



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

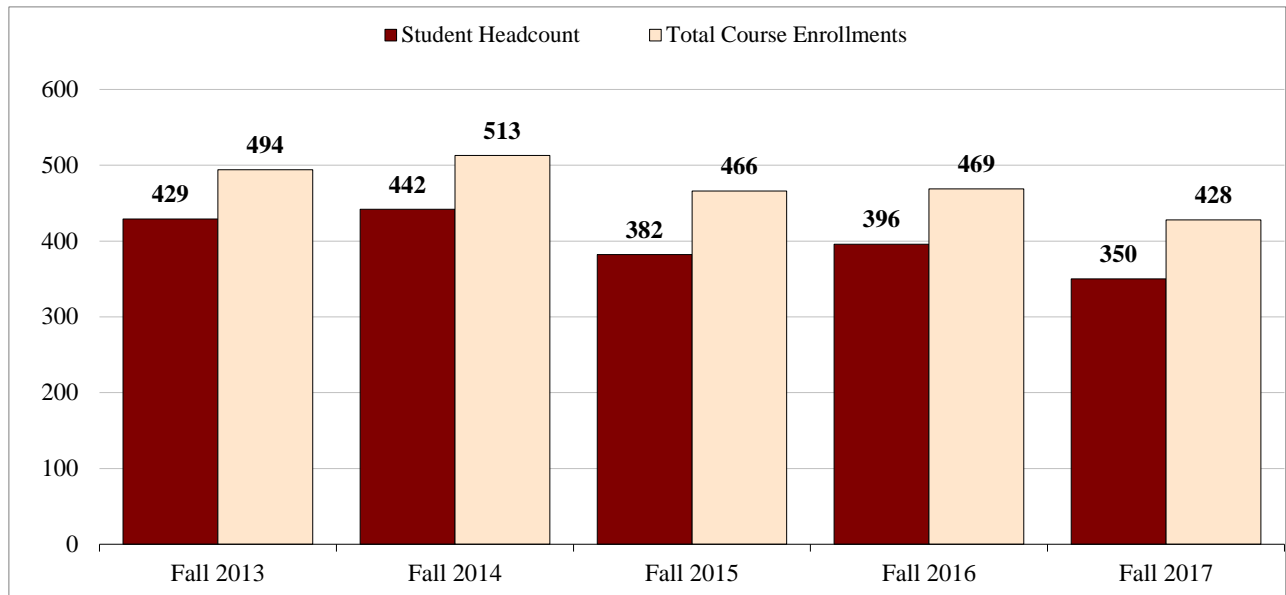
Discipline:

**Geology (GEOL)**

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## Headcount & Enrollment

Geology ( GEOL )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Student Headcount	429	442	382	396	350
Total Course Enrollments	494	513	466	469	428



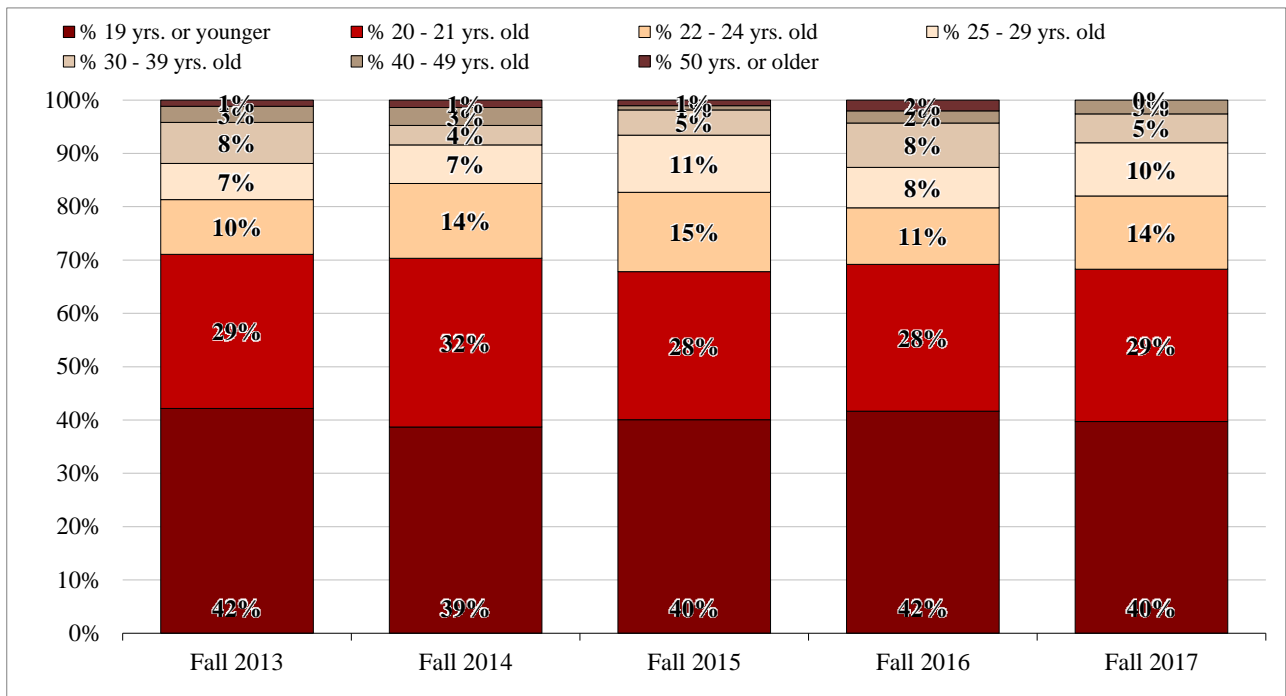
**Definitions:**

**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.

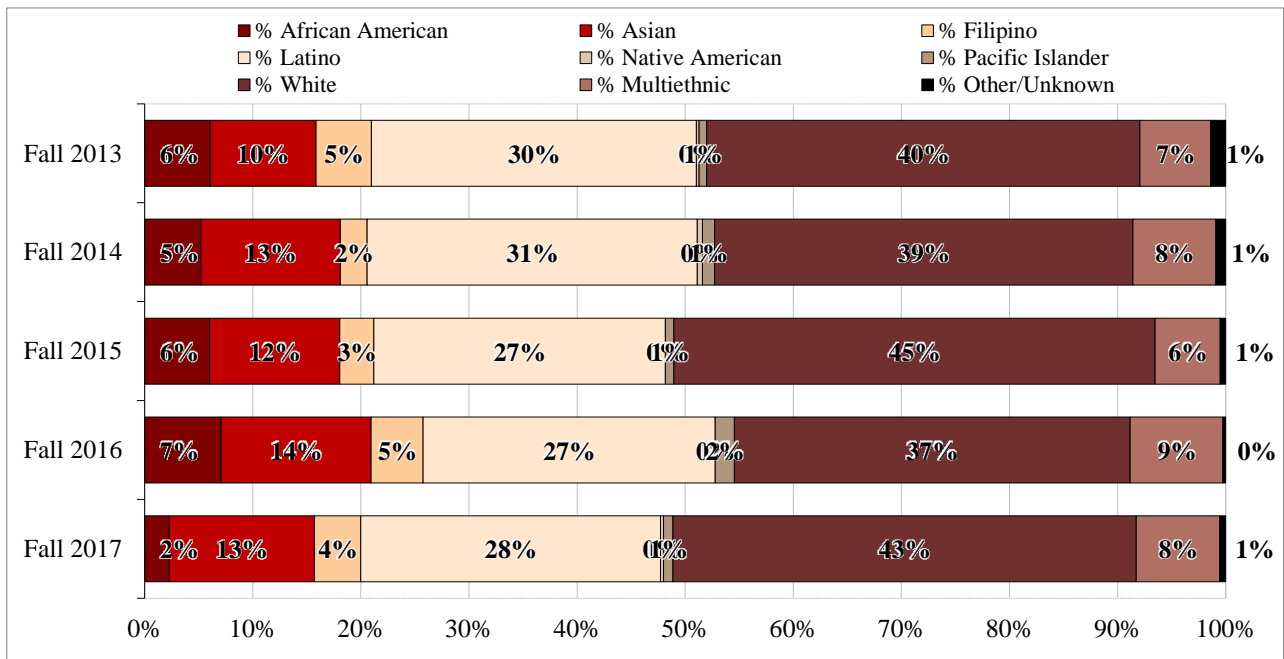
### Student Demographics: Gender & Age

	Geology ( GEOL )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Female	186	214	187	191	171
Male	240	224	193	201	172
19 yrs. or younger	181	171	153	165	139
20-21 yrs. old	124	140	106	109	100
22-24 yrs. old	44	62	57	42	48
25-29 yrs. old	29	32	41	30	35
30-39 yrs. old	33	16	18	33	19
40-49 yrs. old	13	15	3	9	9
50 yrs. or older	5	6	4	8	0
% Female	44%	49%	49%	49%	50%
% Male	56%	51%	51%	51%	50%
% 19 yrs. or younger	42%	39%	40%	42%	40%
% 20 - 21 yrs. old	29%	32%	28%	28%	29%
% 22 - 24 yrs. old	10%	14%	15%	11%	14%
% 25 - 29 yrs. old	7%	7%	11%	8%	10%
% 30 - 39 yrs. old	8%	4%	5%	8%	5%
% 40 - 49 yrs. old	3%	3%	1%	2%	3%
% 50 yrs. or older	1%	1%	1%	2%	0%



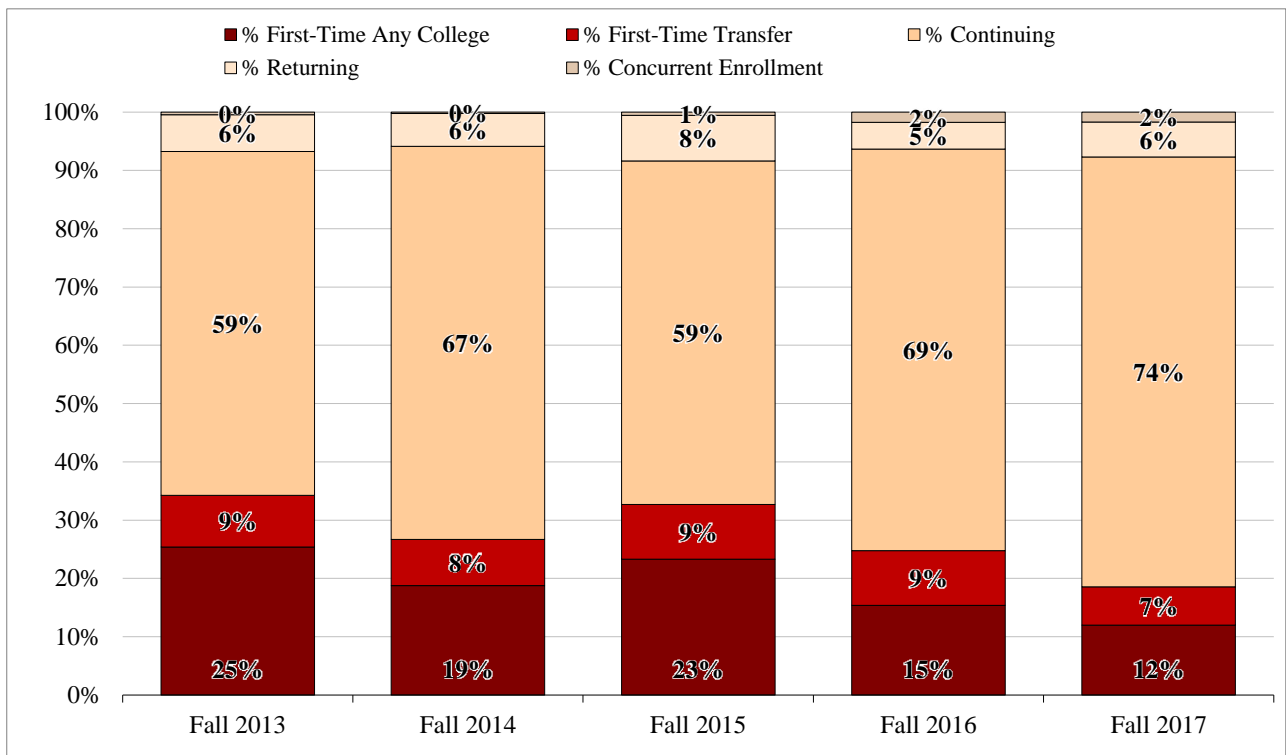
### Student Demographic: Race-Ethnicity

	Geology ( GEOL )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
African American	26	23	23	28	8
Asian	42	57	46	55	47
Filipino	22	11	12	19	15
Latino	129	135	103	107	97
Native American	1	2	0	0	1
Pacific Islander	3	5	3	7	3
White	172	171	170	145	150
Multiethnic	28	34	23	34	27
Other/Unknown	6	4	2	1	2
% African American	6%	5%	6%	7%	2%
% Asian	10%	13%	12%	14%	13%
% Filipino	5%	2%	3%	5%	4%
% Latino	30%	31%	27%	27%	28%
% Native American	<1%	<1%	0%	0%	<1%
% Pacific Islander	1%	1%	1%	2%	1%
% White	40%	39%	45%	37%	43%
% Multiethnic	7%	8%	6%	9%	8%
% Other/Unknown	1%	1%	1%	<1%	1%



### Student Enrollment Status

	Geology ( GEOL )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
First-Time Any College	109	83	89	61	42
First-Time Transfer	38	35	36	37	23
Continuing	253	298	225	273	258
Returning	27	25	30	18	21
Concurrent Enrollment	2	1	2	7	6
% First-Time Any College	25%	19%	23%	15%	12%
% First-Time Transfer	9%	8%	9%	9%	7%
% Continuing	59%	67%	59%	69%	74%
% Returning	6%	6%	8%	5%	6%
% Concurrent Enrollment	<1%	<1%	1%	2%	2%

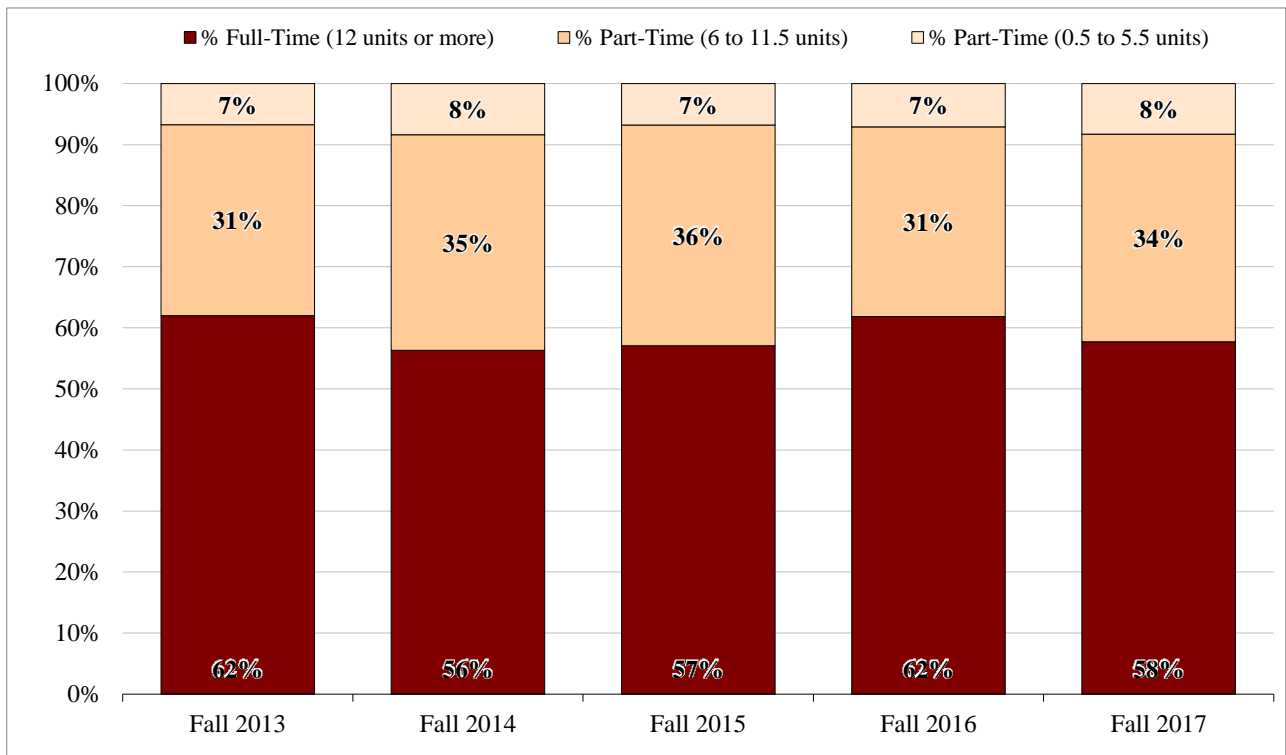


**Definitions:**

- 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.

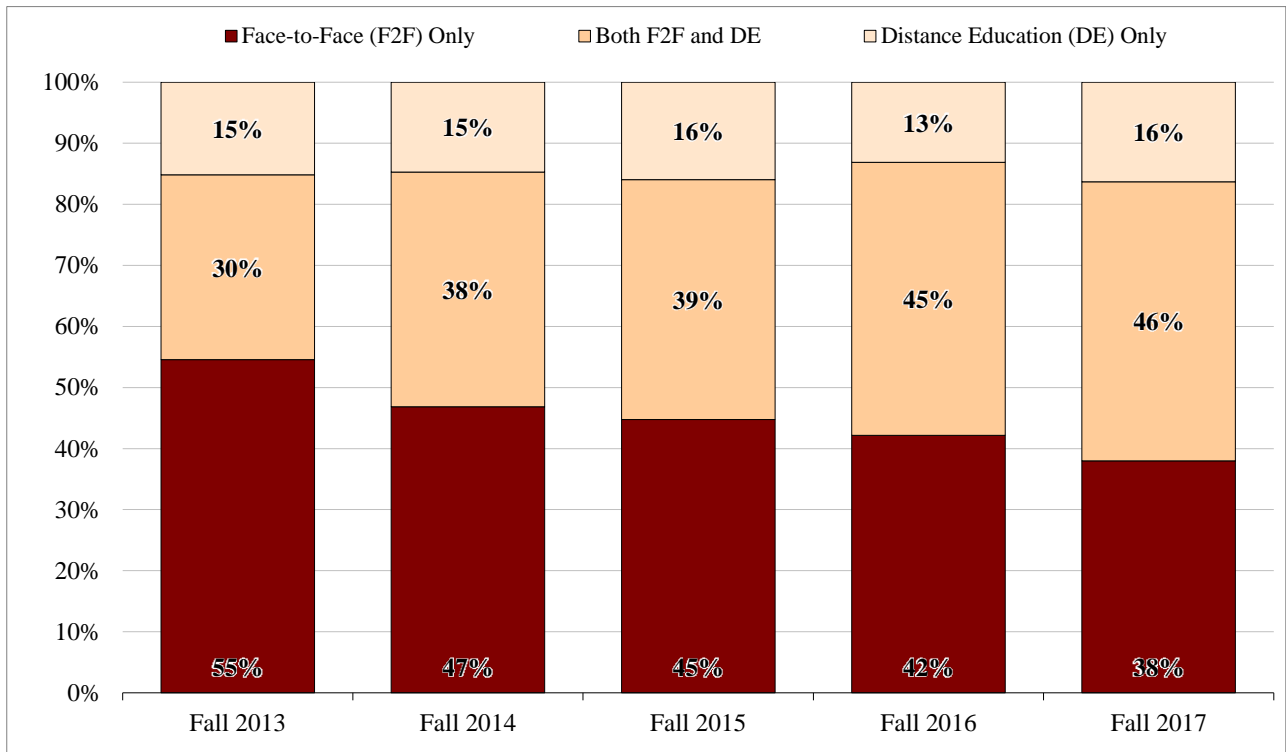
### Student Unit Load

Geology ( GEOL )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Full-Time (12 units or more)	266	249	218	245	202
Part-Time (6 to 11.5 units)	134	156	138	123	119
Part-Time (0.5 to 5.5 units)	29	37	26	28	29
% Full-Time (12 units or more)	62%	56%	57%	62%	58%
% Part-Time (6 to 11.5 units)	31%	35%	36%	31%	34%
% Part-Time (0.5 to 5.5 units)	7%	8%	7%	7%	8%



### Students Using Distance Education

Geology ( GEOL )					
<i>(Categories reflect college-wide coursework)</i>	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Face-to-Face (F2F) Only	234	207	171	167	133
Both F2F and DE	130	170	150	177	160
Distance Education (DE) Only	65	65	61	52	57
% Face-to-Face (F2F) Only	55%	47%	45%	42%	38%
% Both F2F and DE	30%	38%	39%	45%	46%
% Distance Education (DE) Only	15%	15%	16%	13%	16%

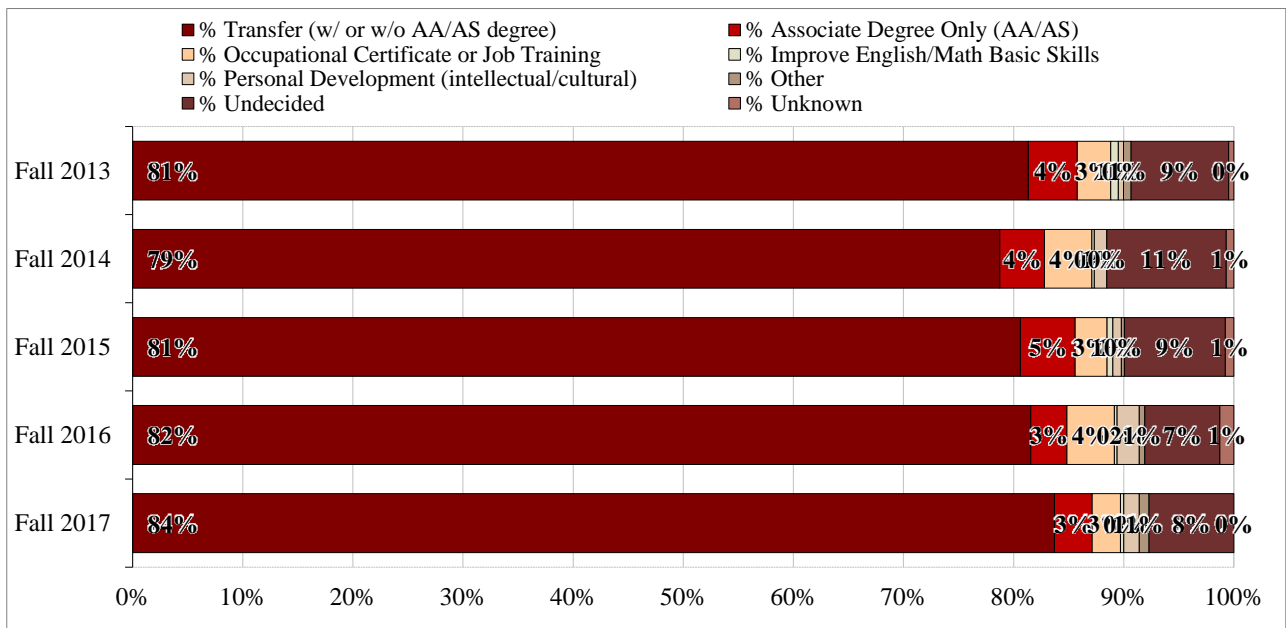


**Definitions:**

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

### Student Educational Goal

Geology ( GEOL )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
Transfer (w/ or w/o AA/AS degree)	349	348	308	323	293
Associate Degree Only (AA/AS)	19	18	19	13	12
Occupational Certificate or Job Training	13	19	11	17	9
Improve English/Math Basic Skills	3	1	2	1	1
Personal Development (intellectual/cultural)	2	5	3	8	5
Other	3	0	1	2	3
Undecided	38	48	35	27	27
Unknown	2	3	3	5	0
% Transfer (w/ or w/o AA/AS degree)	81%	79%	81%	82%	84%
% Associate Degree Only (AA/AS)	4%	4%	5%	3%	3%
% Occupational Certificate or Job Training	3%	4%	3%	4%	3%
% Improve English/Math Basic Skills	1%	<1%	1%	<1%	<1%
% Personal Development (intellectual/cultural)	<1%	1%	1%	2%	1%
% Other	1%	0%	<1%	1%	1%
% Undecided	9%	11%	9%	7%	8%
% Unknown	<1%	1%	1%	1%	0%



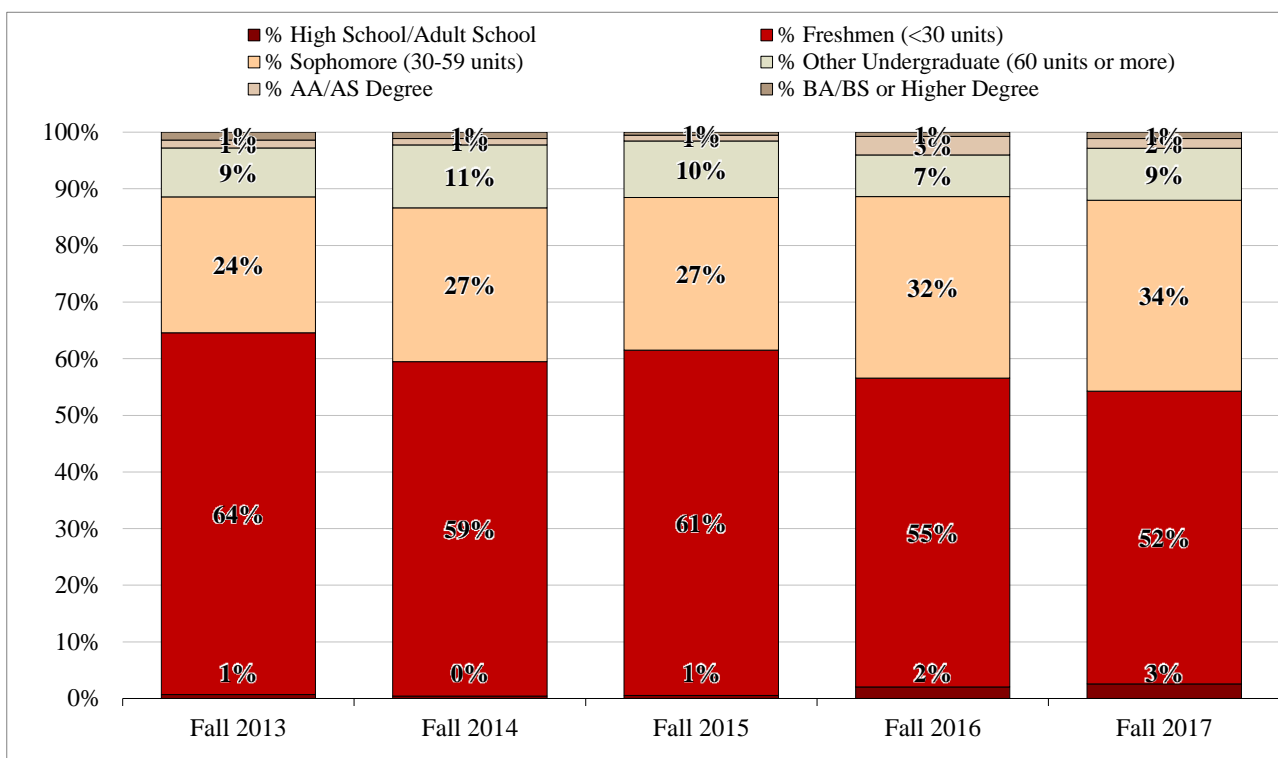
**Definitions:**

- 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.



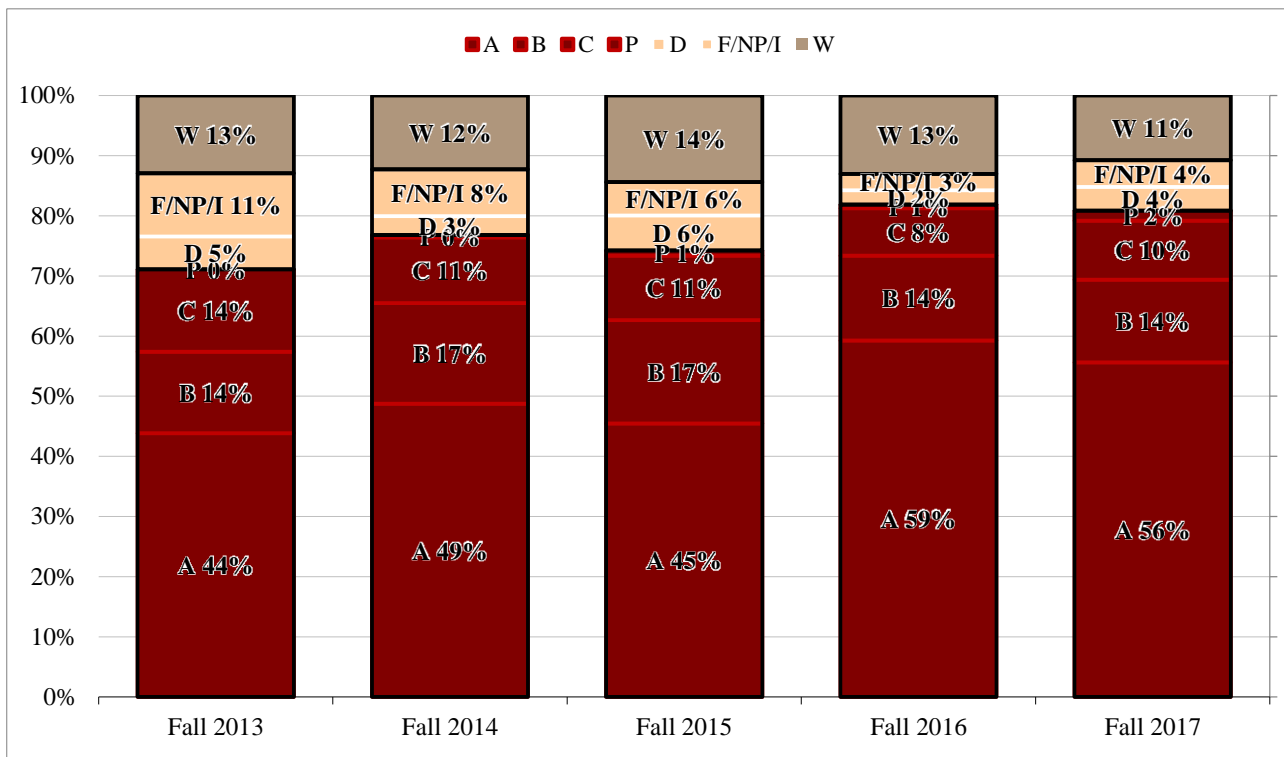
### Highest Educational Level of Students

	Geology ( GEOL )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
High School/Adult School	3	2	2	8	9
Freshmen (<30 units)	274	261	233	216	181
Sophomore (30-59 units)	103	120	103	127	118
Other Undergraduate (60 units or more)	37	49	38	29	32
AA/AS Degree	6	5	4	13	6
BA/BS or Higher Degree	6	5	2	3	4
% High School/Adult School	1%	<1%	1%	2%	3%
% Freshmen (<30 units)	64%	59%	61%	55%	52%
% Sophomore (30-59 units)	24%	27%	27%	32%	34%
% Other Undergraduate (60 units or more)	9%	11%	10%	7%	9%
% AA/AS Degree	1%	1%	1%	3%	2%
% BA/BS or Higher Degree	1%	1%	1%	1%	1%



### Student Performance: Grade Distribution

Geology ( GEOL )					
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
<b>Total Course Enrollments</b>	<b>494</b>	<b>513</b>	<b>466</b>	<b>469</b>	<b>428</b>
<b>Course Success Rates</b>	<b>71%</b>	<b>77%</b>	<b>74%</b>	<b>82%</b>	<b>81%</b>
A	44%	49%	45%	59%	56%
B	14%	17%	17%	14%	14%
C	14%	11%	11%	8%	10%
P	0%	<1%	1%	1%	2%
<b>Course Non-Success Rate</b>	<b>16%</b>	<b>11%</b>	<b>11%</b>	<b>5%</b>	<b>8%</b>
D	5%	3%	6%	2%	4%
F/NP/I	11%	8%	6%	3%	4%
<b>Withdrawals (W)</b>	<b>13%</b>	<b>12%</b>	<b>14%</b>	<b>13%</b>	<b>11%</b>



**Definitions:**

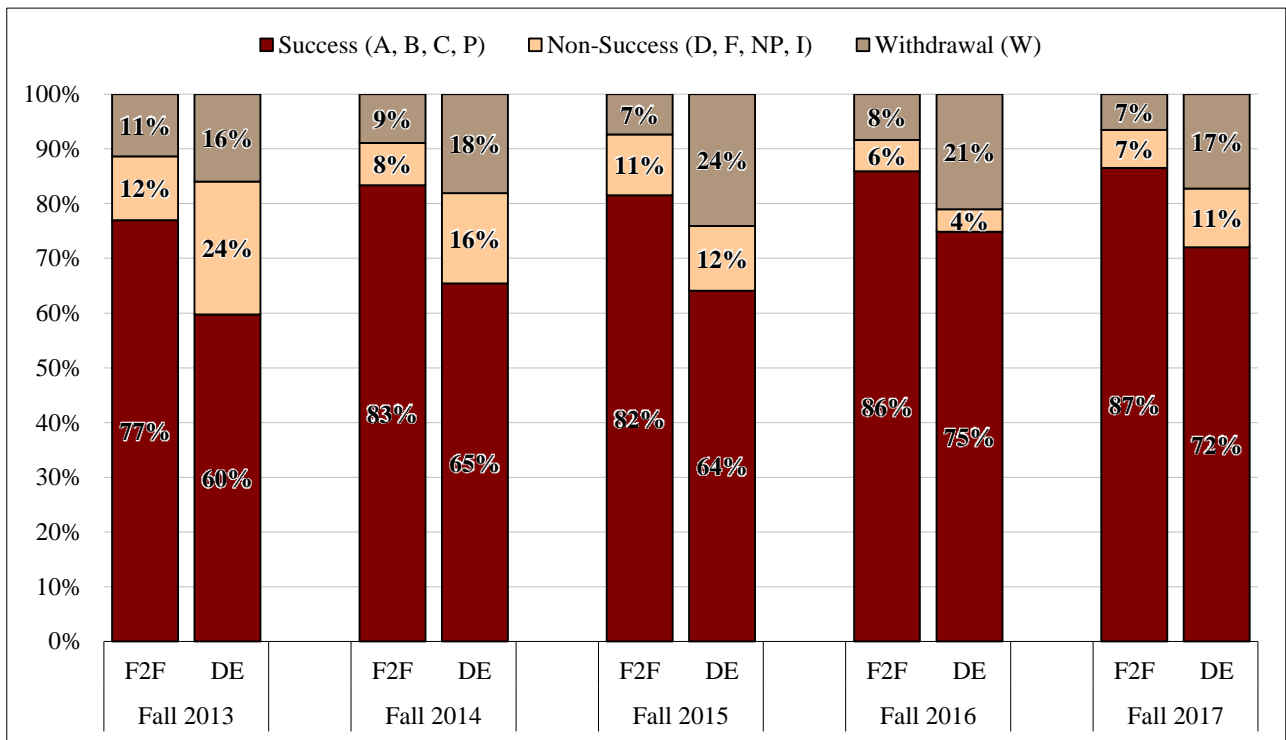
**Course Success Rate** is the percentage of students receiving a passing grade ('A', 'B', 'C', or 'P') relative to all students receiving a grade.

**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

	Geology ( GEOL )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
<b>Total Course Enrollments</b>	<b>494</b>	<b>513</b>	<b>466</b>	<b>469</b>	<b>428</b>
<b>Face-to-Face (F2F) Sections</b>	<b>325</b>	<b>325</b>	<b>271</b>	<b>298</b>	<b>260</b>
Success Rates	77%	83%	82%	86%	87%
Non-Success Rates	12%	8%	11%	6%	7%
Withdrawals	11%	9%	7%	8%	7%
<b>Distance Education (DE) Sections</b>	<b>169</b>	<b>188</b>	<b>195</b>	<b>171</b>	<b>168</b>
Success Rates	60%	65%	64%	75%	72%
Non-Success Rates	24%	16%	12%	4%	11%
Withdrawals	16%	18%	24%	21%	17%

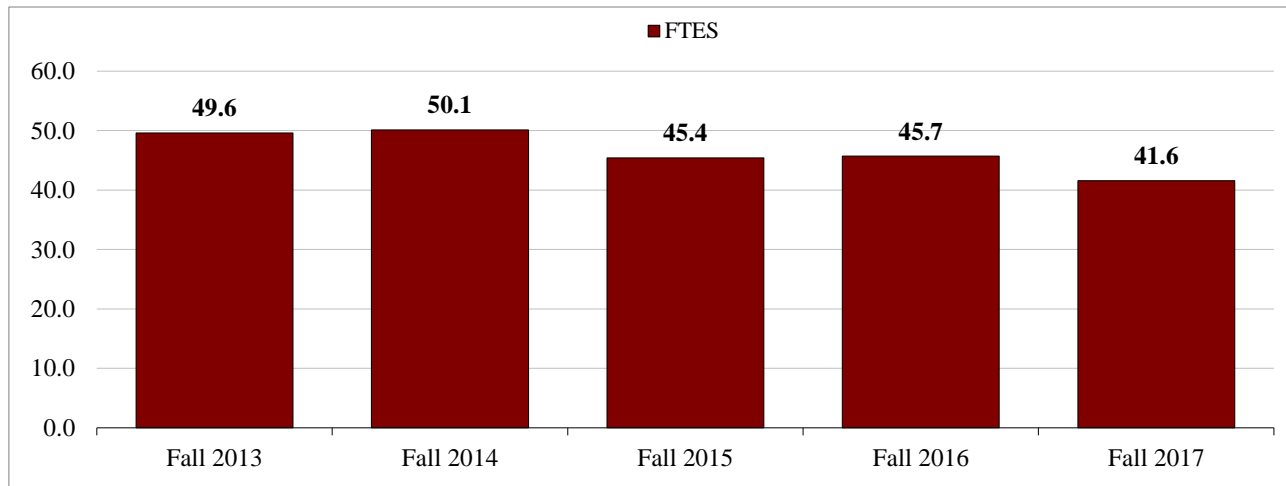
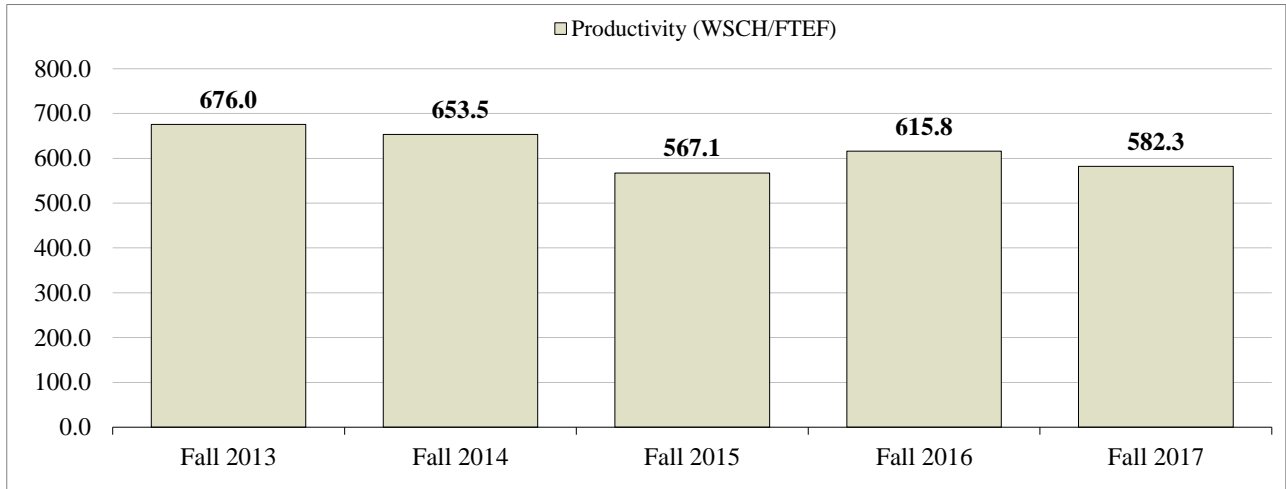


**Definitions:**

- 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

	Geology ( GEOL )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
WSCH	1,521	1,539	1,398	1,407	1,284
FTEs	49.6	50.1	45.4	45.7	41.6
FTEF	2.3	2.4	2.5	2.3	2.2
Productivity (WSCH/FTEF)	676.0	653.5	567.1	615.8	582.3



**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.

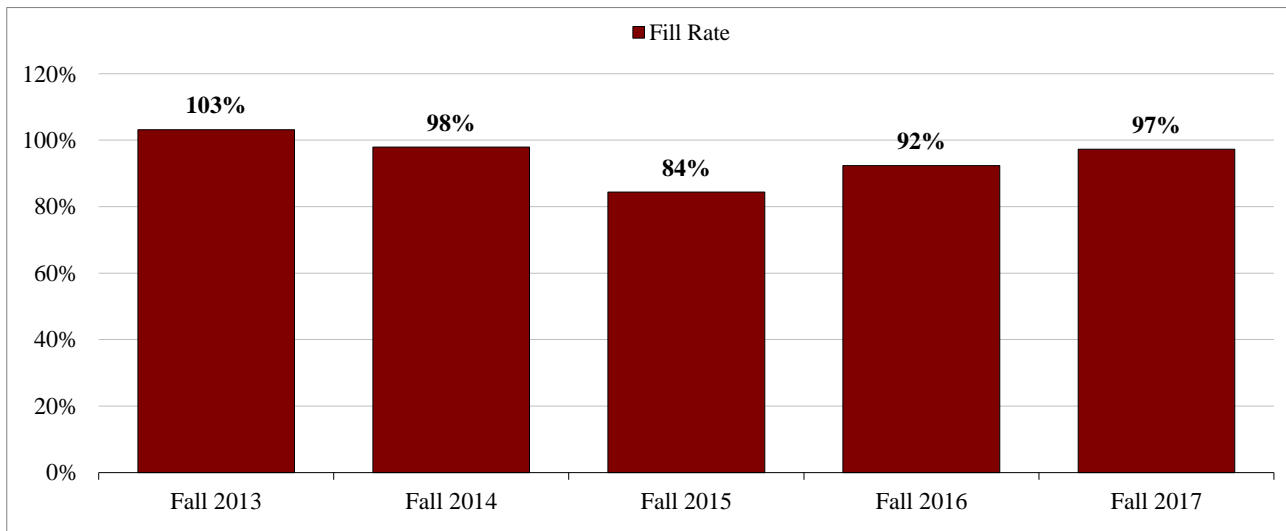
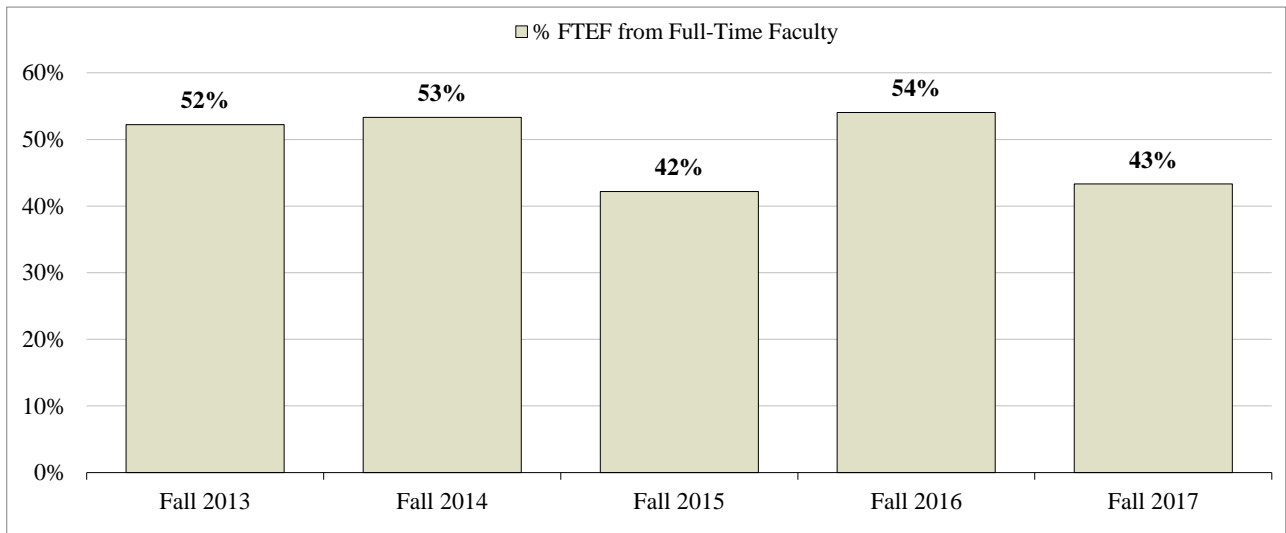
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**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 5/15/18.

## Enrollment Management: Part 2

	Geology ( GEOL )				
	Term				
	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017
FTEF from Full-Time Faculty	1.2	1.3	1.0	1.2	1.0
% FTEF from Full-Time Faculty	52%	53%	42%	54%	43%
Enrollments	494	513	466	469	428
Capacity (seats available)	479	524	552	508	440
Fill Rate	103%	98%	84%	92%	97%



**Definitions:**

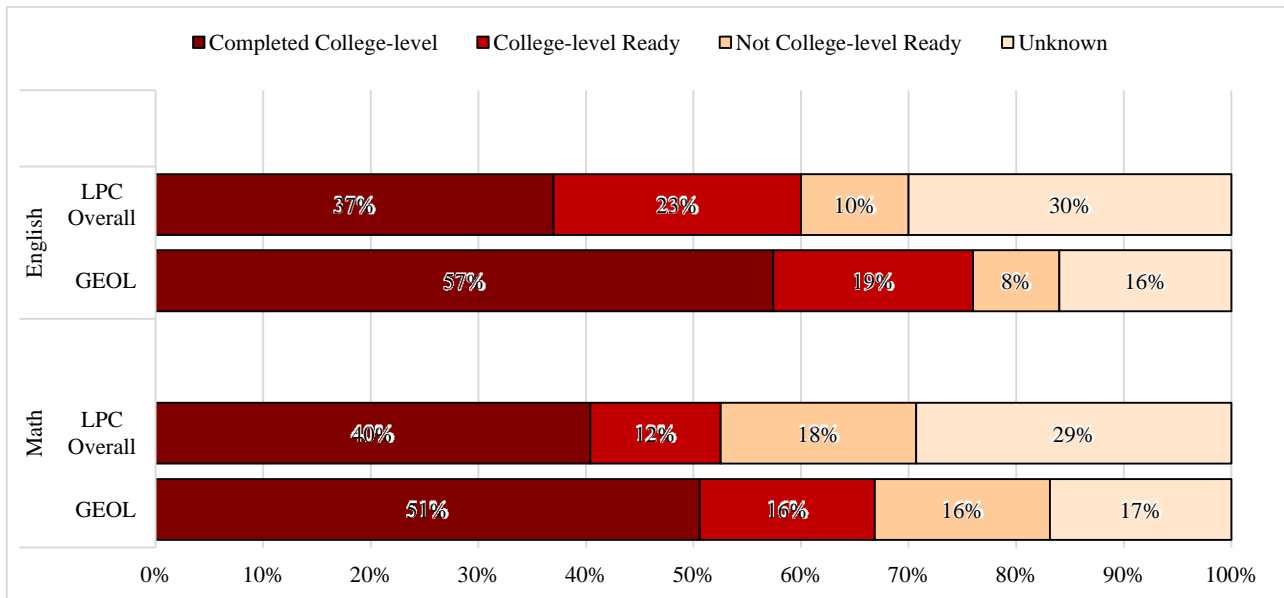
**Fill Rate** is number of enrollments over the total capacity (seats available).

**% 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

Fall 2017				
	GEOL		LPC Overall	
	Num	Pct	Num	Pct
<b>College English</b>				
Completed College-level	201	57%	3,485	37%
College-level Ready	65	20%	2,141	23%
Not College-level Ready	28	9%	904	10%
Unknown	56	16%	2,842	30%
<b>College Math</b>				
Completed College-level	177	51%	3,738	40%
College-level Ready	57	16%	1,138	12%
Not College-level Ready	57	16%	1,733	18%
Unknown	59	17%	2,763	29%



**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.