Las Positas College

Program Review Discipline Data Packet

Spring 2013 to Spring 2017

Discipline:

Computer Science (CS)

Headcount & Enrollment

Computer Science (CS)					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
Student Headcount	174	191	252	313	347
Total Course Enrollments	206	217	266	335	383

■ Student Headcount   □ Total Course Enrollments

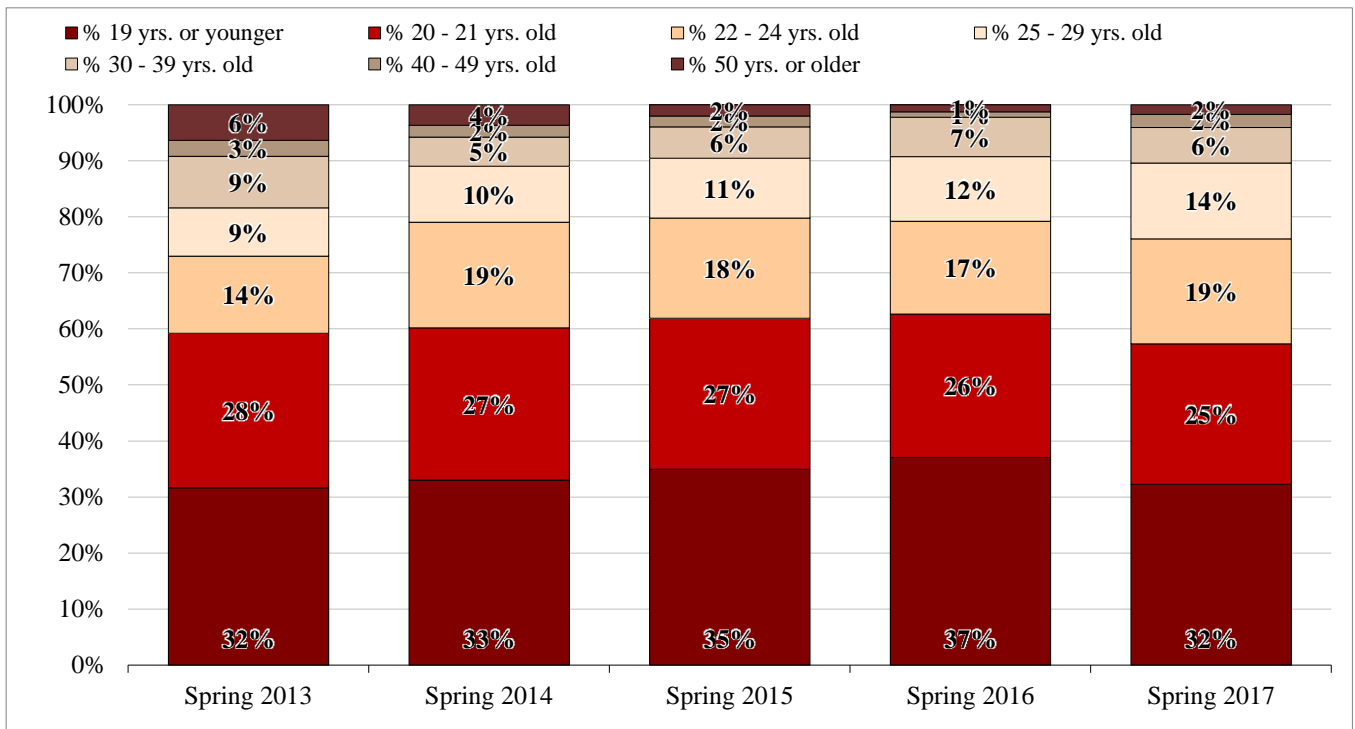| Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
174 / 206	191 / 217	252 / 266	313 / 335	347 / 383
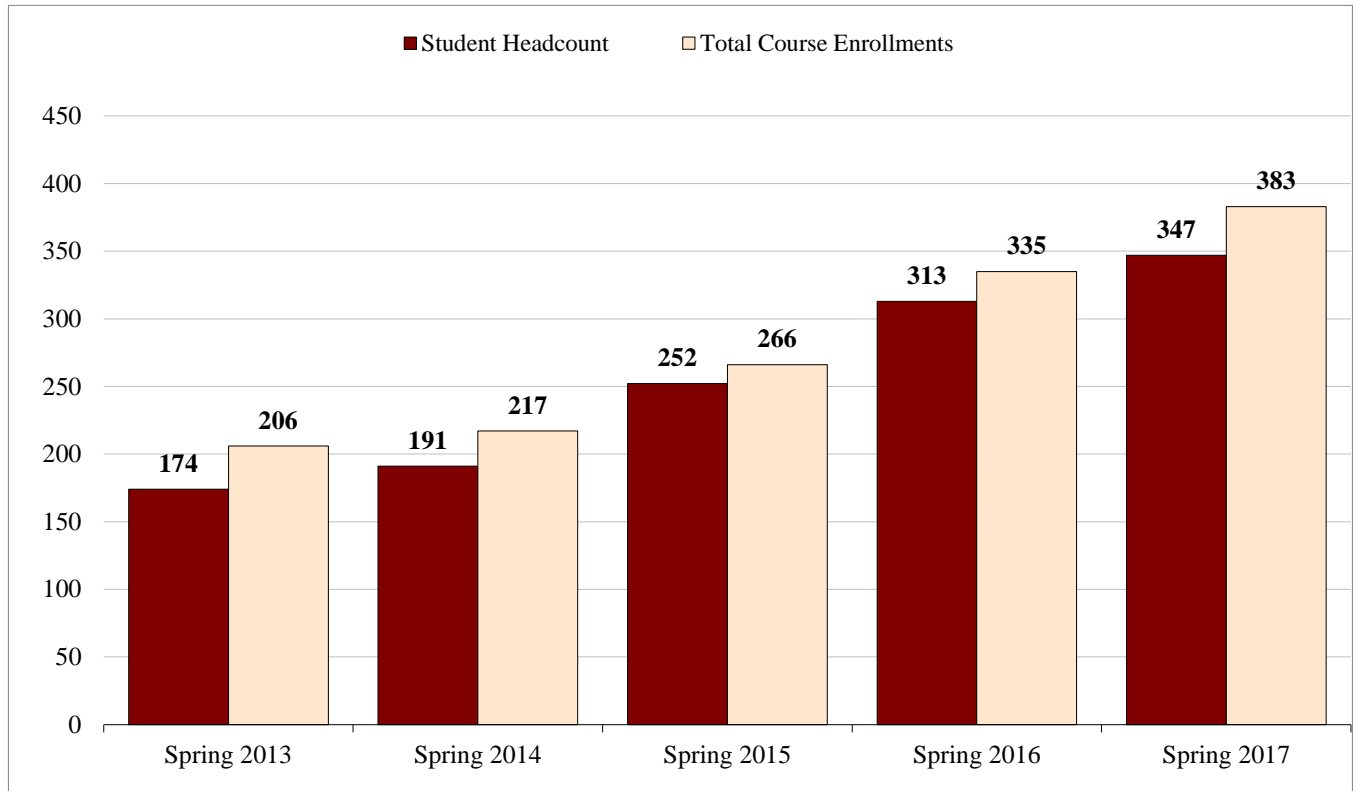
Definitions:

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.
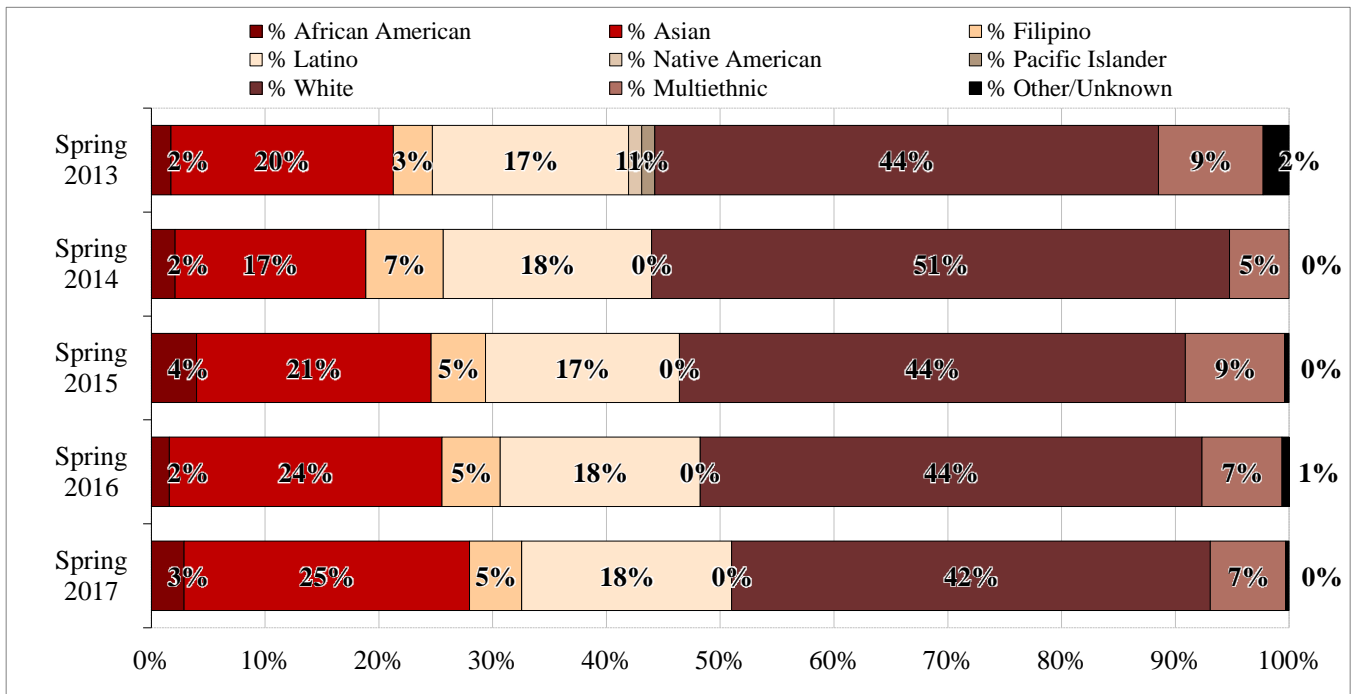
Student Demographics: Gender & Age

Computer Science (CS)					
	Term				
	Spring 2013	**Spring 2014**	**Spring 2015**	**Spring 2016**	**Spring 2017**
Female	25	20	39	68	64
Male	144	167	208	243	276
19 yrs. or younger	55	63	88	116	112
20-21 yrs. old	48	52	68	80	87
22-24 yrs. old	24	36	45	52	65
25-29 yrs. old	15	19	27	36	47
30-39 yrs. old	16	10	14	22	22
40-49 yrs. old	5	4	5	3	8
50 yrs. or older	11	7	5	4	6
% Female	15%	11%	16%	22%	19%
% Male	85%	89%	84%	78%	81%
% 19 yrs. or younger	32%	33%	35%	37%	32%
% 20 - 21 yrs. old	28%	27%	27%	26%	25%
% 22 - 24 yrs. old	14%	19%	18%	17%	19%
% 25 - 29 yrs. old	9%	10%	11%	12%	14%
% 30 - 39 yrs. old	9%	5%	6%	7%	6%
% 40 - 49 yrs. old	3%	2%	2%	1%	2%
% 50 yrs. or older	6%	4%	2%	1%	2%

Student Demographic: Race-Ethnicity

Computer Science (CS)					
	Term				
	Spring 2013	**Spring 2014**	**Spring 2015**	**Spring 2016**	**Spring 2017**
African American	3	4	10	5	10
Asian	34	32	52	75	87
Filipino	6	13	12	16	16
Latino	30	35	43	55	64
Native American	2	0	0	0	0
Pacific Islander	2	0	0	0	0
White	77	97	112	138	146
Multiethnic	16	10	22	22	23
Other/Unknown	4	0	1	2	1
% African American	2%	2%	4%	2%	3%
% Asian	20%	17%	21%	24%	25%
% Filipino	3%	7%	5%	5%	5%
% Latino	17%	18%	17%	18%	18%
% Native American	1%	0%	0%	0%	0%
% Pacific Islander	1%	0%	0%	0%	0%
% White	44%	51%	44%	44%	42%
% Multiethnic	9%	5%	9%	7%	7%
% Other/Unknown	2%	0%	<1%	1%	<1%

Note: Multiethnic category became available in Fall 2011.

Student Enrollment Status

Computer Science (CS)					
	Term				
	Spring 2013	**Spring 2014**	**Spring 2015**	**Spring 2016**	**Spring 2017**
First-Time Any College	3	5	10	5	9
First-Time Transfer	6	10	19	15	22
Continuing	155	170	213	273	295
Returning	6	3	8	15	13
Concurrent Enrollment	4	2	2	5	8
% First-Time Any College	2%	3%	4%	2%	3%
% First-Time Transfer	3%	5%	8%	5%	6%
% Continuing	89%	89%	85%	87%	85%
% Returning	3%	2%	3%	5%	4%
% Concurrent Enrollment	2%	1%	1%	2%	2%
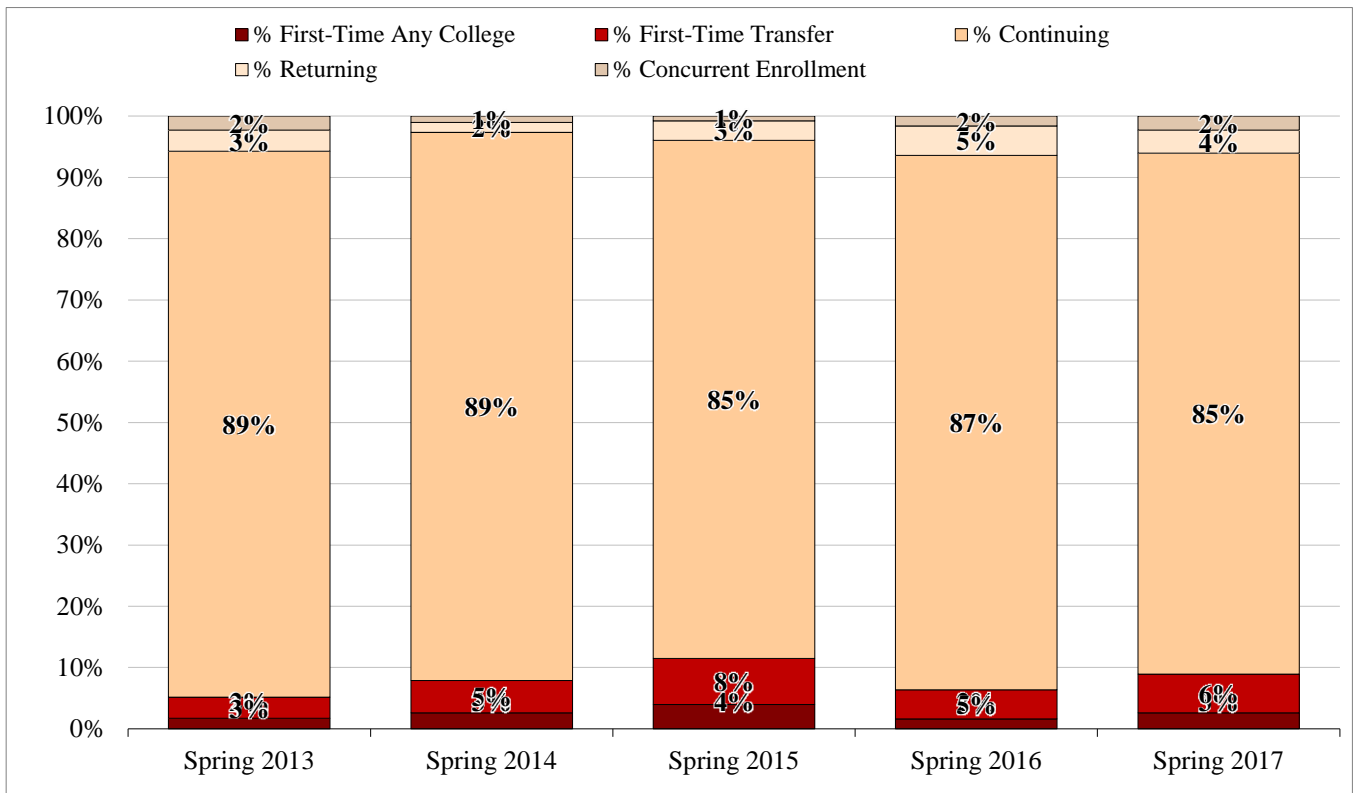
Definitions:

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

Computer Science (CS)					
	Term				
	Spring 2013	**Spring 2014**	**Spring 2015**	**Spring 2016**	**Spring 2017**
Full-Time (12 units or more)	108	111	148	207	208
Part-Time (6 to 11.5 units)	46	52	72	72	89
Part-Time (0.5 to 5.5 units)	20	28	32	34	50
% Full-Time (12 units or more)	62%	58%	59%	66%	60%
% Part-Time (6 to 11.5 units)	26%	27%	29%	23%	26%
% Part-Time (0.5 to 5.5 units)	11%	15%	13%	11%	14%
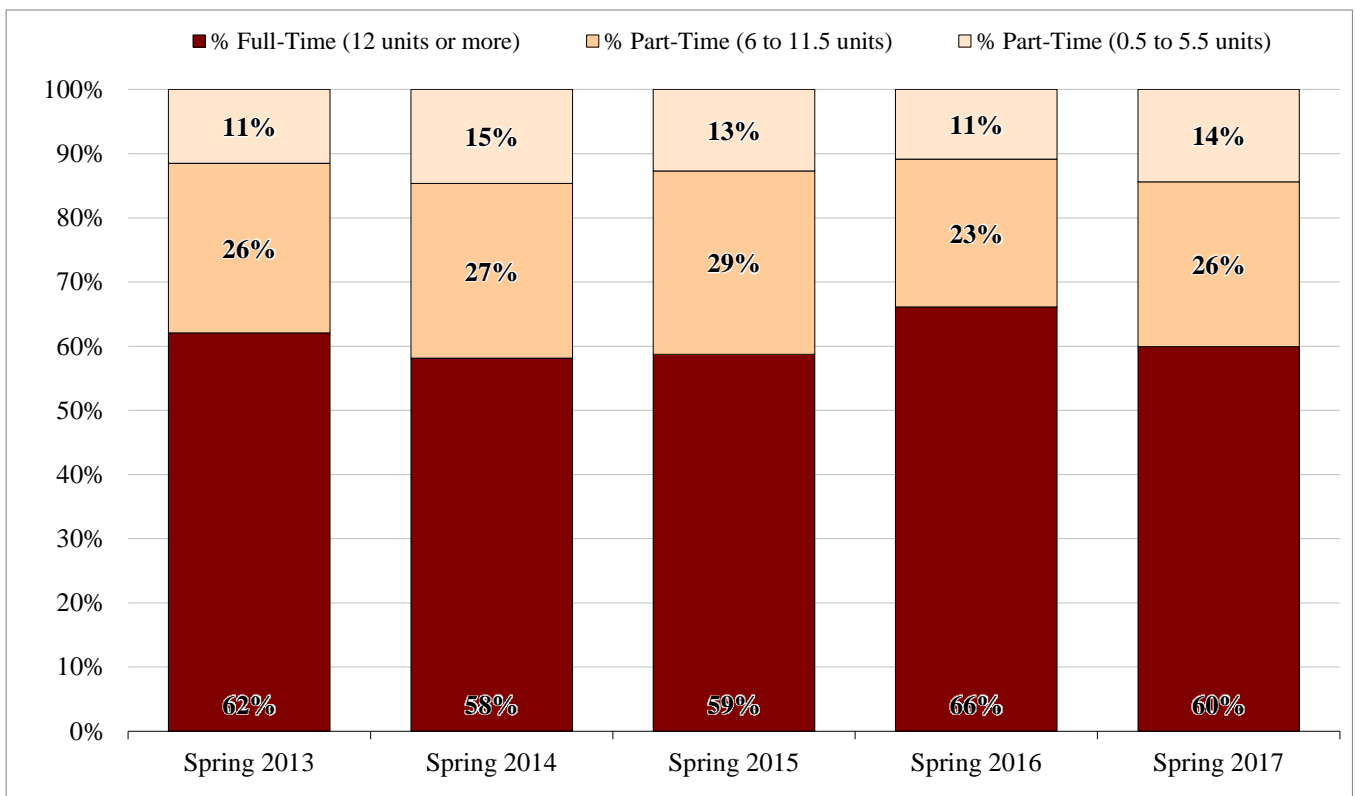
Student Educational Goal

Computer Science (CS)					
	Term				
	Spring 2013	**Spring 2014**	**Spring 2015**	**Spring 2016**	**Spring 2017**
Transfer (w/ or w/o AA/AS degree)	129	147	209	251	266
Associate Degree Only (AA/AS)	4	3	5	10	13
Occupational Certificate or Job Training	21	16	14	21	18
Improve English/Math Basic Skills	2	1	1	5	3
Personal Development (intellectual/cultural)	1	6	8	2	9
Other	1	1	0	1	0
Undecided	15	16	13	20	36
Unknown	1	1	2	3	2
% Transfer (w/ or w/o AA/AS degree)	74%	77%	83%	80%	77%
% Associate Degree Only (AA/AS)	2%	2%	2%	3%	4%
% Occupational Certificate or Job Training	12%	8%	6%	7%	5%
% Improve English/Math Basic Skills	1%	1%	<1%	2%	1%
% Personal Development (intellectual/cultural)	1%	3%	3%	1%	3%
% Other	1%	1%	0%	<1%	0%
% Undecided	9%	8%	5%	6%	10%
% Unknown	1%	1%	1%	1%	1%
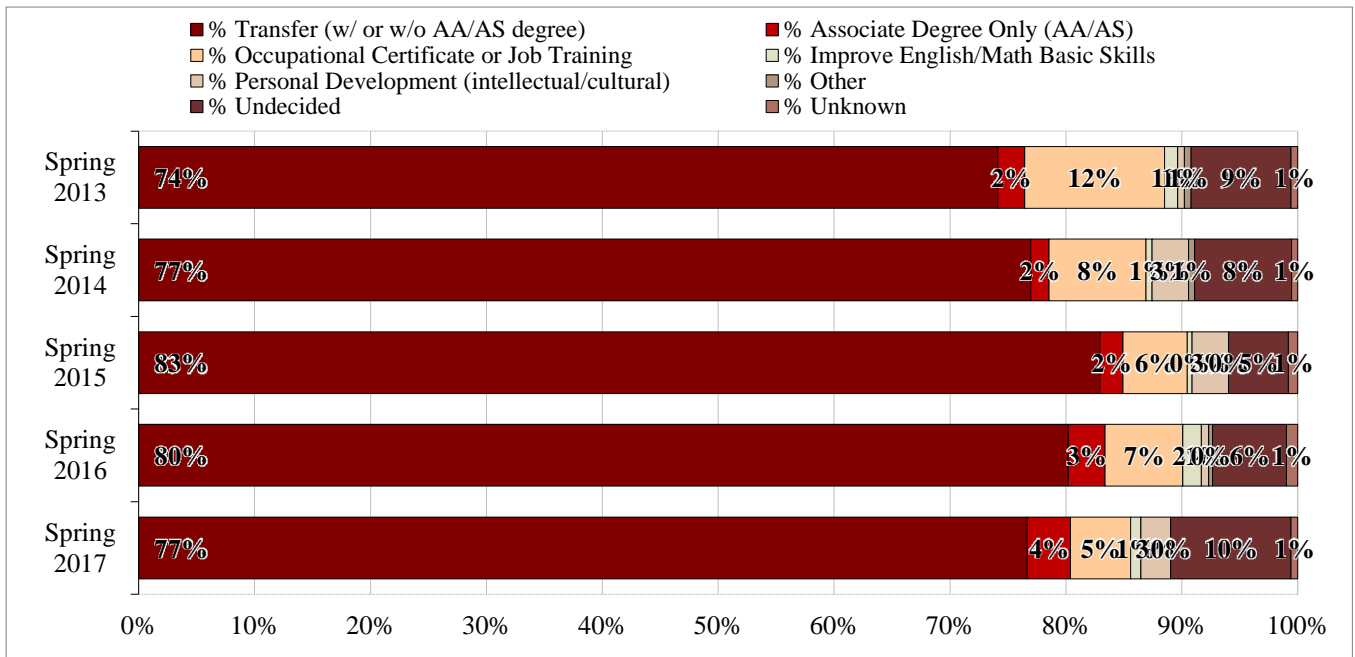
Definitions:

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

Computer Science (CS)					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
High School/Adult School	4	3	2	7	10
Freshmen (<30 units)	66	74	130	153	148
Sophomore (30-59 units)	43	61	65	78	95
Other Undergraduate (60 units or more)	43	36	34	43	64
AA/AS Degree	2	2	2	5	4
BA/BS or Higher Degree	16	15	19	27	26
% High School/Adult School	2%	2%	1%	2%	3%
% Freshmen (<30 units)	38%	39%	52%	49%	43%
% Sophomore (30-59 units)	25%	32%	26%	25%	27%
% Other Undergraduate (60 units or more)	25%	19%	13%	14%	18%
% AA/AS Degree	1%	1%	1%	2%	1%
% BA/BS or Higher Degree	9%	8%	8%	9%	7%
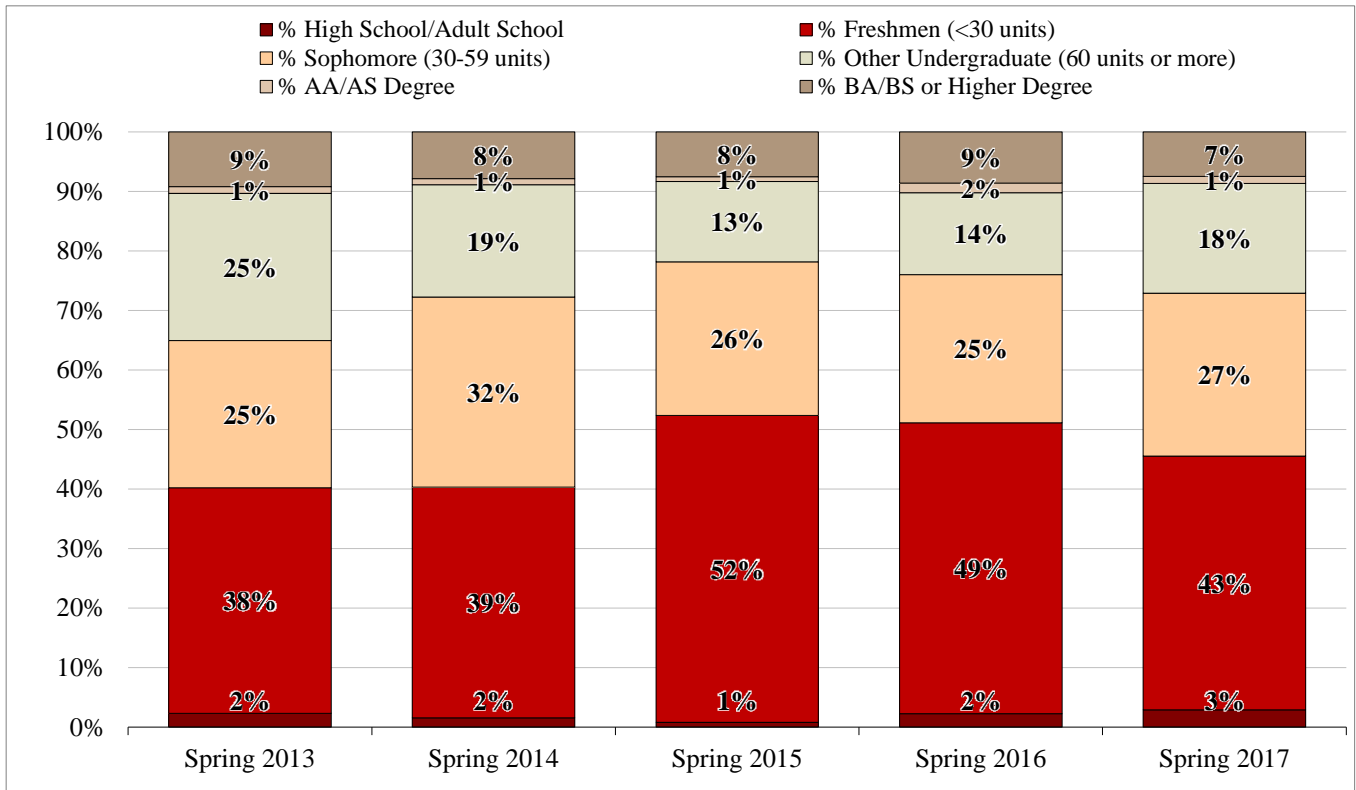
Student Performance

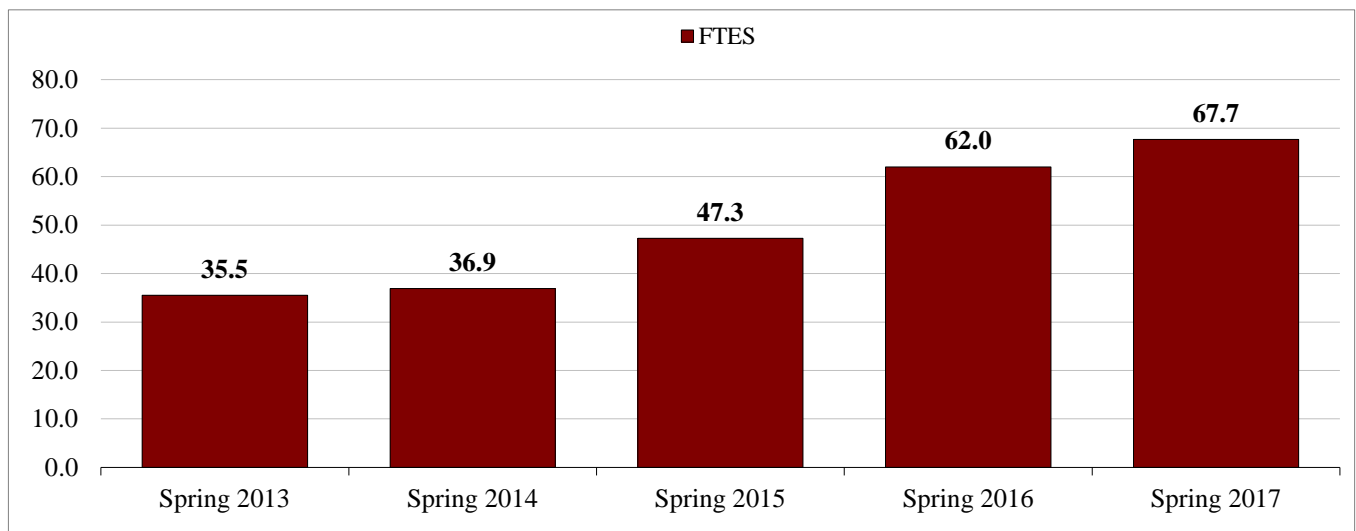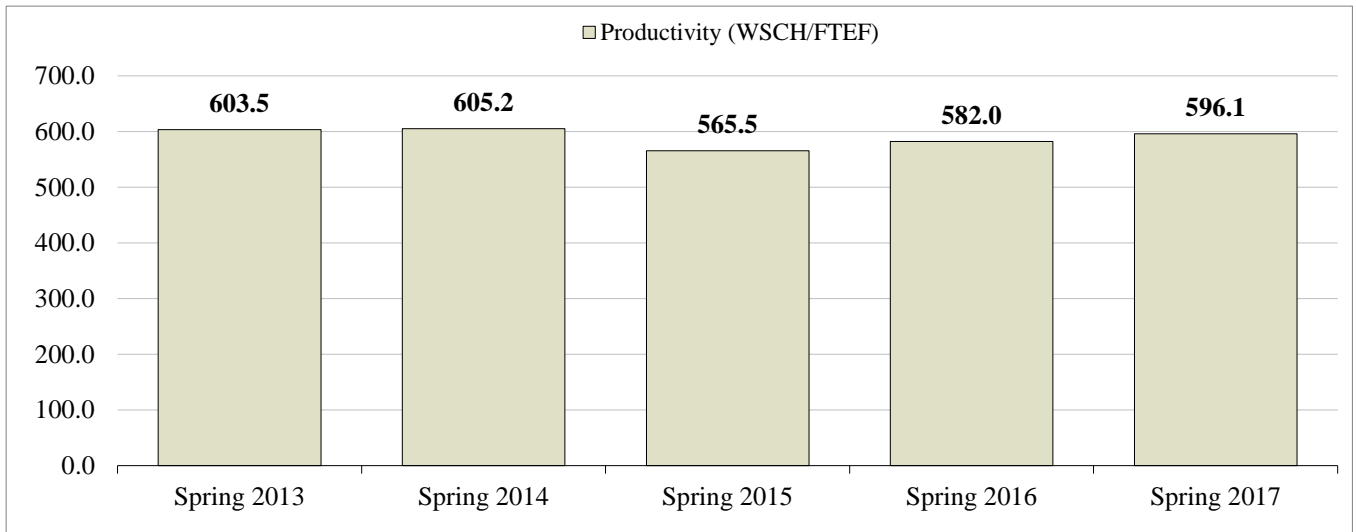| Computer Science (CS)					
	Term				
	Spring 2013	Spring 2014	Spring 2015	Spring 2016	Spring 2017
Course Success Rate	63%	66%	60%	61%	65%
Course Completion Rate	79%	83%	77%	78%	84%
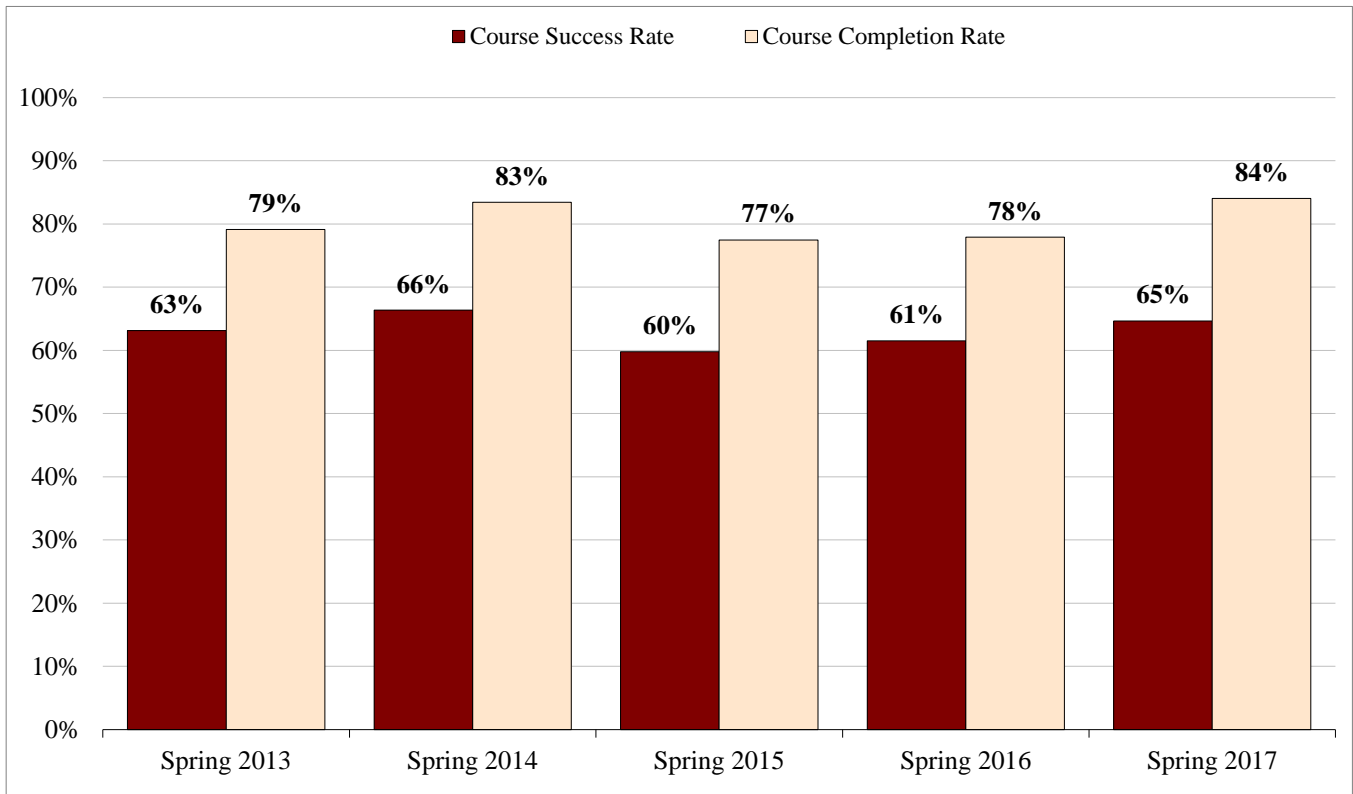
Definitions:

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

Computer Science (CS)					
	Term				
	Spring 2013	**Spring 2014**	**Spring 2015**	**Spring 2016**	**Spring 2017**
WSCH	1,096	1,139	1,460	1,910	2,165
FTES	35.5	36.9	47.3	62.0	67.7
FTEF	1.8	1.9	2.6	3.3	3.6
Productivity (WSCH/FTEF)	603.5	605.2	565.5	582.0	596.1

Productivity (WSCH/FTEF)

Term	Productivity
Spring 2013	603.5
Spring 2014	605.2
Spring 2015	565.5
Spring 2016	582.0
Spring 2017	596.1

FTES

Term	FTES
Spring 2013	35.5
Spring 2014	36.9
Spring 2015	47.3
Spring 2016	62.0
Spring 2017	67.7

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 7/11/17.

Enrollment Management: Part 2

Computer Science (CS)					
	Term				
	Spring 2013	**Spring 2014**	**Spring 2015**	**Spring 2016**	**Spring 2017**
FTEF from Full-Time Faculty	0.9	0.8	1.2	1.9	2.3
% FTEF from Full-Time Faculty	52%	44%	46%	57%	64%
Enrollments	206	217	266	335	383
Capacity (seats available)	210	180	300	395	391
Fill Rate	98%	121%	89%	85%	98%
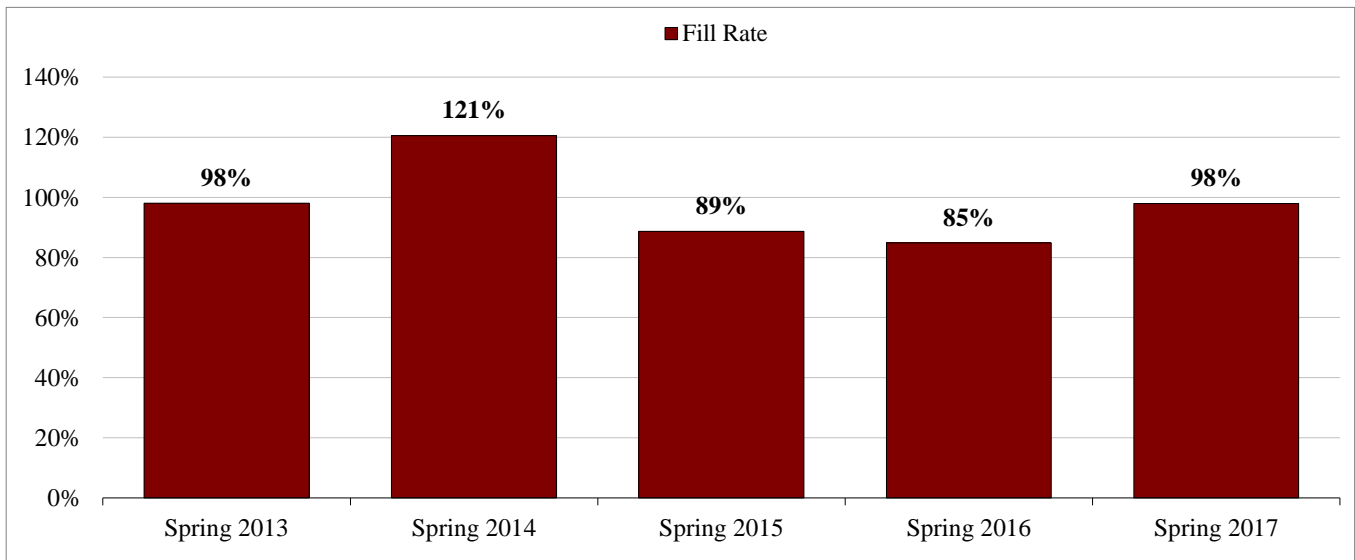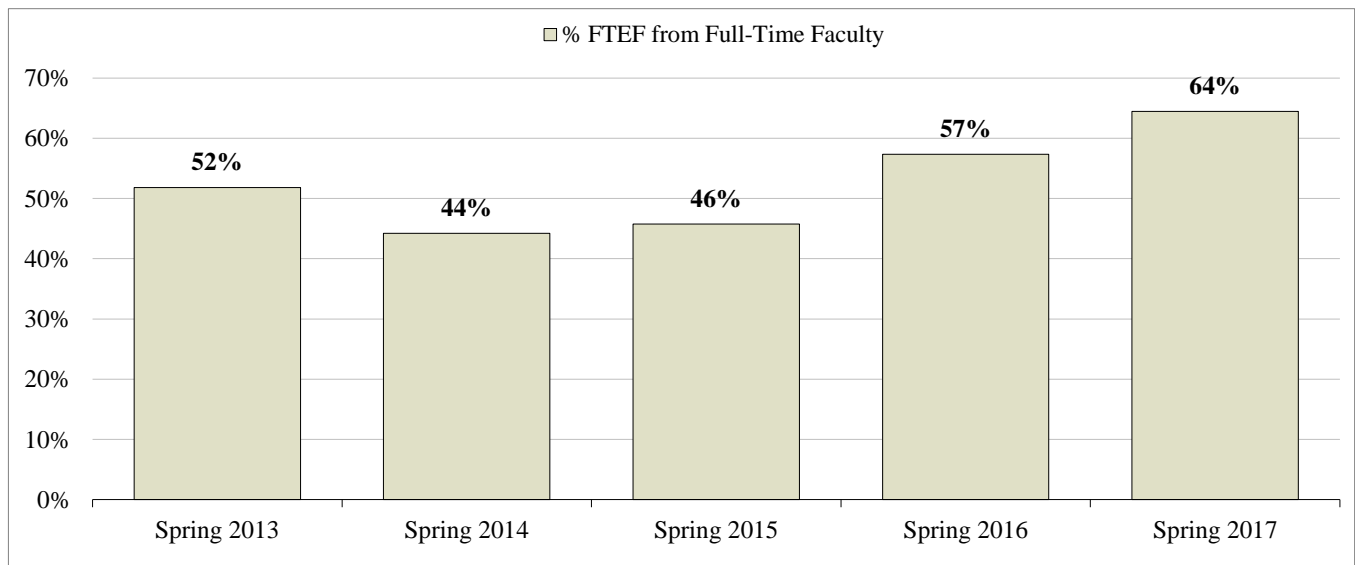
Definitions:

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.