

El Camino College Degree and Certificate Report: 2017-18 Academic Year Summer 2017 – Spring 2018



Executive Summary

The Degree and Certificate Report provides an overview of program award trends at El Camino College. Program awards include associate degrees (arts, science, or transfer) and certificate awards (achievements or accomplishments). In the past five years, El Camino College awarded 15,328 total degrees and certificates, 10,273 individual students obtained a degree and/or certificate, 9,042 individual students obtained at least one degree, and 2,159 individual students obtained at least one certificate.

El Camino College exceeded the aspirational goal for earned associate degrees and the institutional standard for earned certificates. The aspirational goal of awarding 2,231 total associate degrees was exceeded for the third consecutive year. Additionally, the institutional standard of awarding 435 certificates was also exceeded for the third consecutive year. The five-year trend of degrees and certificates disaggregated by academic division can be found in [Appendix A](#).

El Camino College has achieved increases in the number of associate degrees earned over the past five years. In particular, the number of associate degrees for transfer in arts and associate degrees for transfer in science have substantially increased. Associate degrees for transfer represented 6% of associate degrees awarded during the 2013-14 academic year. After five years, associate degrees for transfer represent 27% of associate degrees awarded during the 2017-18 academic year.

El Camino College conferred the largest number of program awards during the 2017-18 academic year. Associate degree totals for 2017-18 were as follows: 2,336 students completed an associate degree and 3,316 total associate degrees were awarded (732 students earned more than one associate degree). Additionally, certificate totals for 2017-18 were as follows: 610 students completed a certificate of achievement and 722 total certificates of achievement were awarded (72 students earned more than one certificate).

Introduction

The Degree and Certificate Report provides an overview of program awards earned at El Camino College over the past five years. The report provides data degree programs which include Associate of Arts (AA), Associate of Science (AS), Associate of Arts for Transfer (AA-T), and Associate of Science for Transfer (AS-T). The report also provides data on certificate awards which include Achievements and Accomplishments.

Additionally, several tables on program award achievements disaggregated by population demographics are appended to the end of the report. Population demographics include ethnicity, age and gender during the 2017-18 academic year. [Appendix A](#) provides tables on the five-year trend of academic degrees awarded by division.

The Degree and Certificate Report also provides earned degree and certificate counts for key program initiatives over the past five years. Program initiatives include Career Technical Education (CTE); Science, Technology, Engineering and Mathematics (STEM); and Science, Engineering and Mathematics (SEM). Data on key program initiatives can be found in [Attachment 1](#).

Purpose

The Degree and Certificate Report provides a detailed overview of student program outcome trends for El Camino College. Academic and other administrators can utilize the report to review program award trends. The report also provides academic administrators with a resource for tracking program outcomes in relation to institutional trends.

Methodology

The Degree and Certificate Report collected data on the total number of program awards (degrees and certificates) confirmed from the 2013-14 academic year to the 2017-18 academic year (date range of 7/1/2013 – 6/30/2018). Each table presents data on the number of awards achieved in a given academic year. Disaggregated population tables take into consideration the program award obtained during an academic year. There are instances when students earn multiple program awards in one academic year. These students are counted once per program award earned in academic year. Additionally, El Camino College updated the institutional database in 2018 to ensure that all Chancellor's approved awards were coded correctly.

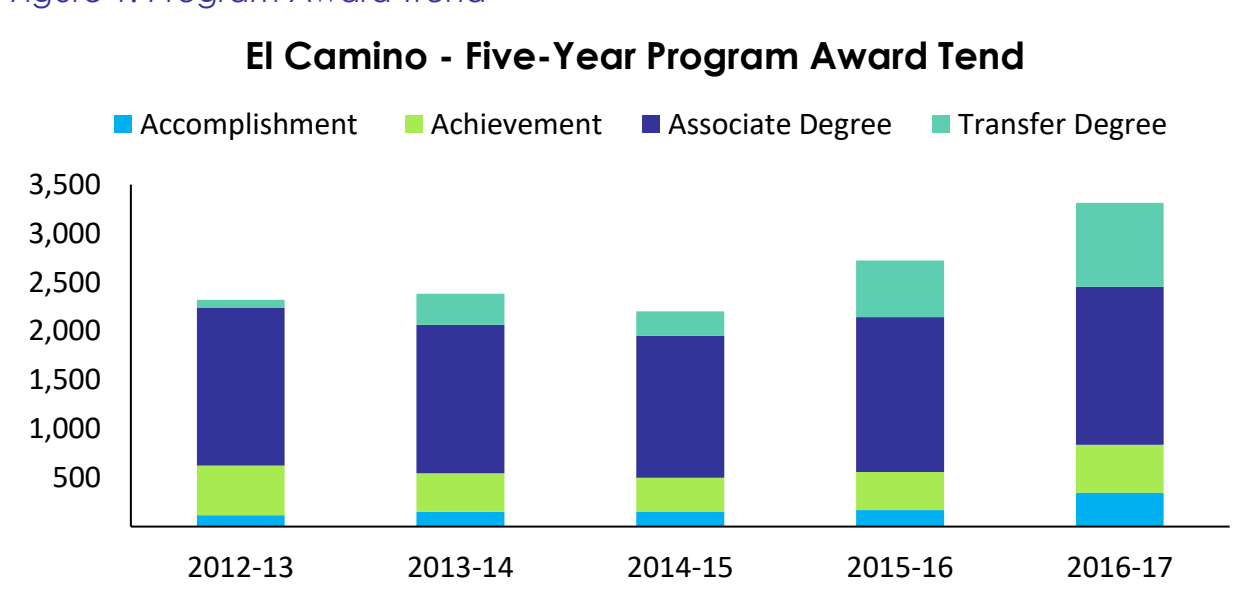
Analysis

Analysis of degrees and certificates awarded for the past five years identifies several positive trends. El Camino College awarded 15,328 total degrees and certificates over the past five years. Additionally, 10,273 individual students obtained a degree and/or certificate over the past five years. Furthermore, 9,042 individual students obtained a degree and 2,159 obtained a certificate. Lastly 988 individual students earned both types of program awards.

Degree and Certificate Overview

The degree and certificate overview provides a condensed look at the overall program award trends for El Camino College. Degrees reached a five-year high the 2017-18 academic year. Certificates have experienced positive trend over the last two academic years. This trend is visualized in Figure 1.

Figure 1. Program Award Trend



Source: El Camino College Institutional Dataset

The following tables and figures provide degree and certificate trends separated by the type of program award. Associate degree numbers are disaggregated by Associate Degree for Transfer, Associate of Arts, and Associate of Science. Certificate numbers are disaggregated by Achievements and Accomplishment (when possible).

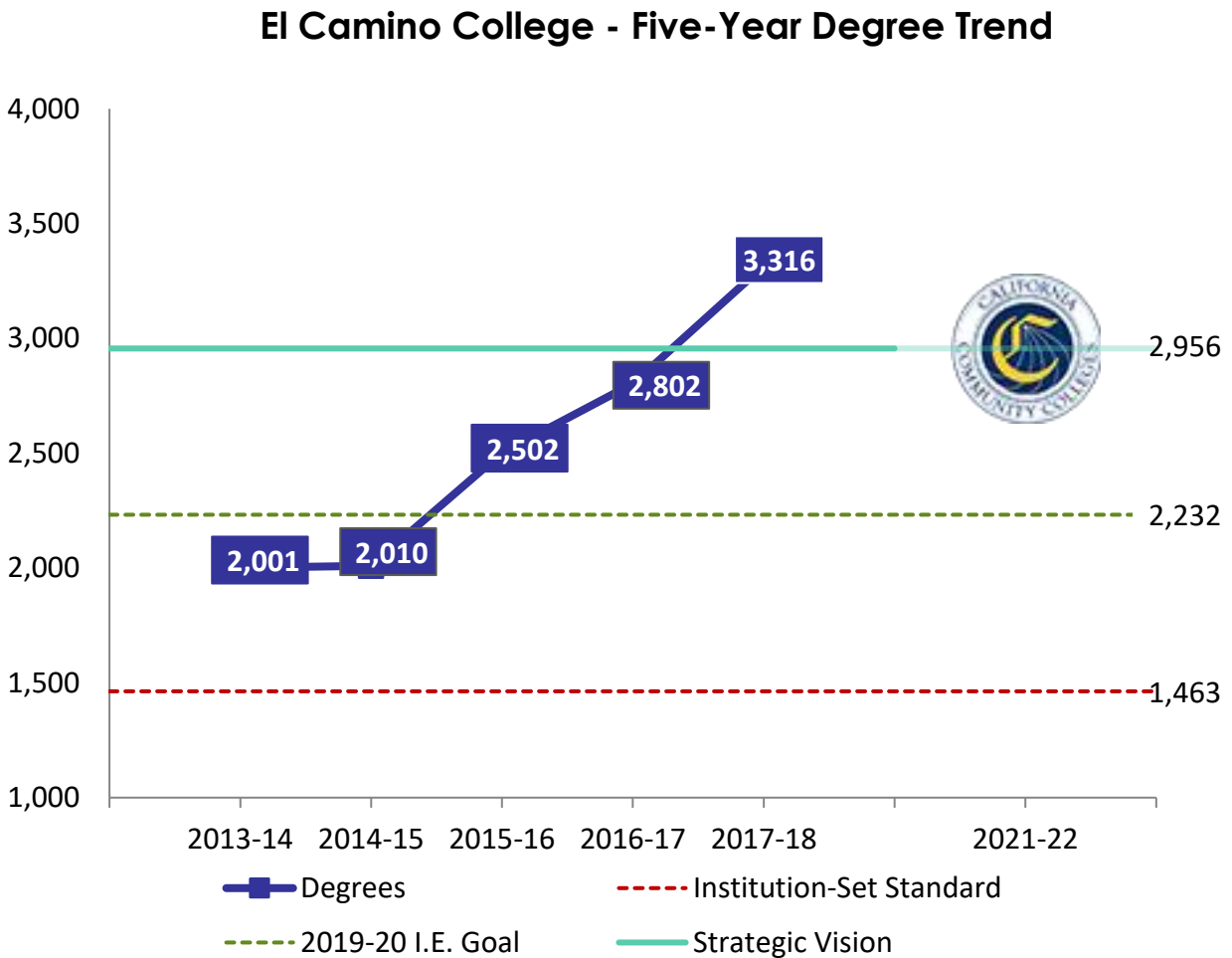
Table 1. Program Award Counts

	2013-14	2014-15	2015-16	2016-17	2017-18
Degrees	2,001	2,010	2,502	2,802	3,316
Certificates	637	565	646	907	954
Total	2,638	2,575	3,148	3,709	4,270

Source: El Camino College Institutional Dataset
 Certificate counts in this table include Accomplishment awards

Table 1 provides the overall trend of program awards (degrees and certificates) awarded by El Camino College from 2013-14 through 2017-18. The overall number of degrees and certificates awarded in 2017-18 increased by 1,632 (61%) when compared to the 2013-14 academic year. Additionally, 2017-18 continued the increasing trend of program awards conferred in an academic year. Increases in the number of degrees awarded (514) were primarily responsible for the overall increase in program awards. Additional population disaggregation of program awards by division [Appendix A](#).

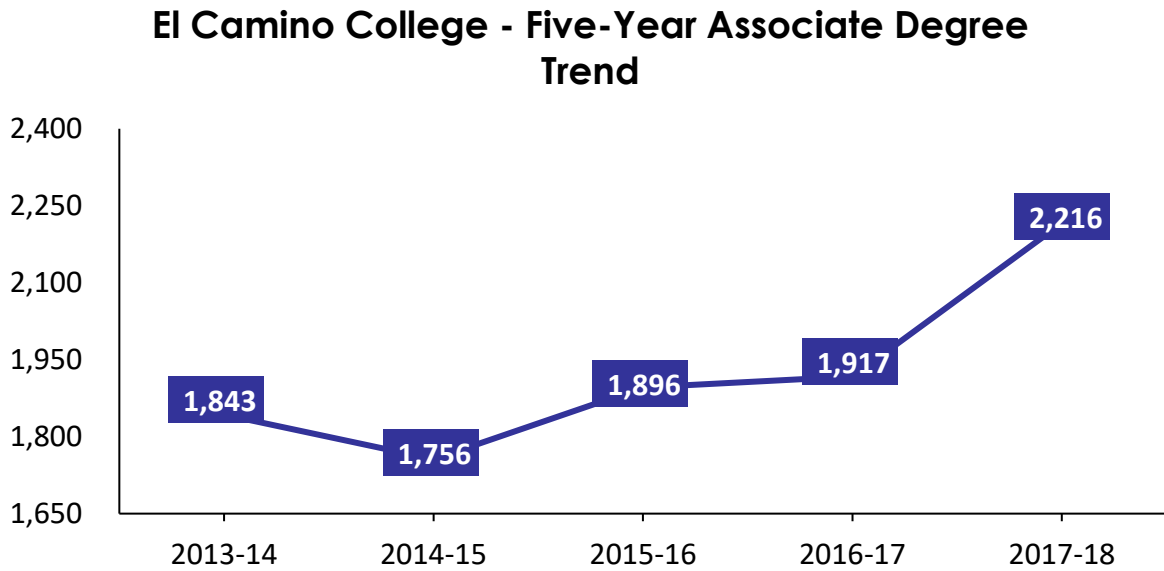
Figure 2. Associate Degree Goals



Source: El Camino College Institutional Dataset

Figure 2 shows the El Camino College five-year degree trend in relation to institution (I.E.) and Chancellor Office goals. Since 2015-16, El Camino College achieved and surpassed its I.E. goal. Additionally, El Camino College surpassed the Chancellor Strategic Vision goal in 2017-18 (two years early).

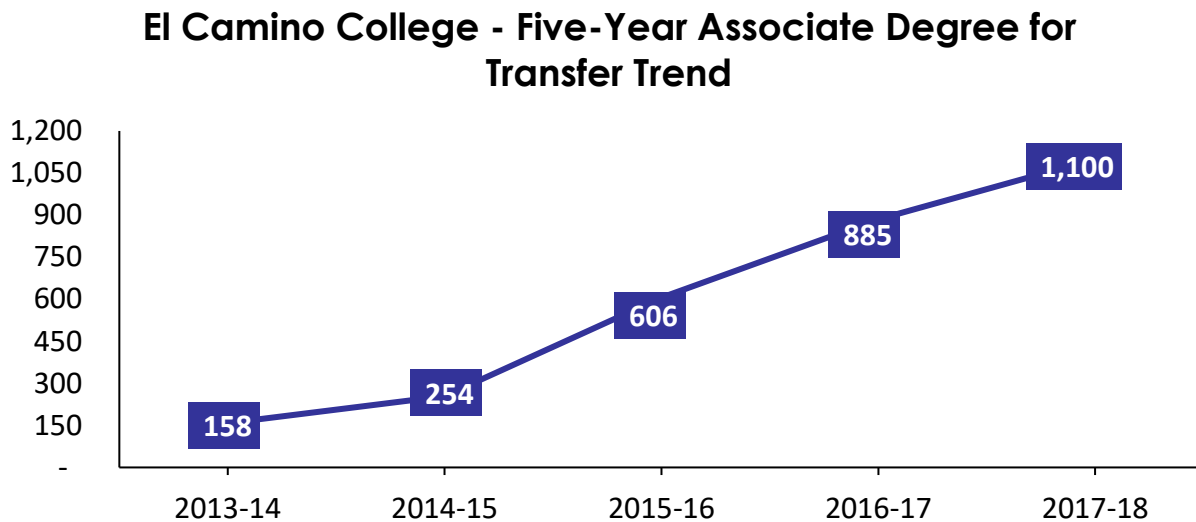
Figure 3. Associate Degree Trend



Source: El Camino College Institutional Dataset

Figure 3 provides the five-year trend for associate degrees conferred. The trend includes Associate of Arts and Associate of Science program awards. Conferred associate degrees increased by 299 awards in the 2017-18 academic year. The 2017-18 rise in associate degrees conferred far outpaced previous annual increases.

Figure 4. Associate Degree for Transfer Trend



Source: El Camino College Institutional Dataset

Figure 4 provides the five-year trend for the number of associate degrees for transfers conferred. The trend includes Associate of Arts for Transfer and Associate of Science for Transfer. Conferred associate degrees for transfer increased by 215 awards in the 2017-18 academic year. The 2017-18 rise in associate degrees conferred represents the smallest increase since the 2014-15 academic year.

Degrees by Type

El Camino College currently offers associate degrees in the areas of arts and sciences. Both degree types have the additional category of offering transfer degrees. Associate of Arts degrees are referenced as follows: Associate of Arts (AA) and Associate of Arts for Transfer (AA-T). Science associate degrees are referenced as follows: Associate of Science (AS) and Associate of Science for Transfer (AS-T).

Table 2. Associate Degree Counts

Degree Type	2013-14	2014-15	2015-16	2016-17	2017-18
AA	1,061	1,056	1,210	1,289	1,447
AA-T	130	217	414	521	625
AS	781	702	688	627	766
AS-T	26	37	193	365	472
Total	1,998	2,012	2,505	2,802	3,310

Source: El Camino College Institutional Dataset

Table 2 provides the numerical five-year trend of each associate degree type awarded by El Camino College. AA awards had three consecutive years of an increase from 2015-18 (an overall increase of 19%). Additionally, the number of associate of art degrees conferred increased by 158 in the 2017-18 academic year.

Associate of Sciences degree conferrals rebounded from three consecutive years of decline. This downward trend spanned from 2014-15 to 2016-17. The number of associate of science degrees conferred increased by 139 in the 2017-18 academic year. Table 2 also shows that the largest number of AS degrees awarded over the past five years occurred during 2013-14.

Transfer degrees experienced five consecutive years of growth. AA-T awards increased from 130 awards conferred in 2013-14 to 625 awards conferred in 2017-18. AS-T awards increased from 26 awards conferred in 2013-14 to 472 awards in 2017-18. Increases in transfer degrees strongly supported the overall increase in degrees awarded over the past five years.

Table 3. Associate Degree Percentages

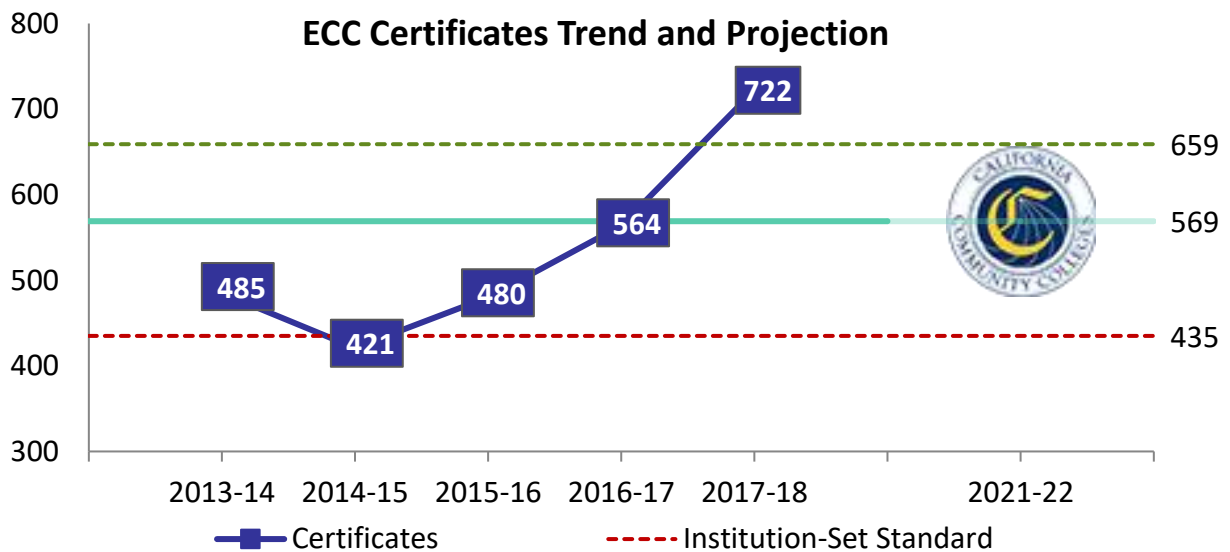
Degree Type	2013-14	2014-15	2015-16	2016-17	2017-18
AA	53%	52%	48%	46%	44%
AA-T	7%	11%	17%	19%	19%
AS	39%	35%	27%	22%	23%
AS-T	1%	2%	8%	13%	14%
Total	1,998	2,012	2,505	2,802	3,310

Source: El Camino College Institutional Dataset

Table 3 provides the percentage trends of associate degree awards over the past five years. The table shows that AA-Ts and AS-Ts represented less than 9% of associate degrees conferred during 2013-14. AA and AS degrees represented 92% of the degrees awarded during 2013-14. Transfer degrees represented 33% of associate degrees conferred during 2017-18. The combination of AA and AS degrees represented 67% of degrees conferred during 2016-2017.

Data presented in Table 2 and Table 3 shows that associate degree conferrals increased over the past five years. El Camino College had an overall increase in associate degrees award by 1,312 (66%) when comparing 2012-13 with the 2017-18. The overall increases in degrees awarded was supported by rebound in AA, AS degrees and increases in transfer degrees (AA-Ts and AS-Ts). Additional population disaggregation of associate degrees by division are found in [Appendix A](#).

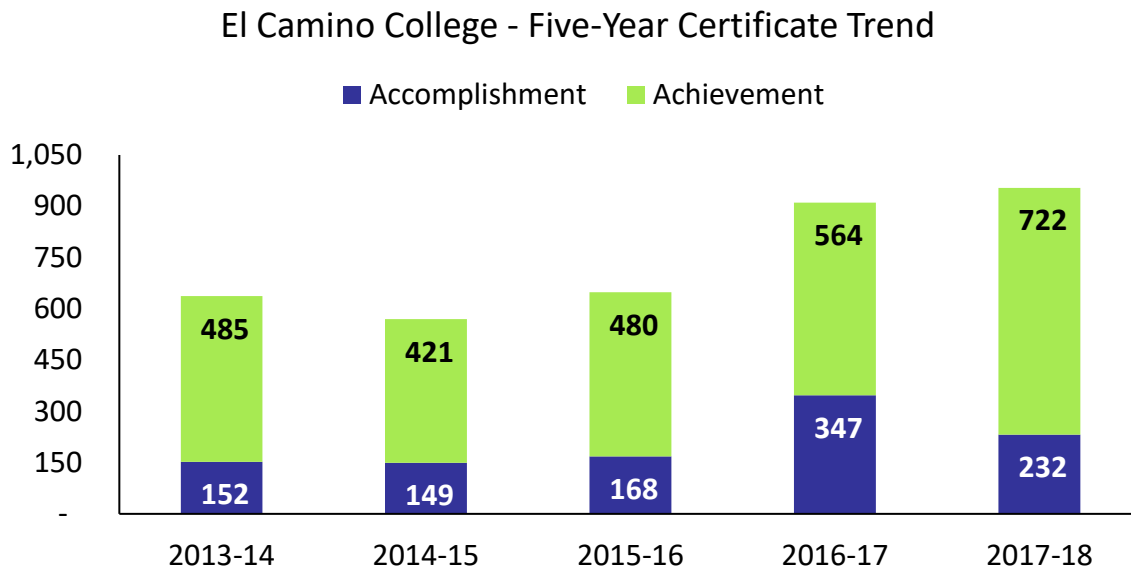
Figure 5. Certificate Goals



Source: El Camino College Institutional Dataset

Figure 5 shows the El Camino College five-year certificate trend in relation to institution (I.E.) and Chancellor Office goals. El Camino College achieved and surpassed its I.E. goal in 2017-18. Additionally, El Camino College also surpassed the Chancellor Strategic Vision goal in 2017-18 (two years early).

Figure 6. Certificate Trends



Source: El Camino College Institutional Dataset

The conferral of certificates awarded at El Camino College has increased for three consecutive years (Figure 6). Increases in 2016-17 were supported by Accomplishment certificates. Increases in 2017-18 were supported by Achievement certificates.

Table 4. Certificate Counts

Certificate Type	2013-14	2014-15	2015-16	2016-17	2017-18
Accomplishment	152	149	168	347	232
Achievement	485	416	478	560	722

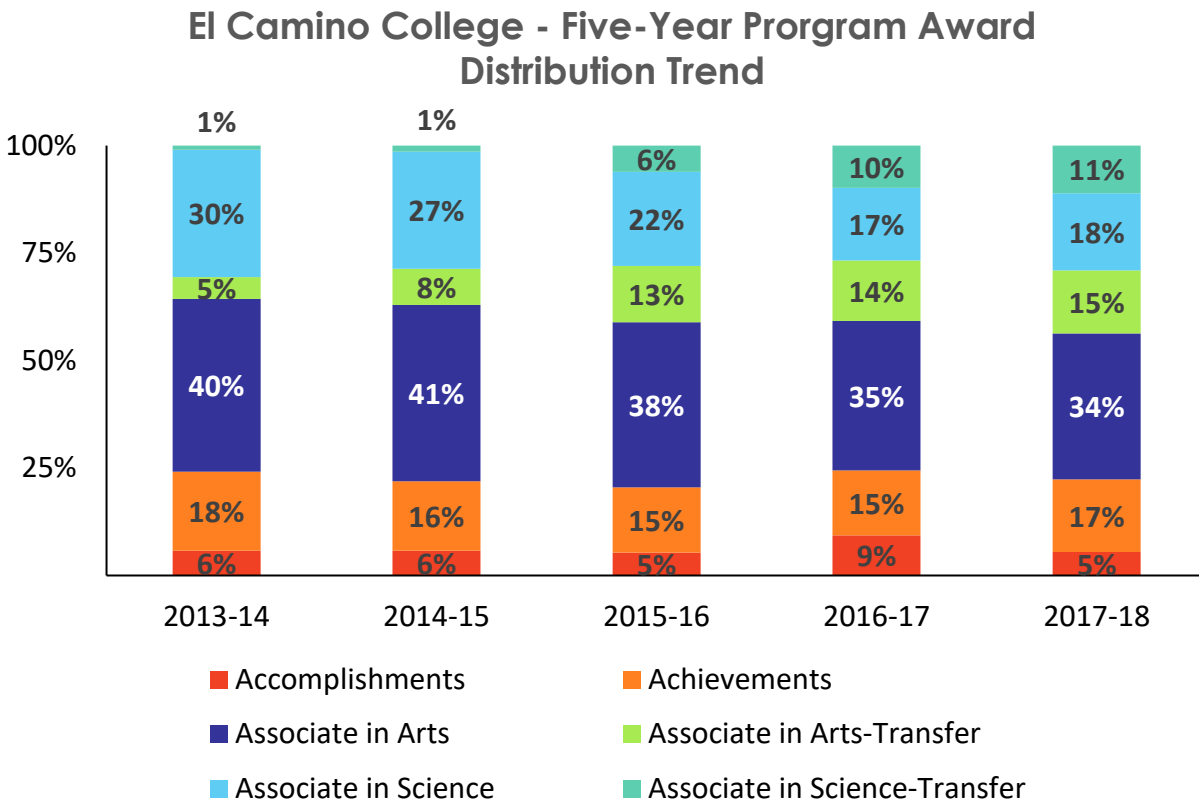
Source: El Camino College Institutional Dataset

Table 4 provides additional insight into certificate award trends over the past five academic years. Certificates are disaggregated into Achievements and Accomplishments. Achievement certificate awards experienced a three consecutive years of increases in conferrals. The 2017-18 academic had the largest single increase over the past five years (162). Accomplishment certificates conferred in 2017-18 decreased from 2016-17 (-115). However, Accomplishment certificates in 2017-18 still represent the second largest total over the past five academic years. The overall certificate trend shows positive increases in award conferred.

Conclusion

El Camino College experienced positive trends in degree and certificate conferrals over the past five years. The distribution of program awards is provided in Figure 7.

Figure 7. Earned Program Award Percentage Distribution



Source: El Camino College Institutional Dataset

Associate Degrees for Transfer have driven the increase in overall number of associate degrees conferred. Increases in the percentage of transfer degrees earned coincide with decreases in the percentage of non-transfer degrees earned (e.g. associate of arts and associate of science). The increasing trend for transfer degrees shows that more El Camino College students are valuing AD-Ts as an education outcome.

2017-18 Population Disaggregation

The population disaggregation section provides disaggregated percentages for degrees and certificates earned in the 2017-18 academic year. Population disaggregation includes tables on ethnicity, age cohorts, as well as gender.

Table 5. Overall Degree and Certificates by Ethnicity (2017-18)

Ethnicity	Associate Degree	Certificate	Fall 2014 Enrollment
African American	10%	8%	16%
American Indian/Alaskan Native	<1%	<1%	<1%
Asian	20%	11%	12%
Latino	50%	53%	49%
Pacific Islander	<1%	1%	4%
Two or More Races	5%	4%	4%
Unknown or Decline	1%	1%	<1%
White	14%	22%	14%

Source: El Camino College Institutional Dataset

Table 5 provides the percentage of overall degrees and certificates earned in 2017-18 by ethnicity.

Table 6. Overall Degree and Certificates by Age (2017-18)

Age Group	Associate Degree	Certificate	Fall 2014 Enrollment
Under 18	7%	3%	30%
18 to 24	75%	50%	40%
25 to 29	9%	18%	13%
30 to 39	6%	17%	9%
40 to 49	2%	7%	4%
50+	1%	6%	4%

Source: El Camino College Institutional Dataset

Table 6 provides the percentage of program awards earned by age cohort.

Table 7. Overall Degrees and Certificates by Gender (2017-18)

Gender	Associate Degree	Certificate	Fall 2014 Enrollment
Female	57%	38%	52%
Male	43%	62%	48%

Source: El Camino College Institutional Dataset

Table 7 provides the percentage of program awards earned by gender.

Table 8. Degrees and Certificates Types by Ethnicity (2017-18)

Ethnicity	AA	AA-T	AS	AS-T	Achievement
African American	11%	10%	8%	7%	8%
American Indian/Alaskan Native	<1%	<1%	<1%	<1%	<1%
Asian	18%	13%	27%	23%	11%
Latino	50%	55%	44%	52%	53%
Pacific Islander	<1%	<1%	<1%	1%	1%
Two or More Races	6%	6%	4%	4%	4%
Unknown or Decline	1%	<1%	1%	<1%	1%
White	13%	14%	16%	14%	22%

Source: El Camino College Institutional Dataset

** Percentages suppressed

Table 8 provides the percentage of 2017-2018 program awards completed by award type of ethnicity.

Table 9. Degree and Certificate Types by Age Group (2017-18)

Age Group	AA	AA-T	AS	AS-T	Achievement
Under 18	6%	7%	8%	6%	3%
18 to 24	76%	81%	67%	77%	50%
25 to 29	8%	7%	12%	9%	18%
30 to 39	6%	4%	10%	5%	17%
40 to 49	3%	1%	2%	2%	7%
50+	1%	<1%	1%	1%	6%

Source: El Camino College Institutional Dataset

** Percentage suppressed

Table 9 provides the percentage of program awards earned by program type and age cohort.

Table 10. Degree and Certificate Types by Gender (2017-18)

Gender	AA	AA-T	AS	AS-T	Achievement
Female	64%	62%	46%	47%	38%
Male	36%	38%	54%	53%	62%

Source: El Camino College Institutional Dataset

Table 10 provides the percentage of program awards earned by program type and gender.

APPENDIX A:

Degree and Certificate Tables by Division

Table 11. Behavioral and Social Science Division Award Trend

BEHAVIORAL AND SOCIAL SCIENCES	2013-14	2014-15	2015-16	2016-17	2017-18
Achievement					
Transfer Studies-CSU Breadth	19	17	23	41	42
Early Childhood Education	77	68	76	96	82
Transfer Studies - IGETC	9	14	22	14	27
Special Education Assistant	3	8	8	3	10
Early Intervention Assistant	3	8	5	3	8
Achievement Total	111	115	134	157	169
Associate Degree					
AS Transfer Studies-CSU	1				
Childhood Education	3	1	4	1	2
Economics	25	31	14	10	18
Psychology	4	4	1		
History	7	7	2	6	4
Liberal Studies	4		2		1
Political Science	8	7	2	2	2
Anthropology	8	5	2	3	2
<i>Childhood Education</i>	42	40	32	36	33
General Science	54	49	51	46	66
General Studies	13	3	7	1	
General Studies-Arts & Humanities	217	219	244	284	285
General Studies-Fine & Applied Arts	21	15	27	21	25
General Studies-Culture & Communication	29				
General Studies-Social & Behavioral Sciences	292	327	454	506	560
General Studies-Kinesiology & Wellness	22	26	21	17	37
General Studies-Biological & Physical Sciences	134	135	175	219	269
General Studies-Communication Studies	1				
Sociology	9	5		1	
Philosophy	1	1	3	1	1
Ethnic Studies-African American Studies			1		
Ethnic Studies-American Cultures				1	1
Ethnic Studies-Chicano Studies					1
Anthropology		1	2		
Liberal Studies Teacher Preparation	18	16	21	14	19
Associate Degree Total	913	892	1,065	1,169	1,326

Associate Degree for Transfer					
History for Transfer	6	16	22	26	41
Psychology for Transfer	36	62	115	130	151
Sociology for Transfer	53	57	97	122	127
Anthropology for Transfer		1	5	14	15
Early Childhood Education for Transfer		3	10	31	40
Political Science for Transfer		12	16	36	25
Economics for Transfer			16	18	14
Elementary Teacher Education for Transfer			6	10	11
Philosophy for Transfer			3	2	5
Associate Degree for Transfer Total	95	151	290	389	429
Overall Total	1,119	1,158	1,489	1,715	1,924

Table 12. Business Division Award Trend

BUSINESS	2013-14	2014-15	2015-16	2016-17	2017-18
Achievement					
Business Management	13	11	15	6	11
Paralegal Studies	23	21	11	7	20
Marketing	9	5	7	8	2
Real Estate	4	2	2	2	3
Accounting	2	15	4	4	2
Office Applications Specialist	1		2		
Mortgage Loan Brokerage	2				
Microcomputer Support & Network Management	2				
Computer Systems Applications			3	2	2
Computer Support and Network Management			1		
Bookkeeping Clerk	4	1	1		
Retail Management	1				
Business Programming					3
Achievement Total	61	55	46	29	43
Associate Degree					
Real Estate-Real Estate Option		2			
Business Management	31	22	33	11	12
Paralegal Studies	13	19	10	8	15
Marketing	15	10	9	10	12
Real Estate	3	4	7	7	5
Accounting	17	12	14	11	6
Business Administration	170	159	103	45	29
Office Administration-Office Systems Option	2		2		
Office Administration-Management Option	3				1
Computer Information Systems	13	13	19	14	16
Real Estate-Mortgage Brokerage	1	2			
Associate Degree Total	268	243	197	106	96
Associate Degree for Transfer					
Business Administration for Transfer			105	237	282
Associate Degree for Transfer Total			105	237	282
Overall Total	329	298	350	372	421

Table 13. Fine Arts Division Award Trend

FINE ARTS	2013-14	2014-15	2015-16	2016-17	2017-18
Achievement					
Art-Digital Arts-Certificate of Achievement					1
Art-Digital Arts-Graphic Design	2				
Art-Gallery Management	1		1		2
Art-Jewelry Design & Fabrication	1	1	8	1	4
Film/Video Production	1	1	2	4	3
Commercial Music	1	1	2	1	
Photography	2	2	6	3	3
Art-Digital Arts-Web Design		1	1		
Art-Digital Arts-Visual Communications		1	3	2	2
Art-Digital Arts-Computer Animation			1		
Entertainment Lighting Technology		5			
Achievement Total	8	12	24	11	15
Associate Degree					
Photography	3	6	4	4	7
Art-Studio Art	42	19	19	15	22
Music	5	8	6	4	9
Art-Art History	5			1	1
Film/Video	10	10	12	15	18
General Studies-Culture & Communication	19	56	55	45	55
General Studies-Communication Studies		1	3	1	
Theatre		4	1		9
Dance			1		1
Associate Degree Total	84	104	101	85	122
Associate Degree for Transfer					
Art-Studio Art for Transfer		2	18	24	37
Communication Studies for Transfer	30	40	65	72	94
Theatre for Transfer		1	2	5	5
Art-Art History for Transfer			5	4	5
Associate Degree for Transfer Total	30	43	90	105	141
Overall Total	122	159	215	201	278

Table 14. Health Science & Athletics Division Award Trend

HEALTH SCIENCES & ATHLETICS	2013-14	2014-15	2015-16	2016-17	2017-18
Achievement					
Sign Language/Interpreter Training	12	23	8	17	10
Respiratory Care	17	17	10	15	16
Achievement Total	29	40	18	32	26
Associate Degree					
Laboratory Technician (Medical)	1				
Radiologic Technology	20	18	19	16	20
Sign Language/Interpreter Training	10	18	11	13	10
Respiratory Care	17	17	10	16	15
Physical Education	5	3	5	4	4
Nursing	102	95	84	71	77
Recreation		1	2	1	
Pre-Nursing	29	21	22	46	74
Associate Degree Total	184	173	153	167	200
Associate Degree for Transfer					
Kinesiology for Transfer		1	9	16	30
Associate Degree for Transfer Total		1	9	16	30
Overall Total	213	214	180	215	256

Table 15. Humanities Division Award Trend

HUMANITIES	2013-14	2014-15	2015-16	2016-17	2017-18
Achievement					
Journalism	3	1	1		1
Achievement Total	3	1	1		1
Associate Degree					
Journalism	2	2		2	1
English	38	22	12	10	10
Japanese	6	9	9	7	7
Spanish	6	4	4	6	8
French	7	6	14	9	3
	59	43	39	34	29
Associate Degree for Transfer					
English for Transfer	7	24	29	28	45
Journalism for Transfer			2	5	5
Spanish for Transfer			1	1	5
Associate Degree for Transfer Total	7	24	32	34	55
Overall Total	69	68	72	68	85

Table 16. Mathematical Sciences Division Award Trend

MATHEMATICAL SCIENCES	2013-14	2014-15	2015-16	2016-17	2017-18
Achievement					
Computer Science	2	1	2	19	20
Achievement Total	2	1	2	19	20
Associate Degree					
Mathematics	36	47	47	57	78
Mathematics-General			1		
Computer Science	9	8	14	8	6
Pre-Engineering	28	19	27	27	35
Associate Degree Total	73	74	89	92	119
Associate Degree for Transfer					
Mathematics for Transfer	13	7	9	20	32
Associate Degree for Transfer Total	13	7	9	20	32
Overall Total	88	82	100	131	171

Table 17. Natural Sciences Division Award Trend

NATURAL SCIENCES	2013-14	2014-15	2015-16	2016-17	2017-18
Achievement					
Environmental Horticulture	1	3	8	4	
Achievement Total	1	3	8	4	
Associate Degree					
Environmental Horticulture	4	4	1	5	
Biology	27	23	20	15	32
Chemistry	14	13	17	12	31
Physics	20	18	19	21	26
Astronomy				3	1
Geography	1		1		1
Physical Science	57	42	57	59	84
Associate Degree Total	123	100	115	115	175
Associate Degree for Transfer					
Physics for Transfer	5	2	13	10	20
Geology for Transfer		2	4		1
Geography for Transfer		1	3	5	9
Associate Degree for Transfer Total	5	5	20	15	30
Overall Total	129	108	143	134	205

Table 18. Industry and Technology Division Award Trend

Industry and Technology	2013-14	2014-15	2015-16	2016-17	2017-18
Achievement					
Administration of Justice	15	10	6	6	12
AC&R-Air Conditioning	11	17	22	14	28
Architecture	8	8	6	6	19
Automotive Collision Repair/Painting I	9	8	14	4	5
Auto Brakes/Suspension Trans/Drive Train Tech	14	8	7	7	29
Automotive Tune-Up Technician	18	10	14	29	39
Automotive Engine Rebuilding/Repair Tech.	2		1	5	2
Automotive Technician I	9	5	9	8	17
Cosmetology Level III	37	36	3		
Fashion Stylist	2	1		2	1
Paramedical Technician	28	1	2	66	86
CNC Machine Operator	15	4	12	19	5
Construction Technology	5	5	12	3	6
Computer Hardware Electronics Technician	4	2	4	4	5
Fashion Design and Production	1			1	1
Fire & Emergency Technology	6	8	6	15	16
Computer Aided Design/Drafting	5	6	6	5	5
Welding	6	4	4	9	15
Automotive Technician II	2		4	1	3
Manufacturing Technology	1			1	1
Fashion Merchandising	1		2	2	
Electronics Engineering Technician	1	2	2	3	6
Fire Academy	1	1	3	4	19
Numerical Control Programmer	11	1	11	7	7
Machinist	10	1	14	9	6
Industrial Computer Control Technician		1	1		1
Forensics		3		2	6
Costume Technician	2				
Computer Pattern Making Technician	2	1		1	1
Cabinet & Fine Woodworking	1	2	4	1	
AC&R Refrigeration	12	15	13	13	27
AC&R HVAC & Refrigeration	20	15	14	14	16
Engineering Technician					2
AC&R Electric Controls	11	14	10	10	21
Automotive Collision Repair/Painting II					2
Cosmetology Level II			39	37	39
Achievement Total	270	189	245	308	448

Associate Degree					
Administration of Justice	34	23	17	12	10
Cosmetology-Day Program		1			
Automotive Collision Repair/Painting	2	2	4	2	2
Architecture	10	12	12	13	16
Construction Technology	5	4	6	5	1
Fashion Design and Production	8		2	6	1
Computer Aided Design/Drafting	3	10	8	6	10
Welding	2	3	4	7	10
Manufacturing Technology			1	2	2
Fashion Merchandising	4	2	7	3	1
Cabinet & Fine Woodworking				2	
Automotive Technology	8	4	11	9	8
Air Conditioning & Refrigeration	4	4	7	4	12
Fire & Emergency Tech.	28	33	23	33	28
Electronics & Computer Hardware Tech- Electronics Tech	7	5	2	7	4
Fire & Emergency Tech.-Paramedical Tech.	3	3	4	5	3
Cosmetology	4	8	2	3	10
Electronics & Computer Hardware Tech- Computer Tech	4	4	2	4	4
Welding Evening Program	1				
Numerical Control Programming	6	3	7	2	7
Engineering Technology-Engineering Technician				2	2
Engineering Technology-Engineering Technology				1	1
Machinist	4	3	8	2	7
Associate Degree Total	137	124	127	130	139
Associate Degree for Transfer					
Administration of Justice for Transfer	9	24	52	71	98
Associate Degree for Transfer Total	9	24	52	71	98
Overall Total	416	337	424	509	685

Appendix B:

Supplemental Population Outcomes

Figure 8. Supplemental Populations Award Percentage

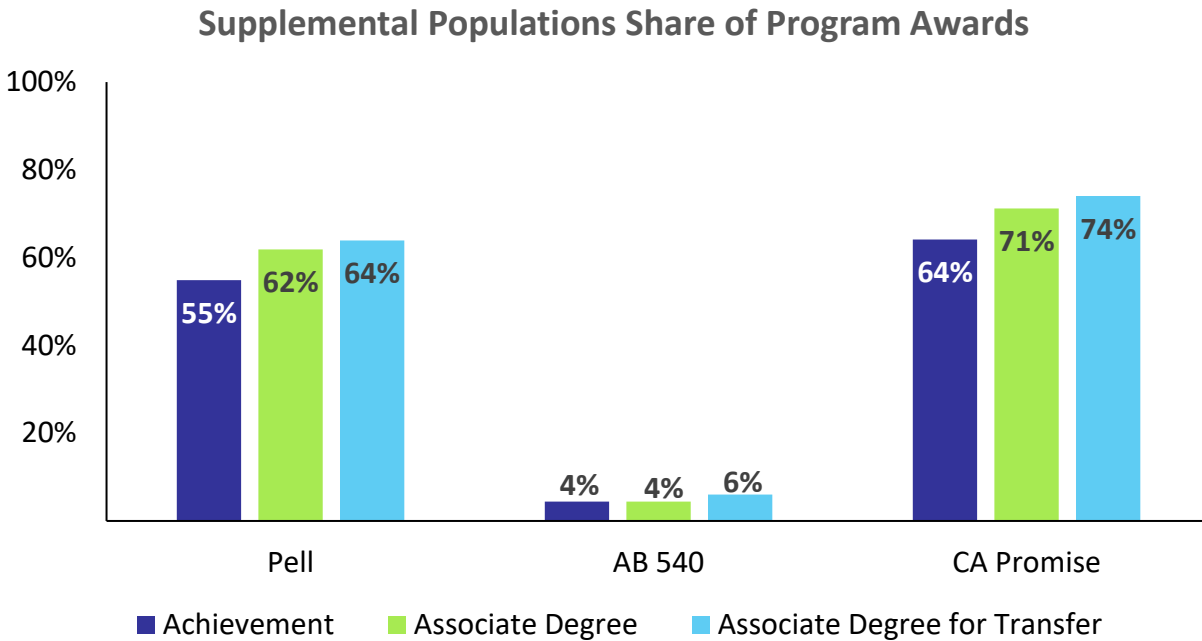


Figure 8 provides the representation of supplemental populations (Pell Grant recipients, CA Promise recipients, and students with an AB 540 status) within program awards conferred. Pell grant students represent 55% of Achievements, 62% of Associate Degrees and 64% of Associate Degrees for Transfer. Students who attend with an AB 540 classification represent 4% of Achievements, 4% of Associate Degrees, and 6% of Associate Degrees for Transfer. CA Promise students represent 64% of Achievements, 71% of Associate Degrees and 74% of Associate Degrees for Transfer. It is possible for students to be counted in the Pell grant group as well as the CA Promise group.

Attachment 1

The Degree and Certificate Report also shows that initiative program awards established a sustained growth trend (Table 19). El Camino College has increased the number of Science, Technology, Engineering and Mathematics (STEM) degrees and certificates awarded since 2012-13. El Camino College has also increased the number of Science, Engineering and Mathematics (SEM) degrees and certificates that have been awarded.

Table 19. Initiative Program Award Trend

Initiative	Award	2013-14	2014-15	2015-16	2016-17
STEM	Degrees	419	391	487	525
	Certificates	64	68	76	77
CTE	Degrees	618	606	665	761
	Certificates	426	377	406	458
SEM	Degrees	70	62	71	60

Degrees and certificates associated with program initiatives were identified using the following methodology:

- Career Technical Education (CTE) programs were identified by utilizing the Centers for Excellence TOP-SOC Crosswalk that is used throughout the California community college system.
- Science, Technology, Engineering and Mathematics (STEM) programs were identified through a crosswalk developed by the Department of Homeland Security.
- Science, Engineering and Mathematics (SEM) programs were identified by Academic Affairs.