

# Compton College

## Degree and Certificate Report: 2016-2017 Academic Year

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*Summer 2016 – Spring 2017*

### Executive Summary

The Degree and Certificate Report provides an overview of program award trends at Compton College. Program awards include associate degrees (arts, science, or transfer) and certificate awards (long-term or short-term). In the past five year, Compton College awarded 2,391 total degrees and certificates, 1,773 individual students obtained a degree and/or certificate, 1,470 individual students obtained at least one degree, and 450 individual students obtained at least one certificate.

Compton College exceeded the 2019-20 goal for degrees and certificates. The 2019-20 goal of awarding 319 degrees was exceeded for the second consecutive year. Additionally, 2019-20 goal awarding 435 certificates was exceeded for the second consecutive year. The five-year trend of degrees and certificates disaggregated by academic division can be found in Appendix C.

Compton College has achieved increases in degree and certificate attainment over the past five years. In particular, the number of transfer degrees in arts and science have substantially increased. In total, transfer degrees represented 4% of associate degrees awarded during the 2012-13 academic year. After five years, transfer degrees represented 34% of associate degrees awarded during the 2016-17 academic year. Three-year trend data for transfer degrees can be found in Appendix B.

The Degree and Certificate Report also shows that Career Technical Education (CTE) initiative program awards have grown over the past five years. CTE degrees and certificates both steadily increased since 2012-13. CTE growth was especially prominent during the 2015-2016 academic year.

Compton College confirmed the largest number of program awards during the 2016-17 academic year. Associate degree totals for 2016-17 were as follows: 397 students completed an associate degree and 488 total associate degrees were awarded (60 students earned more than one associate degree). Additionally, certificate totals for 2016-17 were as follows: 109 students completed a certificate program and 195 total certificates awarded (31 students earned more than one certificate). Additional population disaggregation on degrees and certificates for 2016-17 can be found in Appendix A.

## Introduction

The Degree and Certificate Report provides an overview of program award completions at Compton College over the past five years. The report includes data on Chancellor' Office approved associate degrees and certificates. Associate degrees include Associate of Arts (AA), Associate of Science (AS), Associate of Arts for Transfer (AA-T), and Associate of Science for Transfer (AS-T). Certificate awards include short-term awards (18-30 units) and long-term term awards (30-60 units or more than 60 units).

The Degree and Certificate Report also provides data on 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).

Additionally, several tables on program award achievements disaggregated by population demographics are appended to the end of the report. Appendix A includes tables which disaggregate program award achievement by ethnicity, age and gender during the 2016-17 academic year. Appendix B includes tables which provides data on associate degrees for transfer (AA-T and AS-T) over the past three years. Appendix C provides tables on the five-year trend of program awards by division.

## Purpose

The Degree and Certificate Report provides a detailed overview of student program outcome trends for Compton College. Academic administrators can utilize the report to review program award trends. The report also provides academic administrators with a resource for tracking expected program outcomes and view program completion trends in relation to the overall institutional trend.

## Methodology

The Degree and Certificate Report collected data on the total number of program awards (degrees and certificates) confirmed from the 2012-13 academic year to the 2016-17 academic year (date range of 7/1/2012 – 6/30/2017). Each table represents 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 award earned in academic year. Degrees and certificates associated with program initiatives were identified using the following methodology.

- Career Technical Education (CTE) programs were identified through by utilizing the Centers for Excellence TOP-SOC Crosswalk this 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

## Analysis

Analysis of degrees and certificates awarded for the past five academic years identifies positive trends and downward trends. Compton College awarded 2,391 total degrees and certificates over the past five years. Additionally, 1,773 individual students obtained a degree and/or certificate over the past five years. Lastly, 1,470 individual students obtained a degree and 450 obtained a certificate.

## Degree and Certificate Overview

The degree and certificate overview section provides a condensed look at overall program award trends for Compton College. Degrees and certificates each reached a five year high by the end of the 2016-17 academic year.

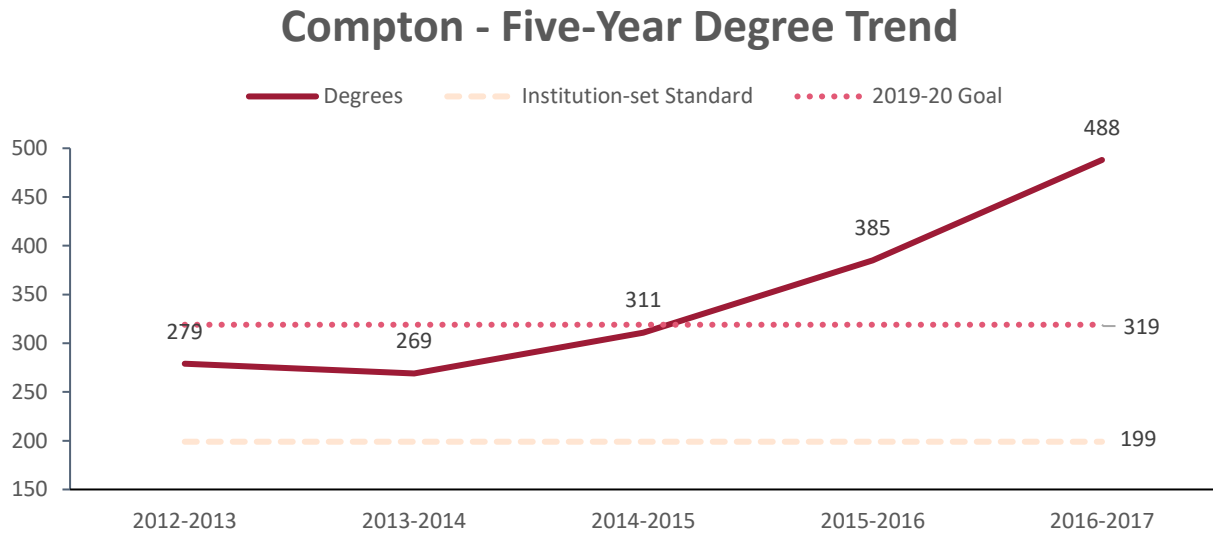
*Table 1. Five-Year Degree and Certificate Trends*

|                     | 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 |
|---------------------|-----------|-----------|-----------|-----------|-----------|
| <b>Degrees</b>      | 279       | 269       | 311       | 385       | 488       |
| <b>Certificates</b> | 98        | 98        | 97        | 171       | 195       |
| <b>Total Awards</b> | 377       | 367       | 408       | 556       | 683       |

Source: El Camino College Institutional Dataset

Table 1 provides the overall five-year trend for degrees and certificates awarded by Compton College from 2012-13 to 2016-17. Table 3 shows that total program awards are in the third year of a sustained positive trend. The number of program awards increased by 306 (81%) when comparing 2012-13 to 2016-17. Degrees awards increase significantly during 2016-17; with 103 additional awards (27%) being confirmed over the previous year. Certificates awards increased significantly during 2015-16; with 74 additional awards (76%) being confirmed over the previous year. Additional population disaggregation of program awards can be found in Table 7, Table 8 and Table 9 in Appendix A.

Figure 1. Five-Year Associate Degree Trend



Compton College exceeded the 2019-20 goal of degrees awarded for the second consecutive year. Figure 1 provides a visual for the trend of associate degrees awarded at Compton College over the past five academic years. Compton College is currently experiencing a sustained three-year positive trend in the number of associate degrees awarded between Fall 2013 and Spring 2017. This trend represents an average increase of 58 associate degrees awarded per year over the past four years. Compton College experienced a slight decrease in associate degrees awarded from Fall 2012 to Spring 2013.

Table 2. Five-Year Trend of Associate Degree Program Awards

| Program Awards | 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 |
|----------------|-----------|-----------|-----------|-----------|-----------|
| <b>AA</b>      | 192       | 202       | 230       | 259       | 310       |
| <b>AS</b>      | 88        | 60        | 86        | 127       | 183       |
| <b>Total</b>   | 280       | 262       | 316       | 386       | 493       |

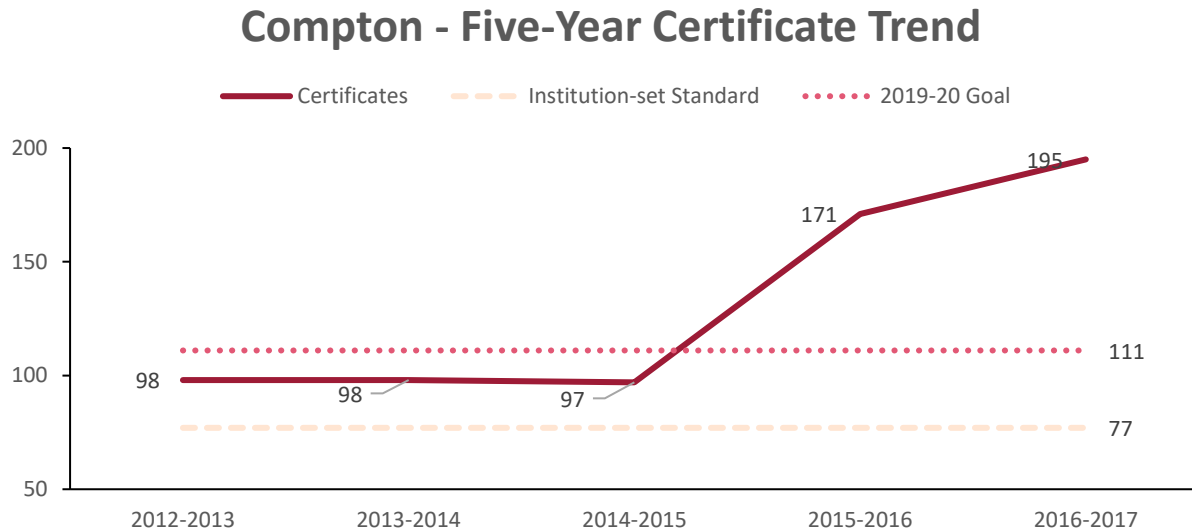
Source: El Camino College Institutional Dataset

Table 2 provides the numerical five-year trend for earned associate degrees disaggregated by award type. Associate of Arts degrees are represented in the AA row (this includes Associate of Arts for Transfer). Associate of Science degrees are represented on the AS row (this includes Associate of Science for Transfer).

Associate of Arts (AA) and Associate of Science (AS) both experienced sustained positive trends over the last five years. AA degrees achieved a sustained positive trend during the last four consecutive years. Table 2 shows that the number of AA degrees awarded increased by 118 (61%) from 2012-13 to 2016-17. AS degrees have achieved a sustained positive trend during the last three consecutive years. Table 2 shows that the number of AS degrees awarded increased by 95 (107%) from 2012-13 to 2016-17. Additionally, the total number of associate degrees increased by 213 (76%) over the past five years.

Compton College did not experience a sustained downward trend of degree awards over the past five years. The only decrease in the number of degrees occurred during the 2013-14 academic year. Table 2 shows that AS degrees decreased by 28 (-32%) in 2013-14. Table 1 also shows that total awards decreased by 18 (-6%) in 2013-14. Both AS degrees and total degree quickly rebounded after 2013-14.

Figure 2. Five-Year Associate Degree Trend



Compton College exceeded the 2019-20 goal of certificate awarded for the second consecutive year. Figure 2 provides a visual for the trend of certificates awarded by Compton College over the last five years. The certificate trend includes short-term certificates (18-30 units) and long-term certificates (30-60 units or more than 60 units). Compton College is currently in the second consecutive year with a positive trend in certificate awarded. Certificate awards remained consistent from 2012-13 through 2014-15. There was a 76% growth in the number of certificates awarded from 2014-15 to 2015-16. Compton College also experienced an overall increase of certificates awarded by 98% over the past five years.

Table 3. Five-Year Trend of Certificate Program Awards

|                   | 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 |
|-------------------|-----------|-----------|-----------|-----------|-----------|
| <b>Long-Term</b>  | 28        | 16        | 25        | 46        | 32        |
| <b>Short-Term</b> | 70        | 82        | 72        | 125       | 163       |
| <b>Total</b>      | 98        | 98        | 97        | 171       | 195       |

Source: El Camino College Institutional Dataset

Table 3 provides additional insight into certificate award trends over the past five academic years. Certificates are disaggregated into long-term (30-60 units or more than 60 units) and short-term (18-30 units) certificates.

Long-term certificates did not have a sustained trend over the past five years. Table 3 shows that long-term certificate awards decreased by 14 (-30%) in 2016-17. However, the number of long-term degrees increased by 4 (14%) when comparing 2012-13 to 2016-17.

Short-term certificates are in the second year of a positive trend. Table 3 shows that short-term certificates increased by 38 (30%) from 2015-16 to 2016-17. Additionally, the number of short-term certificates increased by 93 (133%) when comparing 2012-13 to 2016-17. The dramatic increase in short-term certificates supported the two-year positive trend for total certificate awards.

Total certificate awards increased sharply during 2015-16. Long-term certificate increased by 21 (84%) in 2015-16. Short-term certificates increased by 53 (76%) in 2015-2016. The sharp increase in certificates awarded during 2015-16 was the first year of a two-year positive trend that is still active. Overall, certificates increased by 97 (99%) when comparing 2012-13 with 2016-17.

## Degree Types

Compton College currently offers associate degrees in the areas of arts and sciences. These two degree types each have the additional subcategory of offering transfer degrees. Art associate 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 1. Degree Trends

|              | 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 |
|--------------|-----------|-----------|-----------|-----------|-----------|
| <b>AA</b>    | 179       | 190       | 193       | 205       | 237       |
| <b>AA-T</b>  | 12        | 11        | 32        | 56        | 79        |
| <b>AS</b>    | 88        | 68        | 76        | 89        | 83        |
| <b>AS-T</b>  |           |           | 10        | 35        | 89        |
| <b>Total</b> | 279       | 269       | 311       | 385       | 488       |

Source: El Camino College Institutional Dataset

Table 4 provides the numerical five-year trend of each associate degree type. Compton College is currently in a sustained positive three-year trend for associate degree awards. Associate of Arts (AA) degrees contributed to this positive trend with a sustained positive four-year trend. Associate of Arts for Transfer (AA-T) contributed to this trend with a sustained three-year trend. Associate of Science for Transfer (AS-T) have an active positive two-year trend, although AS-T were not awarded from 2012-13 through 2013-14. Associate of Science (AS) degrees did not achieve a sustained trend over the past five years.

Table. 5 Five-Year Percentage Trend for Associate Degrees and Transfer Degrees

|              | 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 |
|--------------|-----------|-----------|-----------|-----------|-----------|
| <b>AA</b>    | 64%       | 71%       | 62%       | 53%       | 49%       |
| <b>AA-T</b>  | 4%        | 4%        | 10%       | 15%       | 16%       |
| <b>AS</b>    | 32%       | 25%       | 24%       | 23%       | 17%       |
| <b>AS-T</b>  | 0%        | 0%        | 3%        | 9%        | 18%       |
| <b>Total</b> | 279       | 269       | 311       | 385       | 488       |

Source: El Camino College Institutional Dataset

The percentage trends of associate degree awards over the past five years are presented in Table 5. The table shows that AA-Ts represented 4% of associate degrees awarded in 2012-13. Additionally, AS-Ts were not awarded from 2012-13 through 2013-14 and did not contribute to total degrees award. AA and AS degrees represented 96% of the degrees awarded in 2012-2013. The proportion of transfer degree increased greatly over the past five years. Transfer degrees represented 34% of associate degrees awarded in 2016-17. AA and AS degrees represented 66% of degrees awarded in 2016-17.

Data presented in Table 4 and Table 5 shows that associate degree awards have increased over the past five years. Compton College had an overall increase in associate degrees awards of 209 (75%) when comparing 2012-13 with 2016-17. The overall increase in degrees awarded was supported by increases in transfer degrees (AA-Ts and AS-Ts). Additional population disaggregation of associate degrees can be found in Table 10, Table 11 and Table 12 in Appendix A.

## Initiative Program Overview

Compton College is currently tracking three initiative programs. Career and Technical Education (CTE) is an initiative program which includes career based degrees or certificates awards that prepare students for employment upon completion. Science, Technology, Engineering and Mathematics (STEM) is an initiative program which typically includes an academic degree from one of the three academic divisions at Compton College. Science Engineering and Mathematics (SEM) is an initiative program which typically includes academic programs from Division 1 and Division 3 at Compton College.

Table 6. Five-Year Trend of Initiative Program Awards

|             |              | 2012-2013 | 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 |
|-------------|--------------|-----------|-----------|-----------|-----------|-----------|
| <b>CTE</b>  | Degrees      | 107       | 97        | 107       | 122       | 189       |
|             | Certificates | 89        | 91        | 91        | 168       | 191       |
| <b>STEM</b> | Degrees      | 15        | 0         | 9         | 19        | 10        |
|             | Certificates | --        | --        | --        | --        | --        |
| <b>SEM</b>  | Degrees      | 9         | --        | 4         | 11        | 6         |
|             | Certificates | --        | --        | --        | --        | --        |

Source: El Camino College Institutional Dataset

Initiative awards earned over the past five years are presented in Table 6. The table is separated by initiative program. Table 6 shows that CTE degrees experienced a sustained three-year positive trend. The number of CTE degree awards increased by 82 (77%) when comparing 2012-13 to 2016-17. CTE certificates also achieved a sustained four-year positive trend over the past five years. The number of CTE certificates increased by 102 (114%) when comparing 2012-13 to 2016-17.

STEM and SEM initiative programs only awarded associate degrees over the past five years. Each initiative followed a similar trend with certificates and degrees over the last five years. Compton College did not confirm STEM or SEM certificates during the last five years. Table 6 shows that the awarding of STEM and SEM degrees did not have a sustained trend. The largest number of STEM degrees (19) and SEM degrees (11) were awarded during 2015-16. Additionally, Compton College did not award STEM or SEM degrees during 2013-14. Additional disaggregation initiative programs can be found in Table 13, Table 14 and Table 15 in Appendix A.

## Conclusion

Compton College experienced sustained positive trends in both degrees and certificates over the past five years. Increases in degree attainment was supported by transfer degrees, especially increases in AS-T degrees. Increases in certificate attainment was supported by long-term certificates. In total, Compton College had overall degree attainment increased by 75% and overall certificate attainment increased by 99%. The only decreases occurred with Long-term and AS degrees during 2013-14. Additionally, CTE program awards were the primary focus on initiative programs. As a result, the sustained growth in initiative program awards were solely tied to CTE awards.



Figure 3. Program Awards Breakdown per Year

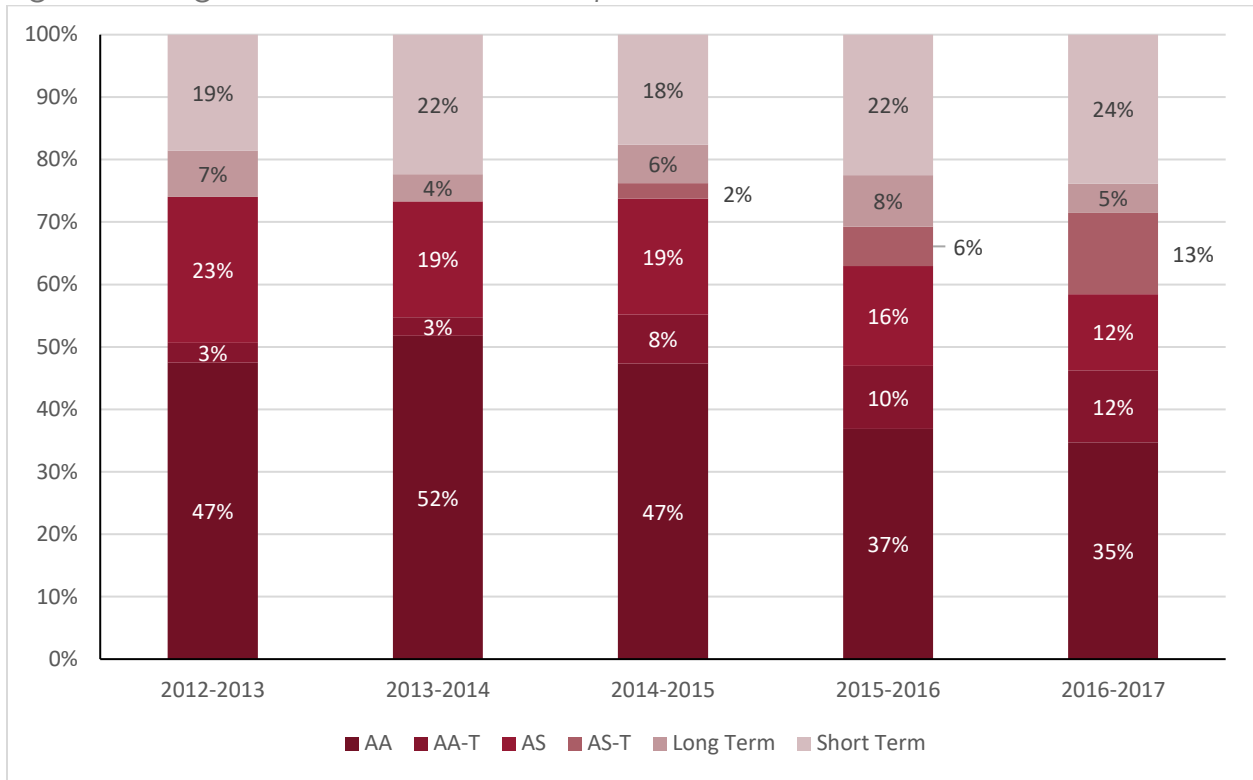


Figure 3 provides the distribution of awards earned by student by program over the last five academic years. The percentage of AA degrees of all program awarded decreased from 47% in 2012-13 to 35% in 2016-17. The percentage of AA-T degrees increased from 3% in 2012-13 to 12% in 2016-17. The percentage of AS degrees decreased from 23% in 2012-13 to 12% in 2016-17. The percentage of AS-T increased from 2% in 2014-15 to 13% 2016-17. The percentage of long-term certificates decreased from 7% in 2012-13 to 5% in 2016-17. The percentage of short-term degrees increased from 19% in 2012-13 to 24% in 2016-17. Additional program award disaggregation by transfer degree can be found in Table 16 and Table 17 in Appendix B. Disaggregation program awards by division can be found in Table 18 and Table 19 in Appendix C.

## Appendix A

## 2016-2017 Population Disaggregation

The population disaggregation section provides disaggregated percentages of degrees and certificates earned in the 2016-2017 academic year. Population disaggregation includes tables on ethnicity, age cohorts, as well as gender. Program award types and program initiatives.

Table 7. Degree and Certificate

| Ethnic Group     | Degrees | Certificates | Fall 2013 Enrollment |
|------------------|---------|--------------|----------------------|
| Asian            | 4%      | 3%           | 6%                   |
| Black            | 27%     | 22%          | 37%                  |
| Latino           | 64%     | 66%          | 49%                  |
| Native American  | **      | 2%           | <1%                  |
| Pacific Islander | **      | **           | <1%                  |
| Two or More      | 2%      | 2%           | 3%                   |
| Unknown          | **      | **           | <1%                  |
| White            | **      | 5%           | 3%                   |

Source: El Camino College Institutional Dataset

\*\* Percentage suppressed

Table 7 provides the percentage of overall degrees and certificates earned in 2016-2017 by ethnicity.

Table 8. Degrees and Certificates by Age (2016-2017)

|                      | Under 20 | 20 to 24 | 25-49 | Over 50 |
|----------------------|----------|----------|-------|---------|
| Degrees              | 2%       | 48%      | 47%   | 2%      |
| Certificates         | 5%       | 29%      | 56%   | 10%     |
| Fall 2013 Enrollment | 20%      | 38%      | 37%   | 5%      |

Source: El Camino College Institutional Dataset

Table 8 provides the percentage of program awards earned by age cohort.

Table 9. Overall Degrees and Certificate by Gender (2016-2017)

|                      | Female | Male |
|----------------------|--------|------|
| Degrees              | 82%    | 50%  |
| Certificates         | 18%    | 50%  |
| Fall 2013 Enrollment | 64%    | 36%  |

Source: El Camino College Institutional Dataset

Table 9 provides the percentage of program awards earned by gender.

Table 10. 2016-2017 Program Awards by Ethnicity

| 2016-2017               | AA  | AA-T | AS  | AS-T | Long-term | Short-term |
|-------------------------|-----|------|-----|------|-----------|------------|
| <b>Asian</b>            | 2%  | 3%   | 16% | 1%   | 6%        | 2%         |
| <b>Black</b>            | 31% | 23%  | 31% | 17%  | 13%       | 23%        |
| <b>Latino</b>           | 63% | 71%  | 47% | 79%  | 71%       | 66%        |
| <b>Native American</b>  | **  | 1%   | **  | **   | 3%        | 1%         |
| <b>Pacific Islander</b> | **  | **   | **  | 1%   | **        | **         |
| <b>Two or More</b>      | 3%  | 1%   | 1%  | 1%   | **        | 2%         |
| <b>Unknown</b>          | **  | **   | **  | 1%   | **        | 1%         |
| <b>White</b>            | 1%  | 1%   | 5%  | **   | 6%        | 5%         |

Source: El Camino College Institutional Dataset

\*\* Percentage suppressed

Table 10 provides the percentage of 2016-2017 program awards completed by award type of ethnicity.

Table 11. 2016-2017 Program Awards by Age Cohort (2016-2017)

| Age Cohort      | AA   | AA-T | AS   | AS-T | Long-term | Short-term |
|-----------------|------|------|------|------|-----------|------------|
| <b>Under 20</b> | 2%   | 4%   | 1%   | 2%   | 7%        | 5%         |
| <b>20 to 24</b> | 47%  | 65%  | 27%  | 53%  | 30%       | 27%        |
| <b>25 to 49</b> | 49%  | 29%  | 69%  | 41%  | 53%       | 57%        |
| <b>Over 50</b>  | 2%   | 1%   | 4%   | 3%   | 10%       | 11%        |
| <b>Total</b>    | 100% | 100% | 100% | 100% | 100%      | 100%       |

Source: El Camino College Institutional Dataset

Table 11 provides the percentage of program awards earned by program type and age cohort.

Table 12. Percentage of Program Awards Obtained by Gender (2016-2017)

|               | AA  | AA-T | AS  | AS-T | Long-term | Short-term |
|---------------|-----|------|-----|------|-----------|------------|
| <b>Female</b> | 43% | 13%  | 14% | 11%  | 2%        | 16%        |
| <b>Male</b>   | 23% | 9%   | 10% | 8%   | 10%       | 40%        |

Source: El Camino College Institutional Dataset

Table 12 provides the percentage of program awards earned by program type and gender.

Table 13. Initiative Awards by Ethnicity (2016-2017)

| Ethnic Group            | CTE     |              | STEM    |              | SEM     |              |
|-------------------------|---------|--------------|---------|--------------|---------|--------------|
|                         | Degrees | Certificates | Degrees | Certificates | Degrees | Certificates |
| <b>Asian</b>            | 7%      | 3%           | **      | --           | **      | --           |
| <b>Black</b>            | 24%     | 21%          | 20%     | --           | 17%     | --           |
| <b>Latino</b>           | 64%     | 67%          | 70%     | --           | 83%     | --           |
| <b>Native American</b>  | **      | 2%           | **      | --           | **      | --           |
| <b>Pacific Islander</b> | 1%      | **           | **      | --           | **      | --           |
| <b>Two or More</b>      | 1%      | 1%           | **      | --           | **      | --           |
| <b>Unknown</b>          | 1%      | 1%           | **      | --           | **      | --           |
| <b>White</b>            | 2%      | 5%           | 10%     | --           | **      | --           |

Source: El Camino College Institutional Dataset

-- Not Applicable

\*\* Percentage suppressed

Table 13 provides the percentage of degrees and certificates earned in 2016-2017 by initiative. Program awards are further disaggregated by ethnicity.

Table 14. Initiative Awards by Age (2016-2017)

|             |             | Under 20 | 20 to 24 | 25-49 | Over 50 | Total |
|-------------|-------------|----------|----------|-------|---------|-------|
| <b>CTE</b>  | Degree      | 2%       | 36%      | 58%   | 4%      | 190   |
|             | Certificate | 5%       | 29%      | 57%   | 9%      | 190   |
| <b>STEM</b> | Degree      | **       | 90%      | 10%   | **      | 10    |
|             | Certificate | --       | --       | --    | --      | 0     |
| <b>SEM</b>  | Degree      | **       | 100%     | **    | **      | 6     |
|             | Certificate | --       | --       | --    | --      | 0     |

Source: El Camino College Institutional Dataset

-- Not applicable

\*\* Percentage suppressed

Table 14 provides the percentage of degrees and certificates earned in 2016-2017 by initiative. Program awards are further disaggregated by age cohort.

Table 152. Initiative by Gender (2016-2017)

|             |              | Female | Male | Total |
|-------------|--------------|--------|------|-------|
| <b>CTE</b>  | Degrees      | 73%    | 27%  | 165   |
|             | Certificates | 38%    | 62%  | 190   |
| <b>STEM</b> | Degrees      | 70%    | 30%  | 10    |
|             | Certificates | --     | --   | --    |
| <b>SEM</b>  | Degrees      | 100%   | **   | 6     |
|             | Certificates | --     | --   | --    |

Source: El Camino College Institutional Dataset

-- Not applicable

\*\* Percentage suppressed

Table 15 provides the percentage of degrees and certificates earned in 2016-2017 by initiative. Program awards are further disaggregated by age cohort.

## Appendix B

Table 3. Associate of Arts for Transfer 2016-2017

| Program                      | 2014-2015 | 2015-2016 | 2016-2017 |
|------------------------------|-----------|-----------|-----------|
| Anthropology                 |           | 1         |           |
| Art-Art History              |           |           | 1         |
| Art-Studio Art               |           | 1         |           |
| Communication Studies        | 4         | 6         | 5         |
| Economics                    |           |           | 1         |
| Elementary Teacher Education |           | 1         |           |
| English                      | 2         | 2         | 2         |
| Geography                    |           | 1         |           |
| History                      | 2         | 1         | 3         |
| Journalism                   |           |           | 1         |
| Kinesiology                  |           |           | 3         |
| Political Science            | 2         | 2         | 2         |
| Psychology                   | 10        | 20        | 30        |
| Sociology                    | 12        | 18        | 29        |
| Spanish                      |           | 1         | 1         |
| <b>Grand Total</b>           | <b>32</b> | <b>54</b> | <b>78</b> |

Source: El Camino College Institutional Dataset

Table 4. Associate of Science for Transfer 2016-2017

| Program                   | 2014-2015 | 2015-2016 | 2016-2017 |
|---------------------------|-----------|-----------|-----------|
| Administration of Justice | 9         | 15        | 34        |
| Business Administration   |           | 13        | 39        |
| Communication Studies     |           |           | 1         |
| Early Childhood Education |           | 7         | 16        |
| Mathematics               | 1         | 1         |           |
| Psychology                |           | 1         |           |
| <b>Grand Total</b>        | <b>10</b> | <b>37</b> | <b>90</b> |

Source: El Camino College Institutional Dataset



## Appendix C

Table 58. Five-Year Associate Degree Trends: Division I

| <b>Major</b>                            | <b>2012-13</b> | <b>2013-14</b> | <b>2014-15</b> | <b>2015-16</b> | <b>2016-17</b> | <b>5-Year Trend</b> |
|---|----------------|----------------|----------------|----------------|----------------|---------------------|
| Biology                                 | 1              |                | 1              |                | 1              | 0%                  |
| Chemistry                               | 2              |                |                |                |                | -100%               |
| Childhood Education                     | 17             | 18             | 18             | 8              | 18             | 6%                  |
| Early Childhood Education (Transfer)    |                |                |                | 7              | 16             | 129%                |
| Elementary Teacher Education (Transfer) |                |                |                | 1              |                | -100%               |
| <b>Total</b>                            | <b>20</b>      | <b>18</b>      | <b>19</b>      | <b>17</b>      | <b>35</b>      | <b>75%</b>          |

Source: El Camino College Institutional Dataset

Table 69. Five-Year Associate Degree Trends: Division 2

| Major                                  | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 5-Year Trend |
|--|---------|---------|---------|---------|---------|--------------|
| Accounting                             | 1       | 3       |         | 3       | 1       | 0%           |
| Administration of Justice              | 20      | 9       | 7       | 5       | 5       | -75%         |
| Administration of Justice for Transfer |         |         | 9       | 15      | 34      | 278%         |
| Air Conditioning & Refrigeration       | 1       |         | 2       | 2       | 1       | 0%           |
| Anthropology                           |         | 1       |         |         | 1       | 0%           |
| Anthropology for Transfer              |         |         |         | 1       |         | -100%        |
| Architecture                           |         |         |         | 1       |         | -100%        |
| Art-Art History for Transfer           |         |         |         |         | 1       | 0%           |
| Art-Studio Art                         | 2       |         |         |         |         | -100%        |
| Art-Studio Art for Transfer            |         |         |         | 1       |         | -100%        |
| Automotive Collision Repair/Painting   |         | 1       | 1       |         |         | -100%        |
| Business Administration                | 18      | 12      | 18      | 15      | 7       | -61%         |
| Automotive Technology                  |         | 1       | 1       |         |         | -100%        |
| Business Administration for Transfer   |         |         |         | 13      | 39      | 200%         |
| Business Management                    | 3       | 6       | 5       |         | 6       | 100%         |
| Computer Information Systems           | 1       |         | 2       | 2       | 1       | 0%           |
| Construction Technology                |         | 1       |         |         |         | -100%        |
| Dance                                  |         |         |         |         | 1       | 0%           |

| Major (Cont.)                           | 2012-13   | 2013-14   | 2014-15   | 2015-16   | 2016-17    | 5-Year Trend |
|---|-----------|-----------|-----------|-----------|------------|--------------|
| Economics for Transfer                  |           |           |           |           | 1          | 0%           |
| Ethnic Studies-African American Studies |           | 1         |           |           |            | -100%        |
| Fashion Design and Production           |           |           |           | 1         |            | -100%        |
| Film/Video                              |           | 1         | 1         | 1         | 1          | 0%           |
| Fire & Emergency Tech.                  | 3         |           | 1         | 1         | 4          | 33%          |
| History                                 | 1         | 1         | 2         | 1         |            | -100%        |
| History for Transfer                    |           |           | 2         | 1         | 3          | 50%          |
| <b>Total</b>                            | <b>50</b> | <b>37</b> | <b>51</b> | <b>63</b> | <b>106</b> | <b>112%</b>  |

Source: El Camino College Institutional Dataset

Table 79. Five-Year Associate Degree Trends: Division 3

| Major  | 2012-13    | 2013-14    | 2014-15    | 2015-16    | 2016-17    | 5-Year Trend |
|--|------------|------------|------------|------------|------------|--------------|
| Communication Studies for Transfer             |            | 2          | 4          | 6          | 6          | 200%         |
| English  |            | 2          | 1          | 1          |            | -100%        |
| English for Transfer                           |            |            | 2          | 2          | 2          | 0%           |
| French   |            | 1          |            |            | 2          | 100%         |
| General Science                                | 1          |            | 1          | 4          | 3          | 200%         |
| General Studies                                | 9          | 5          | 1          |            |            | -100%        |
| General Studies-Arts & Humanities              | 51         | 44         | 39         | 66         | 31         | -39%         |
| General Studies-Biological & Physical Sciences | 11         | 25         | 30         | 32         | 40         | 264%         |
| General Studies-Communication Studies          | 1          |            |            |            |            | -100%        |
| General Studies-Culture & Communication        | 1          | 1          | 5          | 4          | 4          | 300%         |
| General Studies-Fine & Applied Arts            | 2          | 1          |            | 2          |            | -100%        |
| General Studies-Kinesiology & Wellness         | 2          | 5          | 1          | 2          | 5          | 150%         |
| General Studies-Social & Behavioral Sciences   | 53         | 57         | 81         | 73         | 119        | 125%         |
| Journalism for Transfer-Aa-T                   |            |            |            |            | 1          | 0%           |
| <b>Total</b>                                   | <b>131</b> | <b>143</b> | <b>165</b> | <b>192</b> | <b>213</b> | <b>63%</b>   |

Source: El Camino College Institutional Dataset

Table 89. Certificate Programs (Achievement): Division 1

| Major                        | 2012-13   | 2013-14   | 2014-15   | 2015-16   | 2016-17   | 5-Year Trend |
|------------------------------|-----------|-----------|-----------|-----------|-----------|--------------|
| Early Childhood Education    | 33        | 38        | 28        | 32        | 43        | 30%          |
| Early Intervention Assistant | 3         |           |           | 3         | 3         | 0%           |
| <b>Total</b>                 | <b>36</b> | <b>38</b> | <b>28</b> | <b>35</b> | <b>46</b> | <b>28%</b>   |

Source: El Camino College Institutional Dataset

Table 99. Certificate Programs (Achievement): Division 3

| Major        | 2012-13 | 2013-14 | 2014-15 | 2015-16  | 2016-17 | 5-Year Trend |
|--------------|---------|---------|---------|----------|---------|--------------|
| Journalism   |         |         |         | 1        |         | -100%        |
| <b>Total</b> |         |         |         | <b>1</b> |         | <b>-100%</b> |

Source: El Camino College Institutional Dataset

Table 109. Certificate Programs (Achievement): Division 2

| Major (Cont.)                                 | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 5-Year Trend |
|---|---------|---------|---------|---------|---------|--------------|
| AC&R Electric Controls                        | 3       | 3       | 8       | 16      | 22      | 633%         |
| AC&R HVAC & Refrigeration                     | 3       | 4       | 11      | 16      | 19      | 533%         |
| AC&R Refrigeration                            | 2       | 4       | 8       | 20      | 22      | 1000%        |
| AC&R-Air Conditioning                         | 2       | 3       | 8       | 19      | 23      | 1050%        |
| Accounting                                    |         | 1       | 1       | 2       | 1       | 0%           |
| Administration of Justice                     | 2       | 1       | 5       | 2       | 2       | 0%           |
| Architecture                                  | 1       |         |         | 1       |         | -100%        |
| Art-Digital Arts-Visual Communications        |         |         |         | 1       |         | -100%        |
| Auto Brakes/Suspension Trans/Drive Train Tech | 2       | 1       |         | 5       | 5       | 150%         |
| Automotive Collision Repair/Painting I        | 2       | 6       | 6       | 12      | 2       | 0%           |
| Automotive Engine Rebuilding/Repair Tech.     | 2       | 2       | 2       | 4       | 6       | 200%         |
| Automotive Technician I                       | 5       | 1       | 1       | 3       | 4       | -20%         |
| Automotive Technician II                      |         | 1       |         |         |         | -100%        |
| Automotive Tune-Up Technician                 | 5       | 4       |         | 14      | 10      | 100%         |
| Bookkeeping Clerk-Achievement                 | 2       |         |         | 2       | 1       | -50%         |
| Business Management                           |         | 5       | 2       |         | 5       | 0%           |
| Cnc Machine Operator                          |         | 3       | 1       | 1       | 2       | -33%         |

| Major (Cont.)               | 2012-13   | 2013-14   | 2014-15   | 2015-16    | 2016-17    | 5-Year Trend |
|-----------------------------|-----------|-----------|-----------|------------|------------|--------------|
| Business Management         |           | 5         | 2         |            | 5          | 0%           |
| Cnc Machine Operator        |           | 3         | 1         | 1          | 2          | -33%         |
| Commercial Music            | 4         | 5         | 4         | 2          | 2          | -50%         |
| Cosmetology Level II        |           |           |           |            | 3          | 0%           |
| Cosmetology Level III       | 3         |           | 1         |            | 1          | -67%         |
| Film/Video Production       | 2         | 1         |           |            | 1          | -50%         |
| Fire & Emergency Technology |           | 1         |           |            | 1          | 0%           |
| <b>Total</b>                | <b>40</b> | <b>46</b> | <b>58</b> | <b>120</b> | <b>132</b> | <b>230%</b>  |

Source: El Camino College Institutional Dataset