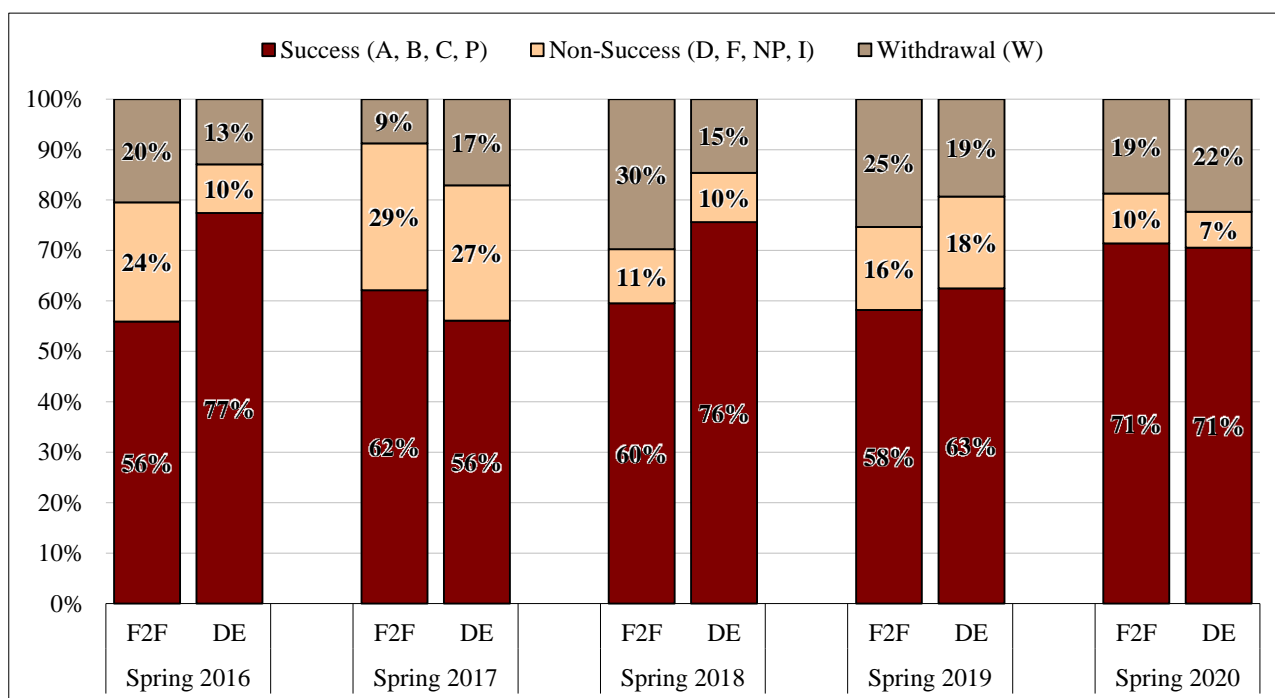
Course Success Rate is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

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.

Student Performance: Distance Education

Astronomy (ASTR)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
Total Course Enrollments	124	144	125	167	176
Face-to-Face (F2F) Sections	93	103	84	79	91
Success Rates	56%	62%	60%	58%	71%
Non-Success Rates	24%	29%	11%	16%	10%
Withdrawals	20%	9%	30%	25%	19%
Distance Education (DE) Sections	31	41	41	88	85
Success Rates	77%	56%	76%	63%	71%
Non-Success Rates	10%	27%	10%	18%	7%
Withdrawals	13%	17%	15%	19%	22%



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.

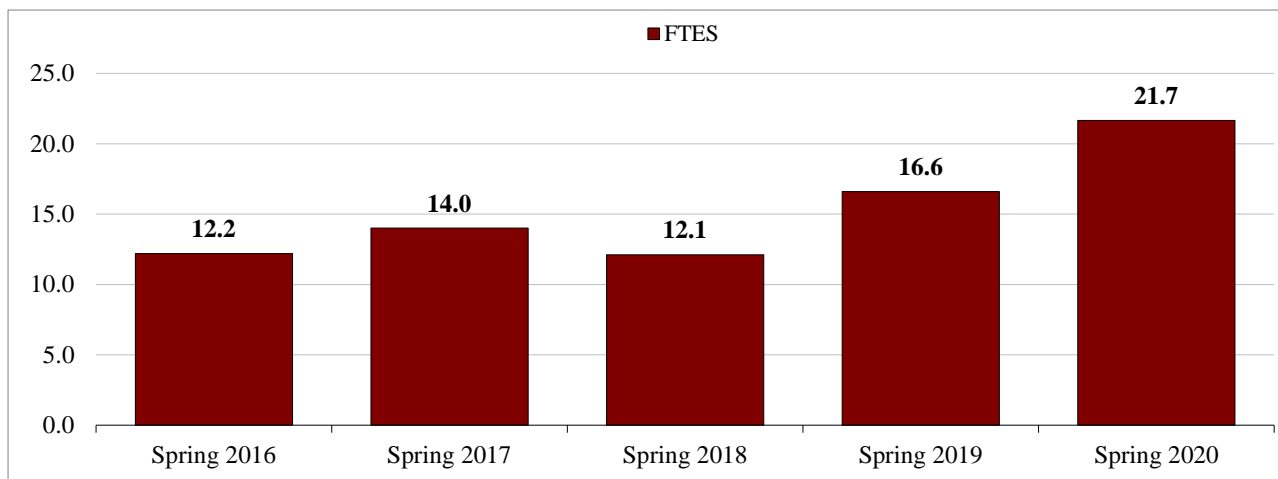
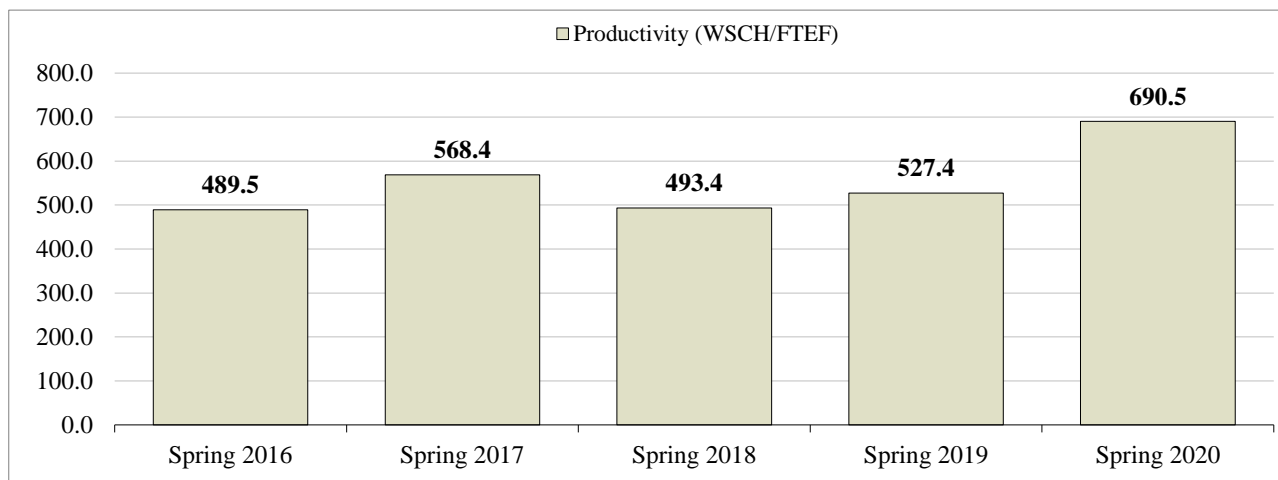
Course Non-Success Rate is the percentage of students receiving a grade of ('D', 'F', 'NP or 'T') relative to all students receiving a grade.

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 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
WSCH	372	432	375	501	656
FTEF	12.2	14.0	12.1	16.6	21.7
FTEF	0.8	0.8	0.8	1.0	1.0
Productivity (WSCH/FTEF)	489.5	568.4	493.4	527.4	690.5



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.

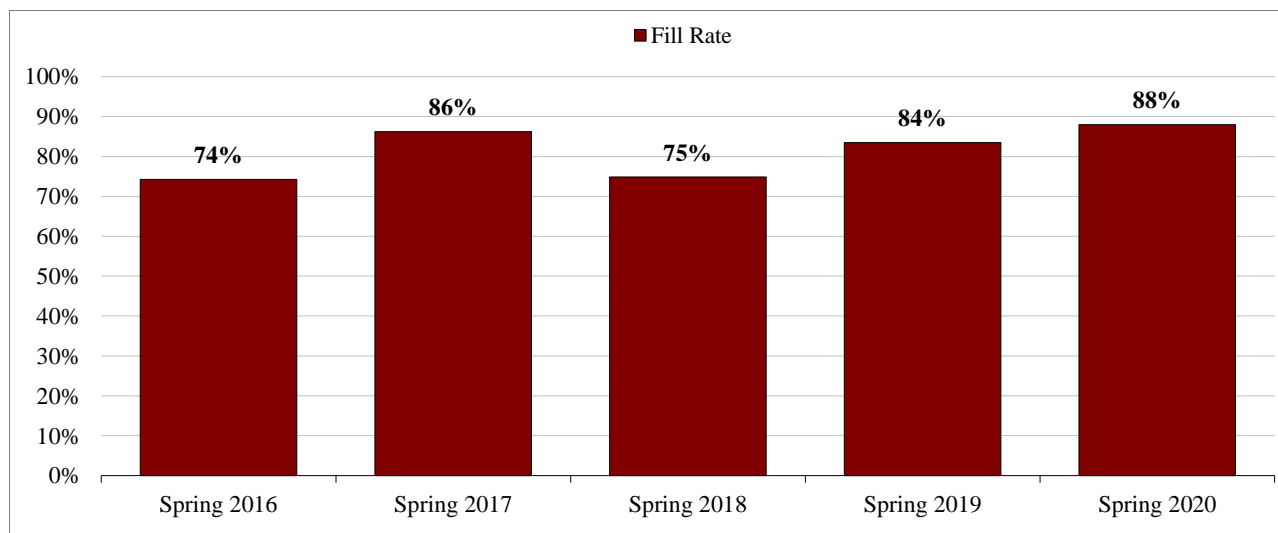
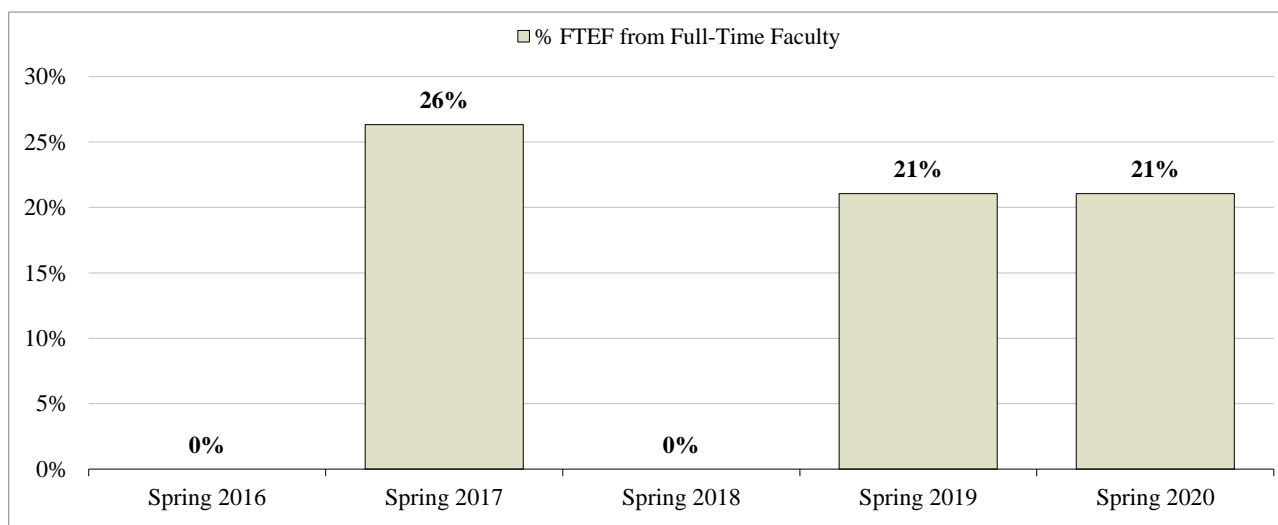
FTEF is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

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

Note: Enrollment Management data are of all courses accounted except NTUT / TUTR 200; latest data accessed on 7/14/20.

Enrollment Management: Part 2

Astronomy (ASTR)					
	Term				
	Spring 2016	Spring 2017	Spring 2018	Spring 2019	Spring 2020
FTEF from Full-Time Faculty	0.0	0.2	0.0	0.2	0.2
% FTEF from Full-Time Faculty	0%	26%	0%	21%	21%
Enrollments	124	144	125	167	176
Capacity (seats available)	167	167	167	200	200
Fill Rate	74%	86%	75%	84%	88%



Definitions:

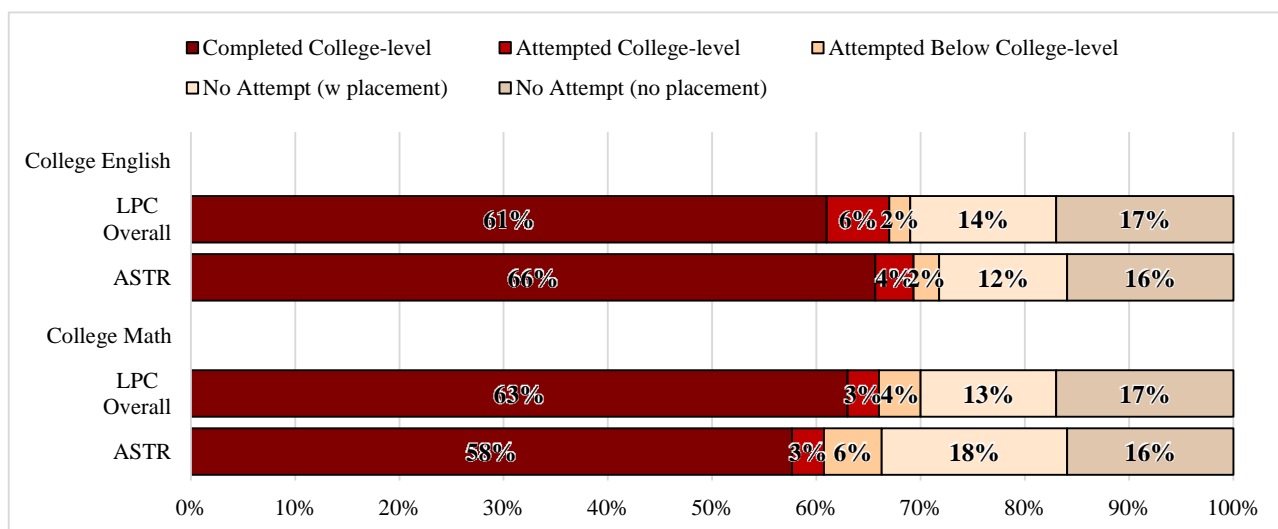
Fill Rate is number of enrollments over the total capacity (seats available).

% 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 are of all courses accounted except NTUT / TUTR 200; latest data accessed on 7/14/20.

College Readiness: English & Math Proficiency

	Spring 2020			
	ASTR		LPC Overall	
	Num	Pct	Num	Pct
College English				
Completed College-level	107	66%	5,254	61%
Attempted College-level	6	4%	502	6%
Attempted Below College-level	4	2%	179	2%
No Attempt (with placement)	20	12%	1,175	14%
No Attempt (no placement)	26	16%	1,480	17%
College Math				
Completed College-level	94	58%	5,383	63%
Attempted College-level	5	3%	274	3%
Attempted Below College-level	9	6%	366	4%
No Attempt (with placement)	29	18%	1,134	13%
No Attempt (no placement)	26	16%	1,433	17%



Definitions:

College English: Completed College-level = successfully completed ENG 1A, 1AEX, or attempted transfer level, or has earned at least an Associates degree.

Attempted College-level = attempted ENG 1A or 1AEX but has not successfully completed prior to indicated term.

Attempted Below College-level = attempted ENG 102, 104, 105, 100A, 100B, NENG 204, or ESL 25 prior to indicated term.

No Attempt (w placement) = no previous English enrollments within the sequence but has used a placement tool.

No Attempt (no placement) = no previous English enrollments within the sequence and did not utilize a placement tool.

College Math:

Completed College-level = successfully completed MATH 55, 50, NMAT 255 or 250, or attempted transfer level, or has earned at least an Associates degree.

Attempted College-level = attempted MATH 55, 50, NMAT 255 or 250 but has not successfully completed prior to indicated term.

Attempted Below College-level = attempted MATH 110, 107, NMAT 210 or 207 prior to indicated term.

No Attempt (w placement) = no previous Math enrollments within the sequence but has used a placement tool.

No Attempt (no placement) = no previous Math enrollments within the sequence and did not utilize a placement tool.