



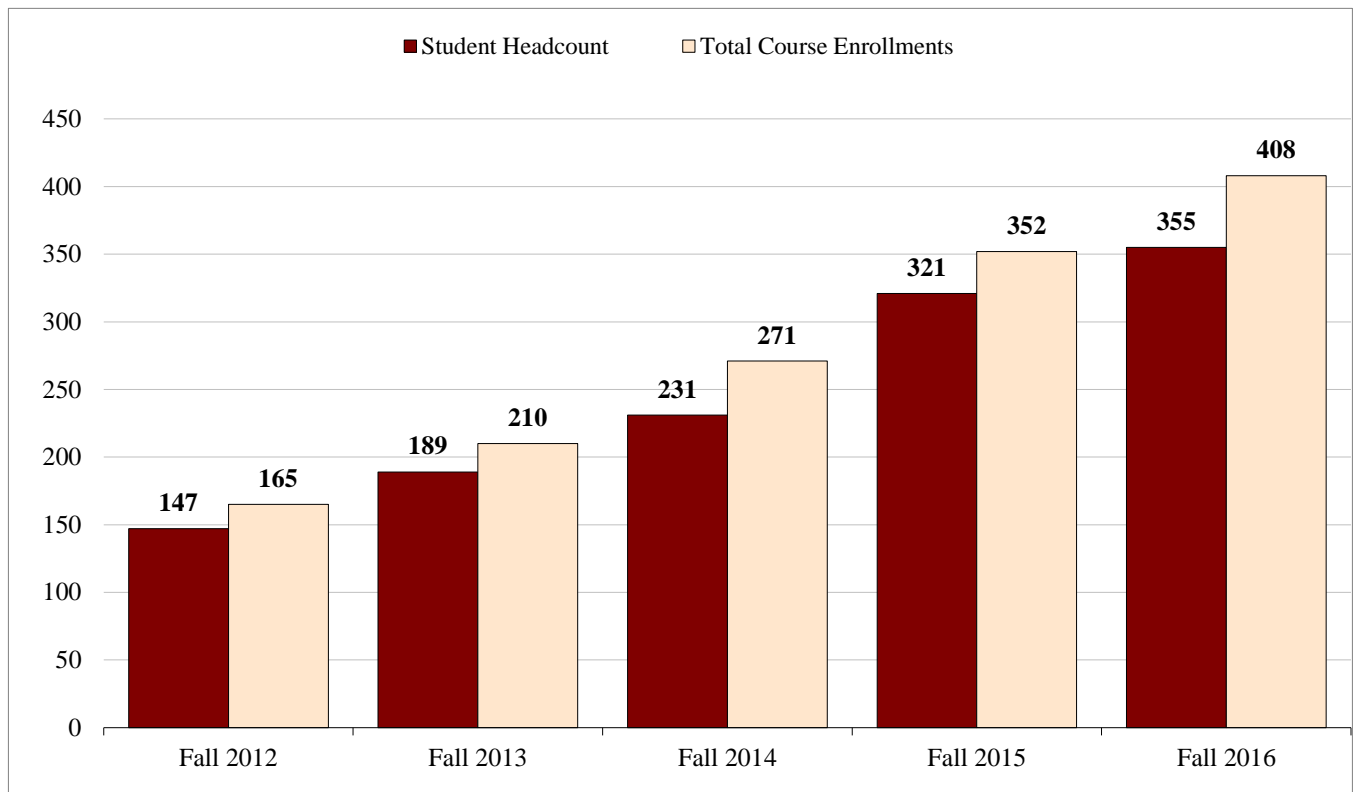
Las Positas College  
**Program Review Discipline Data Packet**  
Fall 2012 to Fall 2016

Discipline:  
**Computer Science (CS)**

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## Headcount & Enrollment

Computer Science ( CS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Student Headcount	147	189	231	321	355
Total Course Enrollments	165	210	271	352	408



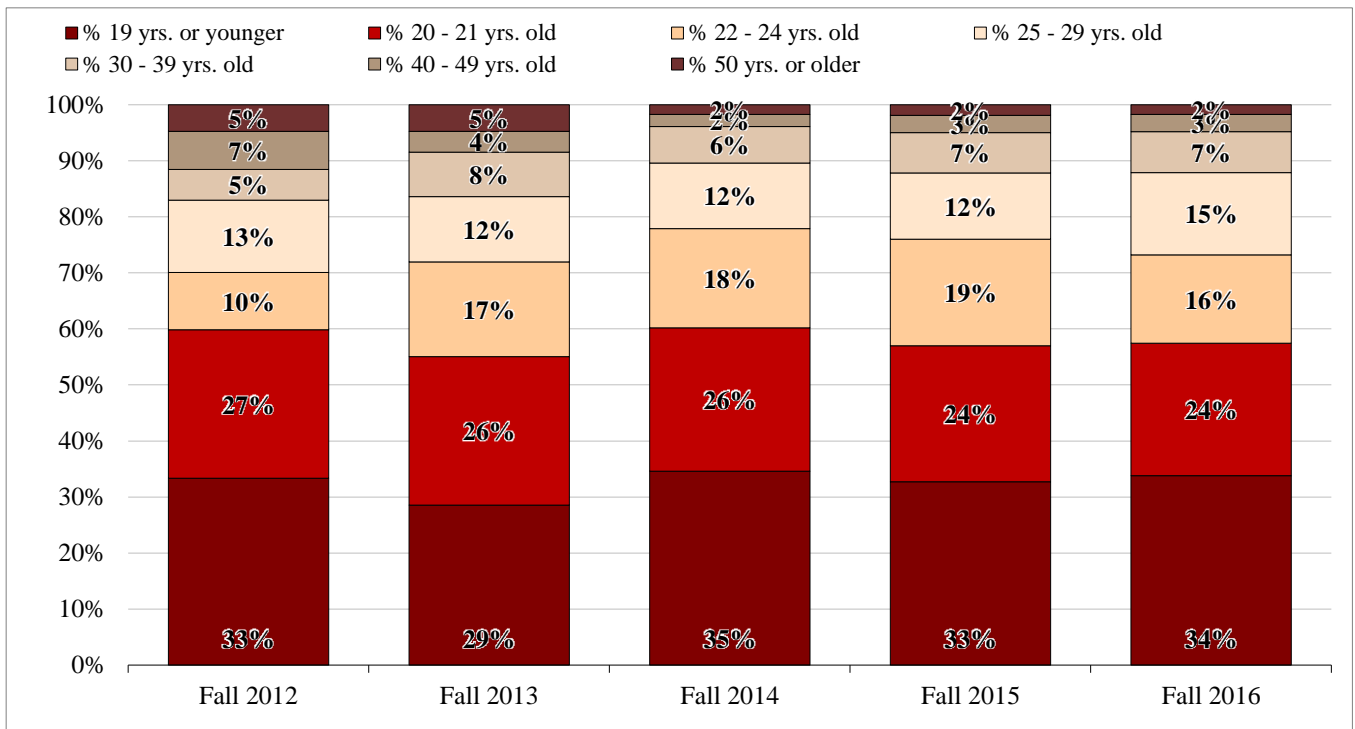
**Definitions:**

**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.

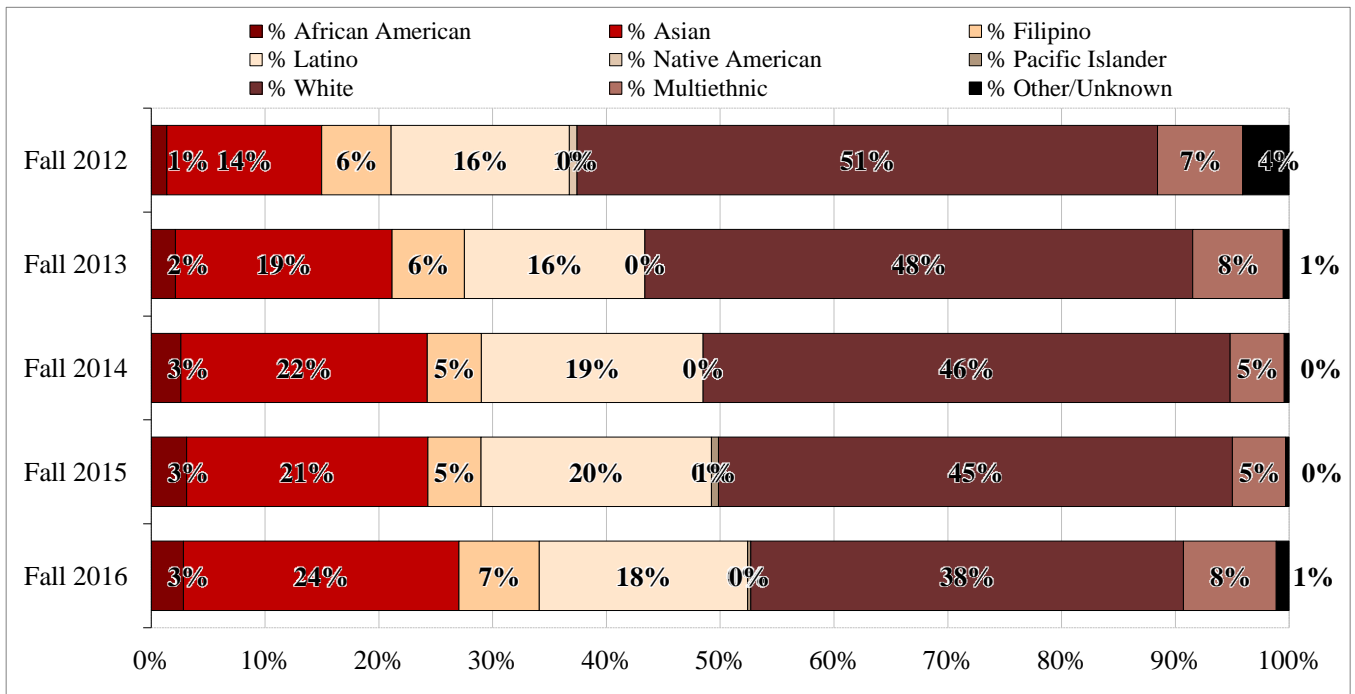
### Student Demographics: Gender & Age

Computer Science ( CS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Female	25	28	26	51	79
Male	119	159	203	268	269
19 yrs. or younger	49	54	80	105	120
20-21 yrs. old	39	50	59	78	84
22-24 yrs. old	15	32	41	61	56
25-29 yrs. old	19	22	27	38	52
30-39 yrs. old	8	15	15	23	26
40-49 yrs. old	10	7	5	10	11
50 yrs. or older	7	9	4	6	6
% Female	17%	15%	11%	16%	23%
% Male	83%	85%	89%	84%	77%
% 19 yrs. or younger	33%	29%	35%	33%	34%
% 20 - 21 yrs. old	27%	26%	26%	24%	24%
% 22 - 24 yrs. old	10%	17%	18%	19%	16%
% 25 - 29 yrs. old	13%	12%	12%	12%	15%
% 30 - 39 yrs. old	5%	8%	6%	7%	7%
% 40 - 49 yrs. old	7%	4%	2%	3%	3%
% 50 yrs. or older	5%	5%	2%	2%	2%



### Student Demographic: Race-Ethnicity

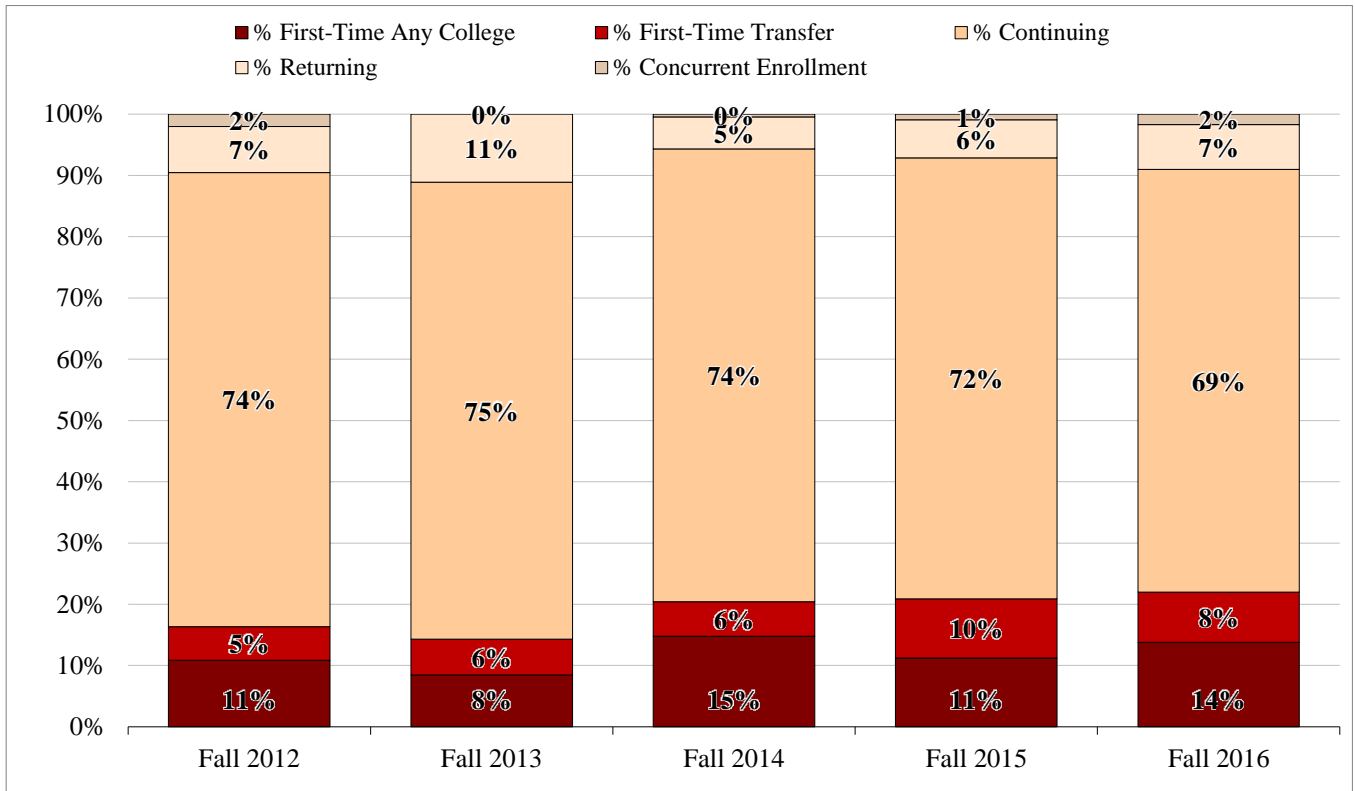
Computer Science ( CS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
African American	2	4	6	10	10
Asian	20	36	50	68	86
Filipino	9	12	11	15	25
Latino	23	30	45	65	65
Native American	1	0	0	0	0
Pacific Islander	0	0	0	2	1
White	75	91	107	145	135
Multiethnic	11	15	11	15	29
Other/Unknown	6	1	1	1	4
% African American	1%	2%	3%	3%	3%
% Asian	14%	19%	22%	21%	24%
% Filipino	6%	6%	5%	5%	7%
% Latino	16%	16%	19%	20%	18%
% Native American	1%	0%	0%	0%	0%
% Pacific Islander	0%	0%	0%	1%	<1%
% White	51%	48%	46%	45%	38%
% Multiethnic	7%	8%	5%	5%	8%
% Other/Unknown	4%	1%	<1%	<1%	1%



Note: Multiethnic category became available in Fall 2011.

## Student Enrollment Status

Computer Science ( CS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
First-Time Any College	16	16	34	36	49
First-Time Transfer	8	11	13	31	29
Continuing	109	141	170	231	245
Returning	11	21	12	20	26
Concurrent Enrollment	3	0	1	3	6
% First-Time Any College	11%	8%	15%	11%	14%
% First-Time Transfer	5%	6%	6%	10%	8%
% Continuing	74%	75%	74%	72%	69%
% Returning	7%	11%	5%	6%	7%
% Concurrent Enrollment	2%	0%	<1%	1%	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.

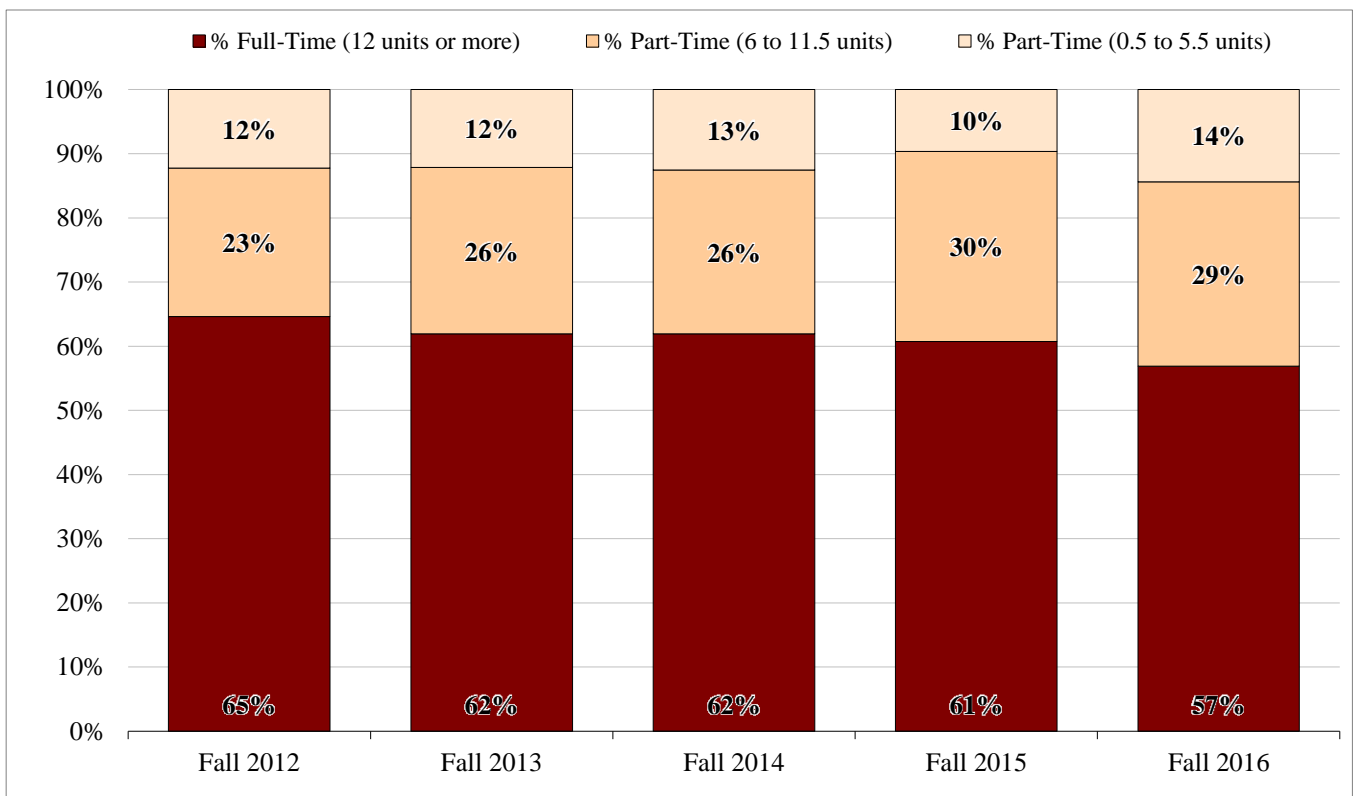
**Continuing:** Students enrolled in the current semester and were enrolled in the previous primary term. Primary terms are Fall and Spring.

**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.

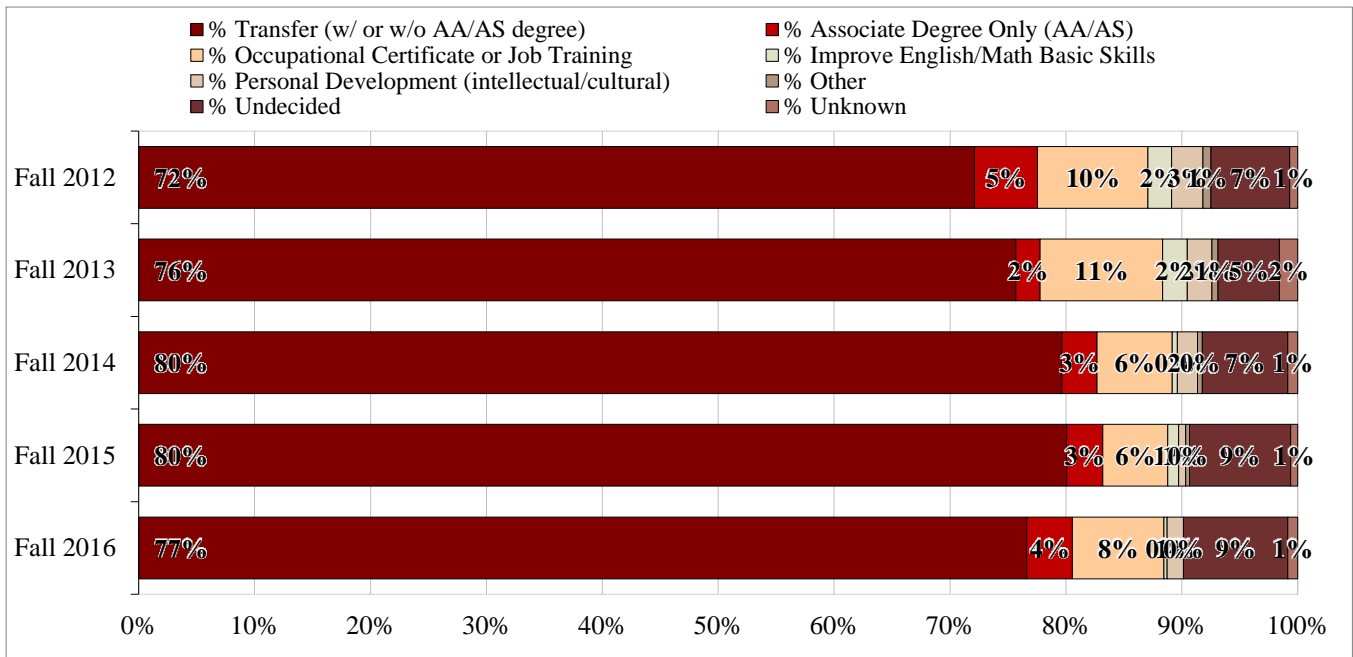
### Student Unit Load

Computer Science ( CS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Full-Time (12 units or more)	95	117	143	195	202
Part-Time (6 to 11.5 units)	34	49	59	95	102
Part-Time (0.5 to 5.5 units)	18	23	29	31	51
% Full-Time (12 units or more)	65%	62%	62%	61%	57%
% Part-Time (6 to 11.5 units)	23%	26%	26%	30%	29%
% Part-Time (0.5 to 5.5 units)	12%	12%	13%	10%	14%



## Student Educational Goal

Computer Science ( CS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Transfer (w/ or w/o AA/AS degree)	106	143	184	257	272
Associate Degree Only (AA/AS)	8	4	7	10	14
Occupational Certificate or Job Training	14	20	15	18	28
Improve English/Math Basic Skills	3	4	1	3	1
Personal Development (intellectual/cultural)	4	4	4	2	5
Other	1	1	1	1	0
Undecided	10	10	17	28	32
Unknown	1	3	2	2	3
<hr/>					
% Transfer (w/ or w/o AA/AS degree)	72%	76%	80%	80%	77%
% Associate Degree Only (AA/AS)	5%	2%	3%	3%	4%
% Occupational Certificate or Job Training	10%	11%	6%	6%	8%
% Improve English/Math Basic Skills	2%	2%	<1%	1%	<1%
% Personal Development (intellectual/cultural)	3%	2%	2%	1%	1%
% Other	1%	1%	<1%	<1%	0%
% Undecided	7%	5%	7%	9%	9%
% Unknown	1%	2%	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.

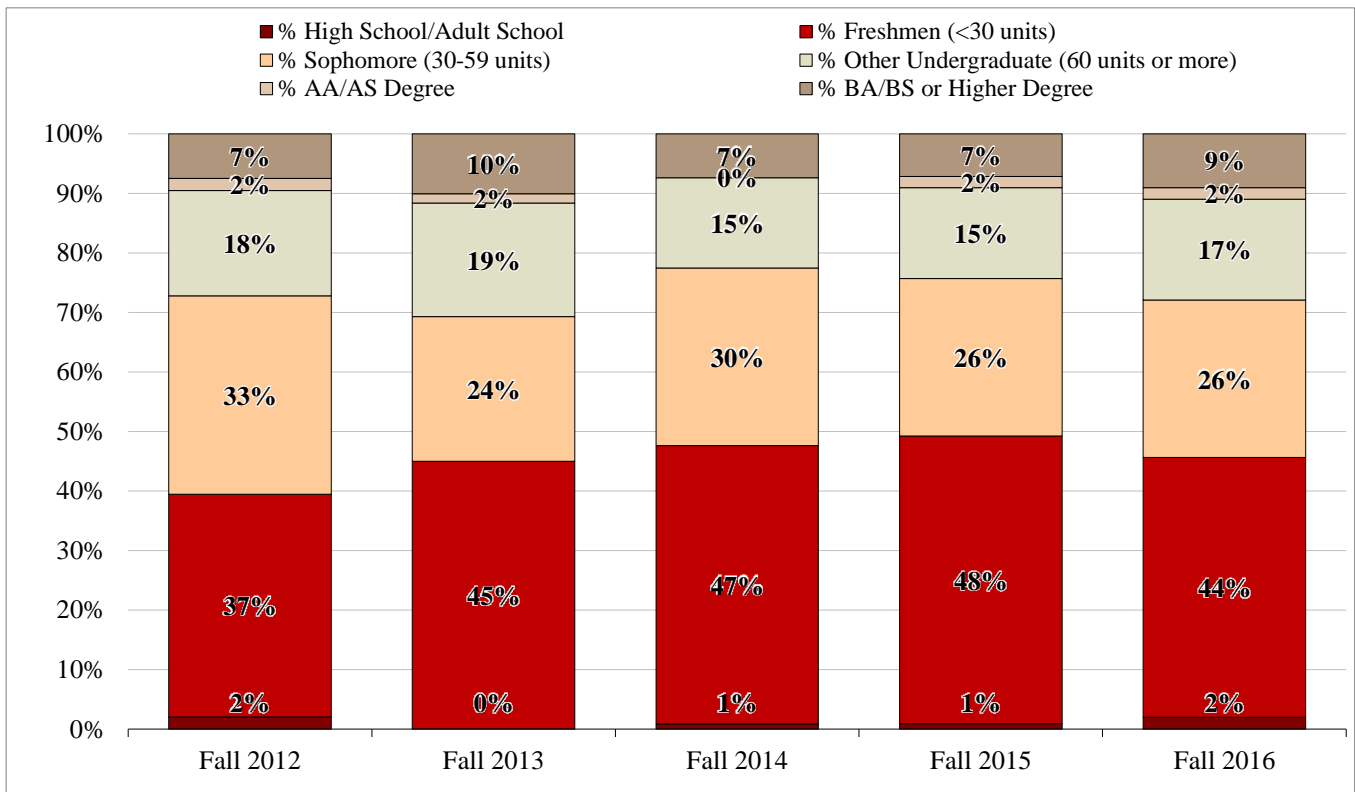
**Occupational Certificate/Job Training:** Acquire job skills, explore career interests, earn a certificate, or maintain a certificate/license.

**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

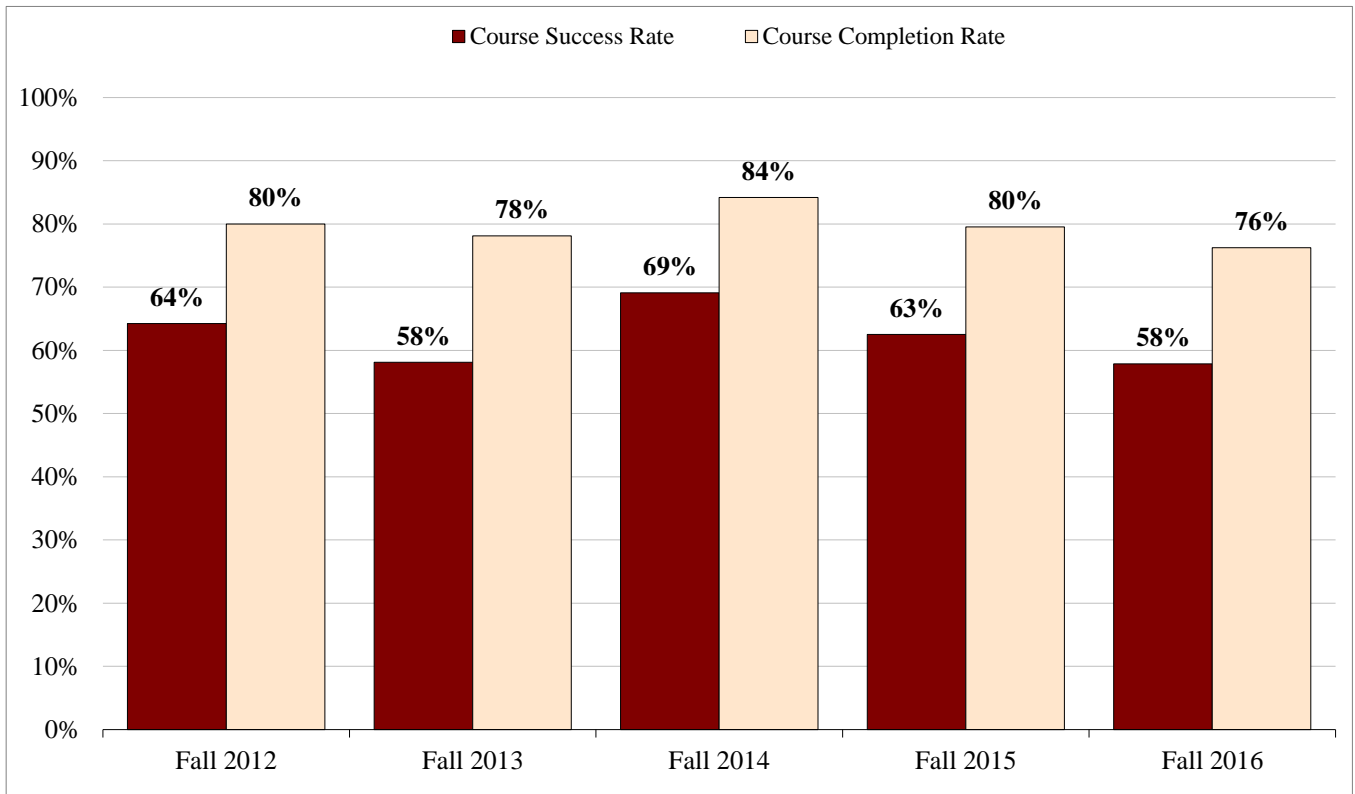
Computer Science ( CS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
High School/Adult School	3	0	2	3	7
Freshmen (<30 units)	55	85	108	155	155
Sophomore (30-59 units)	49	46	69	85	94
Other Undergraduate (60 units or more)	26	36	35	49	60
AA/AS Degree	3	3	0	6	7
BA/BS or Higher Degree	11	19	17	23	32
% High School/Adult School	2%	0%	1%	1%	2%
% Freshmen (<30 units)	37%	45%	47%	48%	44%
% Sophomore (30-59 units)	33%	24%	30%	26%	26%
% Other Undergraduate (60 units or more)	18%	19%	15%	15%	17%
% AA/AS Degree	2%	2%	0%	2%	2%
% BA/BS or Higher Degree	7%	10%	7%	7%	9%





## Student Performance

Computer Science ( CS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
Course Success Rate	64%	58%	69%	63%	58%
Course Completion Rate	80%	78%	84%	80%	76%



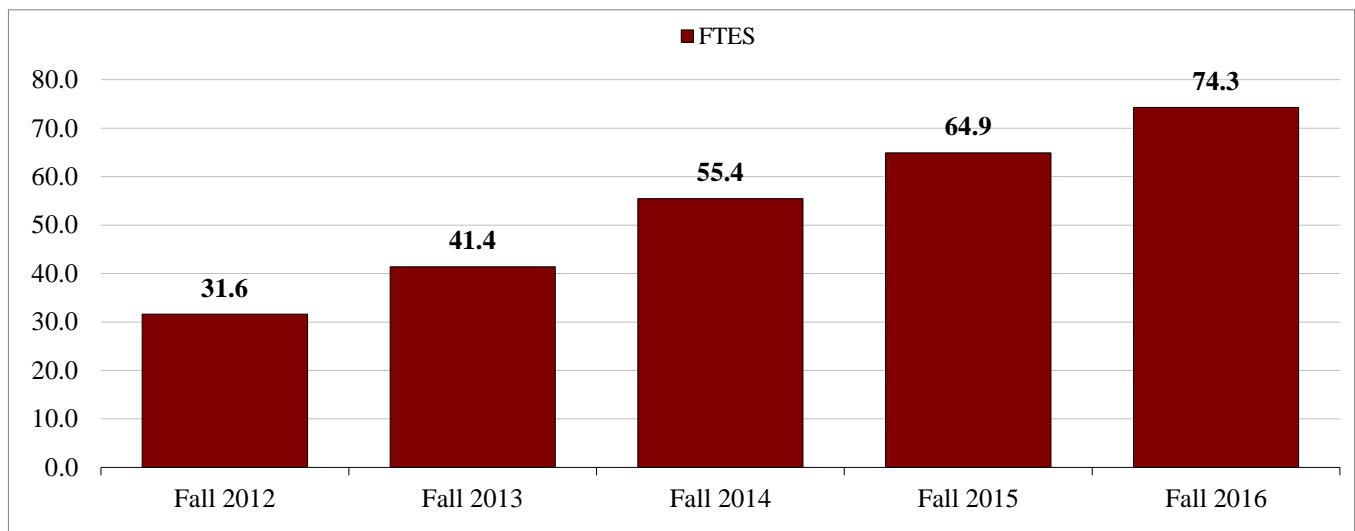
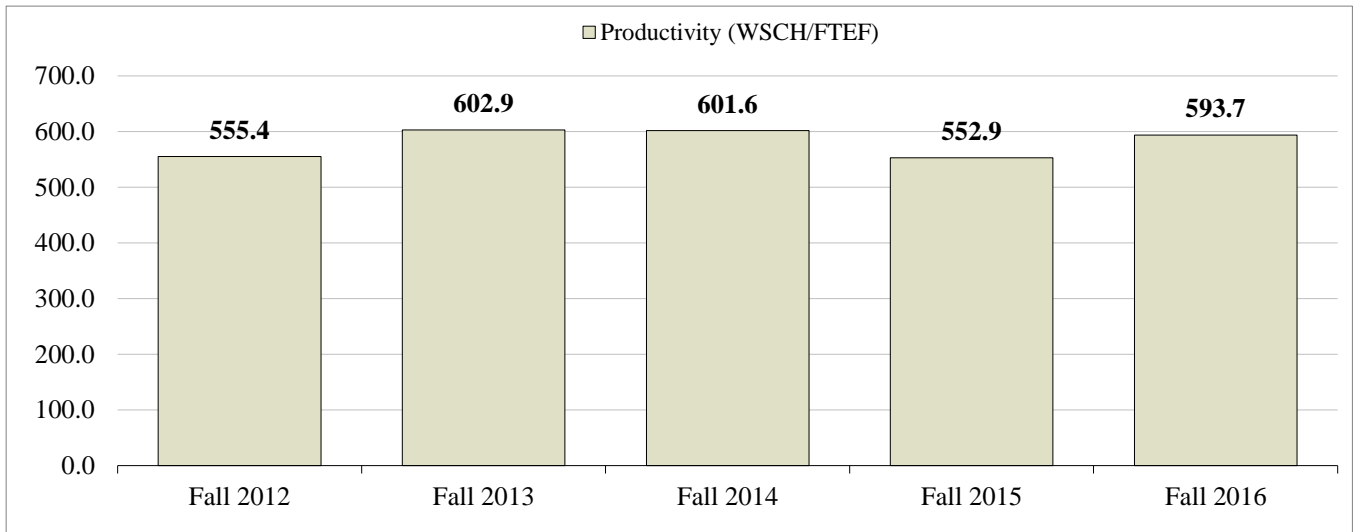
**Definitions:**

**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				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
WSCH	972	1,266	1,703	2,008	2,364
FTES	31.6	41.4	55.4	64.9	74.3
FTEF	1.8	2.1	2.8	3.6	4.0
Productivity (WSCH/FTEF)	555.4	602.9	601.6	552.9	593.7



**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.

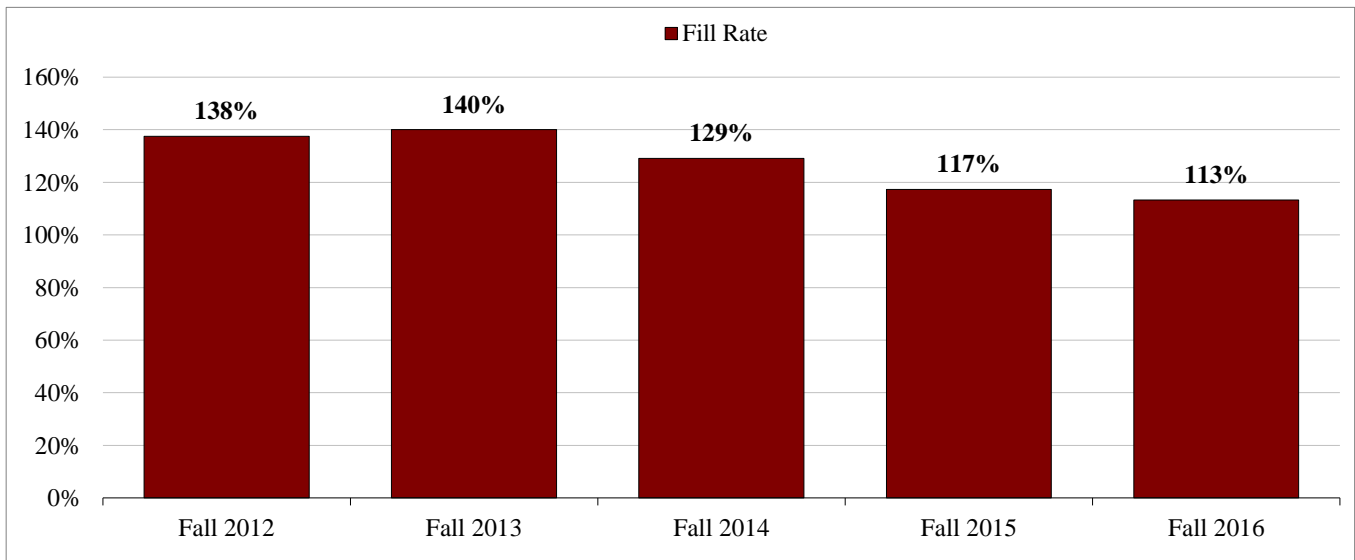
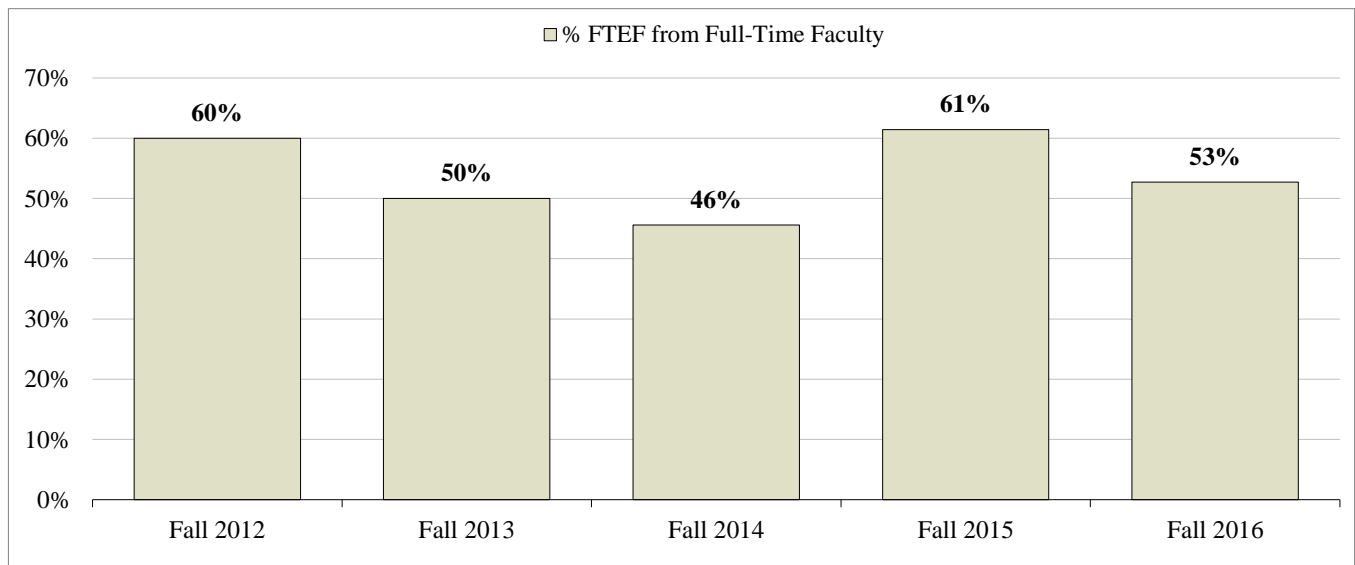
**FTEF** is the Full Time Equivalent Faculty associated with the discipline's course offerings for that semester.

**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

Computer Science ( CS )					
	Term				
	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
FTEF from Full-Time Faculty	1.1	1.1	1.3	2.2	2.1
% FTEF from Full-Time Faculty	60%	50%	46%	61%	53%
Enrollments	165	210	271	352	408
Capacity (seats available)	120	150	210	300	360
Fill Rate	138%	140%	129%	117%	113%



**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.