

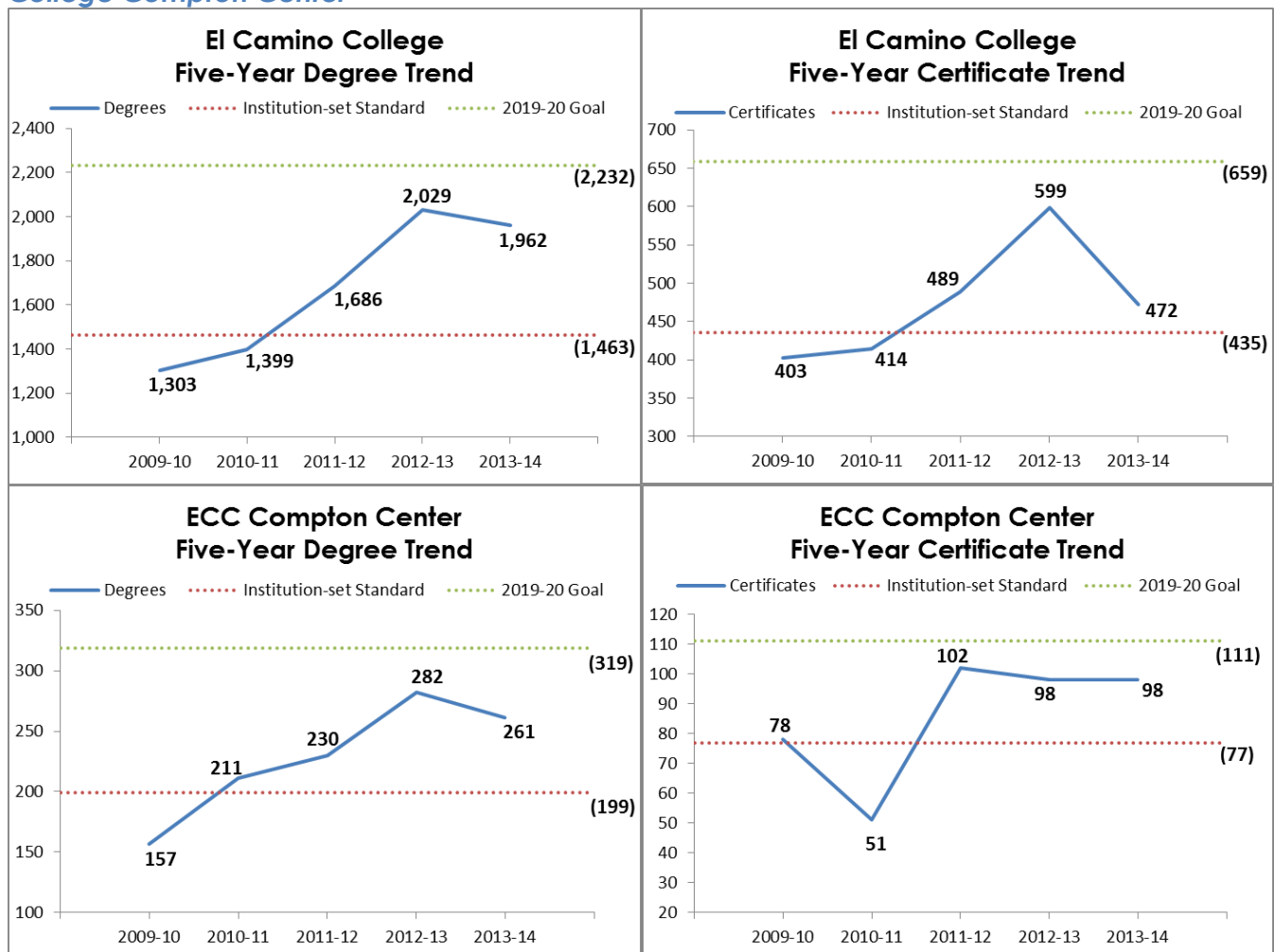
# El Camino College Degrees and Certificates Awarded Recent Trends (2009-2014)



## Executive Summary

This report highlights the trends in degrees and certificates awarded by El Camino College and El Camino College Compton Center for the academic years 2009-10 to 2013-14. These trends are discussed in relation to minimum standards set by the College. Overall, awards have increased significantly at both El Camino College and El Camino College Compton Center during this five year period. Combined, both locations show a five-year growth of 52% for degrees awarded and 19% for certificates awarded (44% for all awards distributed). Although the number of awards decreased for the 2013-14 academic year, both locations are performing above the institution-set standard on these measures, with the possibility of meeting the established goals by 2019-20.

**Figure 1. Five-year Degree and Certificate Trends for El Camino College and El Camino College Compton Center**



At El Camino College (ECC), a total of 2,434 awards were distributed in 2013-14. Awarding of degrees decreased by 3%, and certificates decreased by 21%, but 2013-14 still yielded the second-highest total award count seen at ECC in recent years. The number of Associate of Arts for Transfer (A.A.-T) degrees awarded continued to grow, with 118 A.A.-T degrees awarded in 2013-14 and an increase in each of the three majors awarding A.A.-T degrees (i.e., Psychology, Sociology, and Communication). Changes in the overall number of degrees and certificates awarded by each major were relatively small. Some of the largest increases occurred among A.A.-T and STEM majors, and some of the largest decreases occurred in non-STEM majors (e.g., economics). Over the previous five years at ECC, degree awards have grown by 51% and certificate awards have grown by 17%. Altogether, ECC is showing a five-year growth of 43% in terms of awards distributed.

At ECC Compton Center, a total of 359 awards were distributed in 2013-14. Awarding of degrees decreased by 7%, and there was no change in the number of certificates, but 2013-14 still yielded the second-highest total award count seen at Compton Center. Changes in the number of degrees and certificates awarded by major were relatively small, with no particular major showing a large increase or decrease in awards. Over the previous five years at Compton Center, degree awards have grown by 66% and certificate awards have grown by 26%. Altogether, Compton Center is showing a five-year growth of 53% in terms of awards distributed.

**Table 1. Degrees and Certificates Awarded (2009-2014)**

Location	Award	2009-10*	2010-11*	2011-12*	2012-13	2013-14	5-year Change%
<b>El Camino College</b>	Degrees	1,303	1,399	1,686	2,029	1,962	51%
	Certificates	403	414	489	599	472	17%
<b>Compton Center</b>	Degrees	157	211	230	282	261	66%
	Certificates	78	51	102	98	98	26%
<b>Total ECC</b>	Degrees	1,460	1,610	1,916	2,311	2,223	52%
	Certificates	481	465	591	697	570	19%

\*Awards reported as of MIS Data Submission in Summer/Fall. Actual campus figures may be slightly different.  
Sources: CCC Chancellor's Office; El Camino College Admissions & Records

## Degree Overview

At El Camino College (ECC), degrees were awarded in 66 different majors in 8 different divisions. At ECC Compton Center, degrees were awarded in 34 different majors in 8 different divisions. Since the 2009-10 academic year, both ECC and Compton Center have been awarding an increasing number of degrees. 2013-14 was the first academic year in which there was not a uniform increase in degrees awarded at both locations, although the number of degrees is substantially greater than the 2009-10 year. When comparing 2012-13 to 2013-14, degree counts at ECC have decreased by 3% and degree counts at Compton Center have decreased by 7%. Currently, 2012-13 is the record year for the most degrees awarded at both locations, with 2013-14 awarding the second highest number (see Table 1).

2013-14 is also the second year in which Associate of Arts for Transfer (A.A.-T) degrees have been awarded. The A.A.-T degree allows students to more easily transfer to a California State University (CSU) major on their path to earning a bachelor's degree, although it does not guarantee admission to any specific CSU campus or program. Students with A.A.-T degrees who are admitted to a CSU are allowed to complete the units necessary (within 60 units) to earn a bachelor's degree from that institution. However, the A.A.-T and the Associate of Science for Transfer (A.S.-T) degrees are relatively new degree offerings at El Camino College. The only programs offering associate transfer degrees long enough to award them to 2013-14 graduating students are Psychology, Sociology, and Communication, which all saw an increase in the number of A.A.-T degrees awarded since the previous year.

## Certificate Overview

At ECC and ECC Compton Center, certain programs are offered as certificates (approved by the Chancellor's Office) according to the number of units a student completes. These certificates of achievement generally require 18 or more units of study and a grade point average (GPA) of 2.0 or greater, although there are Honors and High Honors certificates with more demanding GPA requirements to receive these awards. Students are also able to attempt certificates acknowledging their completion of a greater number of units (i.e., more than 30 or more than 60 units of study). Because of the various certificate requirements, students are able to receive multiple certificates emphasizing different fields of study. The awarding of certificates has not increased as uniformly as the awarding of degrees, but both locations have shown substantial improvement since 2009 and are currently meeting the respective institutional standards.

## Initiative Overview

El Camino College maintains a number of academic initiatives that emphasize student success in specific fields of study and potential careers. These initiatives include programs focusing on Career and Technical Education (CTE); Science, Technology, Engineering, and Mathematics (STEM); and Science, Engineering, and Mathematics (SEM). CTE programs involve technical courses designed to prepare students for future careers by providing specified knowledge and skills that are directly transferrable to given professions and workplaces. CTE programs cover a variety of majors (e.g., nursing, architecture, childhood education), and some of the more technical programs also correspond to the STEM initiative. At ECC, STEM programs consist of those in the divisions of Mathematics and Natural Sciences, as well as the more technological programs within the division of Industry and Technology. By contrast, the SEM initiative focuses more on transfer programs for math and science and less on technical programs and certificates. For ECC, the number of CTE awards decreased slightly, while the number of STEM and SEM awards increased slightly. For ECC Compton Center, awards related to all three initiatives decreased slightly compared to the previous year.

## Examination of Degrees and Certificates by Location

### El Camino College Overview

The 2,434 awards distributed by El Camino College (ECC) consisted of 1,962 degrees and 472 certificates. In other words, 81% of the awards were A.A., A.A.-T, or A.S. degrees and 19% of the awards were certificates. The majority of awards at ECC are received by traditional, college-aged students (i.e., 20 to 24 years old), although there is also a substantial number of awards given to students in the 25-to-49 year age range. Specific demographic groups exhibited various patterns of award distribution, however. Asian students received 551 awards (89% degrees and 11% certificates). African American students received 264 awards (80% degrees and 20% certificates). Latino students received 1,023 awards (77% degrees and 23% certificates). White students received 434 awards (80% degrees and 20% certificates).

Men and women enrolled in ECC at similar rates in 2010<sup>1</sup> (48% male; 52% female), but the distribution of awards in 2013-14 does not reflect this. Compared to their Fall 2010 enrollment rate, male students received proportionally fewer awards in 2013-14 (45%). Compared to their Fall 2010 enrollment rate, female students received proportionally more awards in 2013-14 (55%). There were 1,090 awards distributed to male students: approximately 77% were degrees, and 23% were certificates. There were 1,344 awards distributed to female students: approximately 83% were degrees, and 17% were certificates. Men received slightly more A.S. degrees (53%) and certificates (53%), while women received disproportionately more A.A. degrees (63%). For more details, see Table 7 and Table 10 of Appendix A.

When considering the total number of awards distributed at ECC (see Table 8 of Appendix A), Asian students received proportionately more awards (23%) than their Fall 2010 enrollment (17%). African American students received proportionately fewer awards (11%) than their enrollment (17%). Latino students received proportionately more awards (42%) than their enrollment (38%). White students received proportionately fewer awards (18%) than their enrollment (19%). It is difficult to determine how much, if any, of these proportional differences are due to changes in enrollment demographics. Comparing Fall 2010 to Fall 2013, Asian student enrollment has decreased by approximately 2%, African American student enrollment has remained relatively the same, Latino student enrollment has increased by 10%, and White student enrollment has decreased by 4%. Additionally, students were originally classified as “unknown” or otherwise declined to report their ethnicity at a much higher rate during Fall 2010 enrollment compared to Fall 2013 enrollment.

### El Camino College Degrees

With the exception of the 2013-14 academic year, the number of degrees awarded at ECC had been steadily increasing per year. Although 2012-13 stands as the peak year for degrees awarded at ECC, 2013-14 has yielded the second highest number of degree award counts (1,962) in the five-year period.

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<sup>1</sup> Because the median enrollment time to completion at ECC campuses is four years, several aspects of the 2013-14 data in this report are compared to enrollment four years prior (2010-11).

There has been a 49% increase in A.A.-T degrees, a 14% decrease in A.A. degrees, and an 8% increase in A.S. degrees over the previous year (see Table 2). However, the five-year change indicates substantial growth in both A.A. and A.S. degree counts (31% and 58%, respectively). The 3% decrease in total degree counts since the previous year appears to be mostly due to a reduction in A.A. degrees awarded. Although the number of A.A.-T degrees and A.S. degrees has increased from the previous year, 166 fewer A.A. degrees were awarded while only 99 more A.A.-T and A.S. degrees were awarded.

**Table 2. El Camino College Degree Awards by Type**

Degree Type	2009-10	2010-11	2011-12	2012-13	2013-14	5-year change
<b>A.A.</b>	797	903	1118	1210	1044	31%
<b>A.A.-T</b>	--	--	--	79	118	N/A
<b>A.S.</b>	506	496	568	740	800	58%
<b>Total</b>	1303	1399	1686	2029	1962	51%

Unlike previous years, there was not a uniform increase in degrees awarded by each division. From 2012-13 to 2013-14, there was a 7% increase in Business degrees awarded, a 9% increase in Fine Arts degrees awarded, a 16% increase in Health Sciences and Athletics degrees awarded, and a 26% increase in Natural Sciences degrees awarded. All other divisions (i.e., Behavioral and Social Sciences, Humanities, Industry and Technology, and Mathematics) experienced a decrease in the number of degrees awarded, ranging from 1% (Industry and Technology) to 21% (Humanities). For ECC degree awards categorized by division and major, see Table 16 of Appendix A.

Although male and female students received awards at a rate relative to their Fall 2010 enrollment, there were gender differences in the types of degrees awarded. The proportion of degrees awarded to female students was slightly larger than their proportion of the Fall 2010 enrollment (57% and 52%, respectively). However, the proportion of A.A. degrees awarded to female students was much greater than their enrollment (63% and 52%, respectively). Male students actually received a larger proportion of A.S. degrees despite having lower enrollment (53% and 48%, respectively). Female students also received a disproportionate amount of A.A.-T degrees (75%), although it is unclear if this speaks more to a gender difference in art/science degree pursuit rather than differences in the intent to transfer. For the distribution of degree types received by males and females, see Table 10 of Appendix A.

Different ethnic groups also appear to be pursuing and/or receiving the various degree types at different rates. Although each ethnic group received degrees at a rate relatively proportional to their 2010 enrollment, the distribution of art and science degrees varies by ethnicity. Nonetheless, Latino students received the largest percentage of A.A. degrees (42%) and A.S. degrees (36%). Asian students received A.S. degrees at a proportionally higher rate than their 2010 enrollment (34% and 17%, respectively). For the proportional rates of degrees awarded across all ethnic groups, see Table 12 of Appendix A.

The majority of degrees awarded by ECC in 2013-14 were received by students of a younger age. Students 20 to 24 received 55% of degrees, while the larger age range of 25 to 49 year-old students received only 41% of degrees. Students aged 20 to 24 received a majority of the A.A. degrees (59%)

and most of the A.A.-T degrees (74%), but A.S. degrees were more evenly distributed. Students aged 25 to 49 and students aged 20 to 24 received similar percentages of A.S. degrees (48%, each). The youngest degree recipient was 17 years of age, and the oldest degree recipient was 70 years of age. For a list of degree awards categorized by age group, see Table 11 of Appendix A.

## El Camino College Certificates

There were 472 certificates awarded at ECC during the 2013-14 academic year, a 21% decrease compared to the previous year. The number of short-term (less than 30 units) certificates decreased by 25% (i.e., 259 certificates compared to 345 certificates in the previous year). The number of long-term (30 units or more) certificates decreased by 16% (i.e., 213 certificates compared to 254 in the previous year). Similar to previous years, more short-term certificates were awarded than long-term certificates, with short-term certificates comprising 55% of the total certificates awarded at ECC.

Compared to the previous year, 2013-14 saw a decrease in the number of certificates awarded by each division. With the exception of Humanities (which increased from 1 to 4) and Mathematics (which saw no change), every division awarded fewer certificates than in the previous year. The most substantial decrease occurred in Industry and Technology, where 81 fewer certificates were awarded than the previous year (a decrease of 26%). For certificate awards categorized by degree and major, see Table 17 of Appendix A.

According to Fall 2010 enrollment, women and men enrolled at ECC at relatively similar rates. The distribution of short-term certificates (52% female; 48% male) closely matches these previous enrollment numbers. However, men received a disproportionate amount of long-term certificates (58%) when compared to their Fall 2010 enrollment.

In terms of ethnicity, students received certificates at rates proportional to their 2010 enrollment, although Latino students received a relatively large proportion of certificates (49%). Among most ethnic groups, awards were almost evenly split between short-term and long-term certificates. However, among Latino students, 40% received long-term certificates and 60% received short-term certificates. For the rates of certificates awarded across all ethnic groups, see Table 8 of Appendix A.

Unlike degree awards, the majority of certificates were received by students in the 25-to-49 age range (56%) rather than students aged 20 to 24 (36%). Students aged 25 to 49 received a majority of the short-term certificates (51%) as well as a majority of the long-term certificates (63%). For a list of certificate awards categorized by age group, see Table 9 of Appendix A.

## El Camino College Initiatives

Despite the decrease in overall awards compared to the previous year, initiative-related award counts continued to increase at ECC. In the 2013-14 academic year, degree award counts increased for each of the initiatives: CTE degrees rose by 7%, STEM degrees rose by 9%, and SEM degrees rose by 10%. Certificate award counts decreased for CTE and STEM: there were 21% fewer CTE certificates and 30% fewer STEM certificates, but no change in the number of SEM certificates awarded in 2013-14.

Although the certificate counts for these initiatives have decreased compared to the past year, both degrees and certificates still show consistent five-year growth. However, CTE programs continue to award the highest number of degrees and certificates among these initiatives.

**Table 3. El Camino College Degrees and Certificates Awarded by Initiative**

Initiative	Award	2009-10*	2010-11*	2011-12*	2012-13	2013-14	5-year Change%
<b>CTE</b>	Degrees	462	475	513	596	635	37%
	Certificates	387	403	481	551	434	12%
<b>STEM</b>	Degrees	73	100	152	272	296	305%
	Certificates	15	20	42	76	53	253%
<b>SEM</b>	Degrees	63	91	140	246	270	329%
	Certificates	2	0	0	2	2	0%

### Career and Technical Education (CTE)

Compared to STEM and SEM, the CTE initiative includes the largest number of possible majors and likewise distributes the largest number of awards to students in these programs. Female students receive a majority of CTE degrees (54%), whereas male students receive a majority of CTE certificates (55%). Although CTE degrees and awards are distributed fairly evenly among male and female students, particular certificate or degree programs are still predominantly awarded to either males (e.g., automotive technology, paramedics) or females (e.g., childhood education, nursing). Comparable to their Fall 2010 enrollment (38%), Latino students received more CTE degrees than other ethnic groups (40%). The distribution of CTE degrees and certificates is relative to the Fall 2010 enrollment of each ethnic group, with the exception that Asian students received proportionally more CTE degrees (27%) and African American students received proportionally fewer CTE degrees (10%). The distribution of CTE certificates is more disproportionate, with Latino students receiving 51% of certificates and other ethnic groups receiving certificates at rates relatively lower than their Fall 2010 enrollment (see Table 14 of Appendix A).

### Science, Technology, Engineering, and Mathematics (STEM)

STEM can be considered the second largest initiative in terms of programs offered. Female students have previously been consistently underrepresented in STEM fields nationwide, and there also appear to be relatively fewer female students in STEM programs at ECC. Male students received a majority of the STEM degrees (62%) and most of the STEM certificates (94%) awarded in the 2013-14 academic year. Asian students received the largest percentage of STEM degrees (38%) and Latino students received a proportion of STEM degrees (33%) comparable to their Fall 2010 enrollment. However, Latino students received the largest percentage of STEM certificates (62%) and Asian students received a proportion of STEM certificates (17%) comparable to their Fall 2010 enrollment.

### Science, Engineering, and Mathematics (SEM)

The distribution of awards for the SEM initiative was fairly similar to that of the STEM initiative, although relatively few SEM certificates were received by students. Male students received a majority

of SEM degrees (60%). Asian students received the largest percentage of SEM degrees (39%), with Latino students receiving a relatively proportional amount of degrees (34%) compared to their Fall 2010 enrollment. However, the two SEM certificates awarded were received by male students who were not identified as Asian or Latino.

## El Camino College Compton Center Overview

For the 2013-14 academic year, the 359 awards distributed by El Camino College Compton Center consisted of 261 degrees and 98 certificates. In other words, 73% of the awards distributed were degrees and 27% of the awards were certificates. This is a similar pattern to the award distribution among Black and Latino students—two of the most represented ethnicities in the student population at ECC Compton Center—whose awards were 70% degrees and 73% degrees, respectively. However, male students and female students were much more dissimilar from this proportion of degrees and certificates received.

In Fall 2010, women enrolled in Compton Center at disproportionately higher rates (64%) compared to men, and they also received awards at higher rates in 2013-14. There were 118 awards distributed to male students: 60% were degrees and 40% were certificates. There were 241 awards distributed to female students: 79% were degrees and 21% were certificates. Compared to their Fall 2010 enrollment (36%), male students received a relatively smaller proportion of the awards in 2013-14 (33%).

For ECC Compton Center, the majority of awards were received by Black and Latino students (combined 92%), which are two of the most represented ethnic groups on the campus (combined Fall 2010 enrollment: 81%). African American students received the largest proportion of A.S. degrees (45%), and the distribution of A.S. degrees across ethnicities resembles the 2010 enrollment profile. Latino students received the majority of A.A. degrees (50%), which was disproportional compared to their 2010 enrollment (37%) but representative compared to their 2013 enrollment (49%). Combined, African American students and Latino students received approximately 97% of the certificates awarded.

Compton Center students occupy a narrower age range than ECC students, but Compton Center also distributes more awards to older and/or nontraditional students.

## ECC Compton Center Degrees

The number of degrees awarded at ECC Compton Center had been steadily increasing over the past five years, but 2013-14 denotes the first overall decrease in degrees awarded for this period. Nevertheless, 2013-14 yielded the second most number of degrees awarded during the past five years. When comparing 2013-14 to the previous year, there has been a 3% increase in A.A. degrees and a 32% decrease in A.S. degrees, but a 20% increase in A.A.-T degrees. The overall 7% decrease in degrees awarded at Compton Center is likely due to the reduction in A.S. degrees being greater than the increase in A.A. degrees. Whereas ECC experienced a continued increase in A.S. degrees (despite a drop in A.A. degrees), Compton Center exhibits a continued increase in A.A. degrees (despite a drop in A.S. degrees).



**Table 4. ECC Compton Center Degree Awards by Type**

Degree Type	2009-10	2010-11	2011-12	2012-13	2013-14	5-year change
<b>A.A.</b>	99	158	161	184	189	91%
<b>A.A.-T</b>	--	--	--	10	12	N/A
<b>A.S.</b>	58	53	69	88	60	3%
<b>Total</b>	157	211	230	282	261	66%

Compared to the previous year, the number of degrees awarded in 2013-14 by each division has remained relatively stable. None of the divisions increased or decreased the number of degrees received by more than a count of ten, although it is noteworthy there were zero Natural Sciences degrees awarded (compared to 9 degrees awarded in the previous year). Conversely, the number of Humanities degrees increased from one to five, but most divisions did not experience remarkable shifts in the number of degrees awarded. The most substantial decrease was perhaps the reduction in Industry and Technology certificates (14, down from 24 in the previous year). For Compton Center degree awards categorized by division and major, see Table 26 of Appendix B.

Although the proportion of total awards received by male and female students was fairly similar to their proportion of enrollment in Fall 2010, there were greater gender differences in the types of degrees awarded. Female students received 73% of the degrees awarded, a relatively larger proportion than their Fall 2010 enrollment (64%). The largest gender disparity was in A.A. degrees awarded (75% female) and the smallest was in certificates awarded (52% female). The distribution of A.S. degrees (35% male; 65% female) was relatively similar to the Fall 2010 enrollment. Like ECC, most of Compton Center's A.A.-T degrees were received by female students (83%), but the data do not clearly indicate whether this is due to a larger proportion of female students in the overall number of A.A. programs or if this is specific to transfer degrees.

Unlike ECC, the majority of degrees awarded at Compton Center were received by students ranging from 25 to 49 years of age (56%) rather than students aged 20 to 24 (38%). Students aged 25 to 49 received 50% of all A.A. degrees as well as a majority of the A.S. degrees (73%). Transfer degrees were evenly divided among the 20-to-24 and 25-to-49 age groups, with both groups receiving 50% of A.A.-T degrees. Interestingly, no degree recipients were under 20 years of age. The youngest degree recipient at Compton Center was 20 years old, and the oldest degree recipient was 60 years old. For a list of degree awards categorized by age group, see Table 23 of Appendix B.

Because the vast majority of degrees were received by Black and Latino students (i.e., both groups received a combined 90% of degrees), and the distribution of these awards by degree type is reported above, further examination of the degrees awarded across various ethnic groups is presented in Table 24 of Appendix B.

## **ECC Compton Center Certificates**

There were 98 certificates awarded at Compton Center during the 2013-14 academic year, the same as the amount awarded in the previous year. The number of short-term certificates awarded increased by

15% (i.e., 83 certificates compared to 72 certificates in the previous year). The number of long-term certificates decreased by 42% (i.e., 15 certificates in 2013-14 compared to 26 certificates in 2012-13).

Compared to the previous year, there were no significant changes in certificates awarded in 2013-14 (e.g., there was no change in the overall number of certificates awarded). This is also true for the certificates awarded by each division at Compton Center. Most notably, the number of Business certificates increased from 4 to 12, but most divisions did not experience a change of more than a few degrees. There were greater fluctuations within specific programs (e.g., Administration of Justice awarded 1 certificate compared to 7 in the previous year, and Machine Tool Technology awarded 7 certificates compared to zero in the previous year). Table 27 of Appendix B lists Compton Center certificates awarded by each division.

Almost all certificates were received by Black and Latino students (i.e., both groups received a combined 97% of certificates), with White students receiving the remaining 3%. Among African American students, 82% of the certificates received were short-term certificates, and among Latino students, 87% of the certificates received were short-term certificates. Analysis of the certificates awarded across various ethnic groups is presented in Table 20 of Appendix B.

Although female students enrolled at Compton Center at a higher rate in Fall 2010 (64%), male students received a relatively large proportion of certificates awarded in 2013-14 (48%). Most of the long-term certificates were received by male students (87%), and male students also received short-term certificates at a relatively higher rate (41%) than their Fall 2010 enrollment (36%).

The majority of certificates were received by students aged 25 to 49 years (51%), and the age groups "20-to-24" and "over 50" each received 24.5% of certificates awarded at Compton Center. Students aged 25 to 49 received the most short-term certificates (53%). Each of the "25-to-49" and "over 50" age groups received 40% of long-term certificates, and the "20-to-24" age group received the remaining 20%. Despite the lower maximum age of students at Compton Center (compared to ECC), there were relatively more degrees and certificates awarded to older students at the campus. For a list of certificate awards categorized by age group, see Table 21 of Appendix B.

## ECC Compton Center Initiatives

Unlike ECC, Compton Center experienced a decrease in the number of initiative-related awards distributed during the 2013-14 academic year. Compared to the previous year, there were 15 fewer CTE degrees, 14 fewer STEM degrees, and 13 fewer SEM degrees awarded in 2013-14. In terms of percentages, this means there were 14% fewer CTE degrees, 88% fewer STEM degrees, and 93% fewer SEM degrees. There were two more CTE certificates awarded, three fewer STEM certificates awarded, and no change in the number of SEM certificates awarded. This translates to a 2% increase in CTE certificates and a 30% decrease in STEM certificates. Despite the overall reduction in initiative-related awards compared to the previous year, Compton Center is still exhibiting five-year growth, at least in terms of the CTE initiative.

**Table 5. ECC Compton Center Degrees and Certificates Awarded by Initiative**

Initiative	Award	2009-10*	2010-11*	2011-12*	2012-13	2013-14	5-year Change%
<b>CTE</b>	Degrees	81	88	95	106	91	12%
	Certificates	77	50	102	89	91	18%
<b>STEM</b>	Degrees	2	2	4	16	2	0%
	Certificates	1	1	1	10	7	600%
<b>SEM</b>	Degrees	2	2	3	14	1	-50%
	Certificates	0	0	0	0	0	--

### Career and Technical Education (CTE)

Like ECC, the CTE initiative at Compton Center distributes the largest number of awards when compared to the other initiatives. Female students received a majority of CTE degrees (74%) as well as a majority of CTE certificates (56%), although female students were also a majority of the Fall 2010 enrollment rate (64%). Black and Latino students received most of the CTE degrees (combined 84%) as well as most of the CTE certificates (combined 97%). African American students received relatively more CTE degrees (46%) and CTE certificates (52%) than Latino students received; however, this distribution was proportional compared to each ethnic group’s Fall 2010 enrollment.

### Science, Technology, Engineering, and Mathematics (STEM)

Female students were not represented well in the degrees or certificates awarded to STEM majors in 2013-14. In fact, 100% of the STEM awards were received by male students. 100% of the STEM award recipients also identified as Latino.

### Science, Engineering, and Mathematics (SEM)

There was only one SEM award distributed in 2013-14, and in the interest of preserving student anonymity, demographic information for this award is not currently reported.

## Conclusion

The reported data highlight particular patterns in the degrees and certificates awarded at El Camino College and El Camino College Compton Center. Compared to the previous year, award counts have fallen at both locations. However, 2012-13 appears to have been a peak year with record numbers of award counts, and it was also the first year in which data were reported from a different source than Management Information Systems (MIS). Nevertheless, 2013-14 yielded the second-highest number of award counts, and both locations exhibit substantial five-year growth. Neither location has fallen below institution-set standards, and with continued increases, both locations should be capable of meeting their established goals by the 2019-20 academic year. The following years will more clearly indicate to what degree the decreases in 2013-14 may be attributed to external factors affecting enrollment and completion patterns, as well as the internal efforts to promote strategic initiatives that might insulate El Camino College from decreases in student achievement.

## Appendix A – El Camino College Award Data

Figure 2. El Camino College Growth Trends in Degrees and Certificates

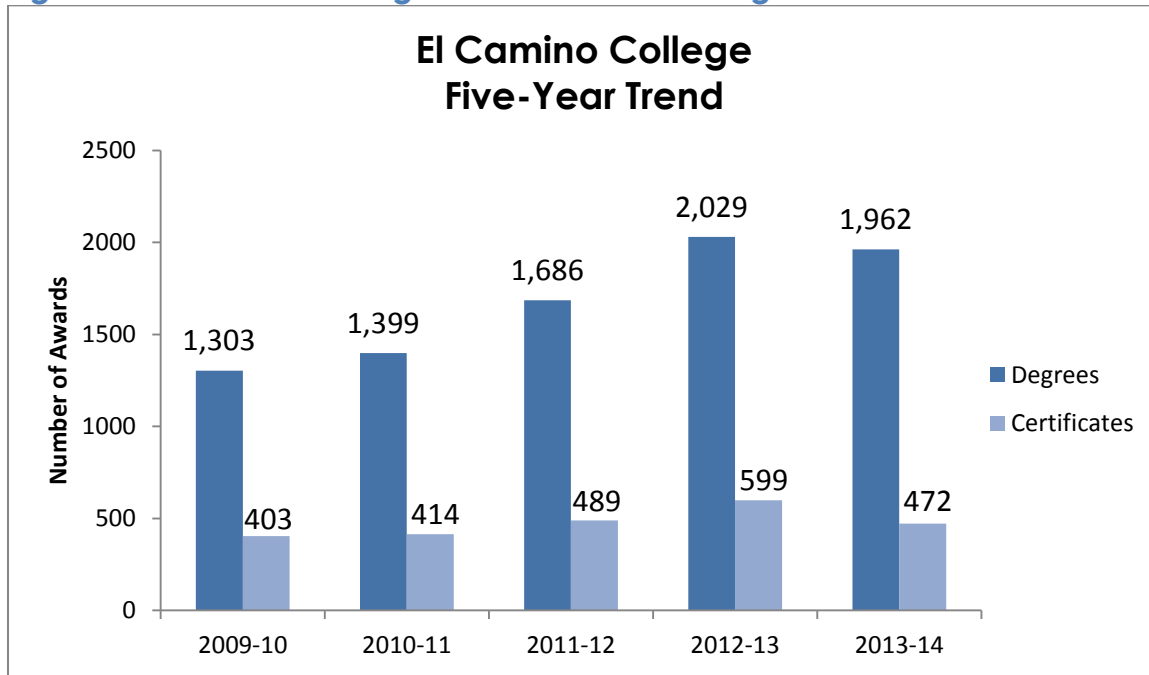


Table 6. ECC Transfer Degrees by Major, 2013-14 Academic Year

Program	2012-13	2013-14	% Change
Communication Studies (for Transfer)	17	29	70.6%
Psychology (for Transfer)	31	37	19.4%
Sociology (for Transfer)	31	52	67.7%
<b>Total AA-T Degrees</b>	<b>79</b>	<b>118</b>	<b>49.4%</b>

Table 7. ECC Degrees and Certificates by Gender, 2013-14 Academic Year

Source	Award Type	Males		Females		Total
		n	%	n	%	
El Camino College	Degrees	841	42.9%	1,121	57.1%	1,962
	Certificates	249	52.8%	223	47.2%	472
<b>Fall 2010 Enrollment</b>		<b>11,980</b>	<b>48.4%</b>	<b>12,776</b>	<b>51.6%</b>	<b>24,775</b>

**Table 8. ECC Degrees and Certificates by Ethnic Group, 2013-14 Academic Year**

Ethnic Group	El Camino College				Fall 2010 Enrollment	
	Degrees		Certificates		n	%
	n	%	n	%		
Asian	491	25.0%	60	12.7%	4,235	17.1%
African American	210	10.7%	54	11.4%	4,241	17.1%
Latino	791	40.3%	232	49.2%	9,279	37.5%
Native American	<10	<1%	<10	<1%	82	<1%
Pacific Islander	<10	<1%	<10	<1%	177	<1%
White	348	17.7%	86	18.2%	4,641	18.7%
Multi-ethnic	58	3.0%	20	4.2%	688	2.8%
Unknown	52	2.7%	15	3.2%	1,432	5.8%
<b>Total</b>	<b>1,962</b>		<b>472</b>		<b>24,775</b>	

\*To preserve student anonymity, some frequency information is not reported in this table.

**Table 9. ECC Degrees and Certificates by Age Group, 2013-14 Academic Year**

Source	Award Type	Under 20		20 to 24		25 to 49		Over 50		Total
		n	%	n	%	n	%	n	%	
El Camino College	Degrees	18	0.9%	1,087	55.4%	813	41.4%	44	2.2%	1,962
	Certificates	<10	--	168	35.6%	266	56.4%	35	7.4%	472
<b>Fall 2010 Enrollment</b>		<b>7,194</b>	<b>29.0%</b>	<b>9,074</b>	<b>36.6%</b>	<b>7,222</b>	<b>29.2%</b>	<b>1,284</b>	<b>5.2%</b>	<b>24,775</b>

\*To preserve student anonymity, some frequency information is not reported in this table.

**Table 10. ECC Degree Types by Gender, 2013-14 Academic Year**

Degree Type	Males		Females		Total
	n	%	n	%	
A.A.	389	37.3%	655	62.7%	1,044
A.A.-T	30	25.4%	88	74.6%	118
A.S.	422	52.8%	378	47.2%	800
<b>Total</b>	<b>841</b>	<b>42.9%</b>	<b>1121</b>	<b>57.1%</b>	<b>1,962</b>

**Table 11. ECC Degree Types by Age Group, 2013-14 Academic Year**

Degree Type	Under 20		20 to 24		25 to 49		Over 50		Total
	n	%	n	%	n	%	n	%	
A.A.	<10	--	620	59.4%	399	38.2%	19	1.8%	1,044
A.A.-T	0	0	87	73.7%	29	24.6%	<10	--	118
A.S.	12	1.5%	380	47.5%	385	48.1%	23	2.9%	800
<b>Total</b>	<b>18</b>	<b>0.9%</b>	<b>1,087</b>	<b>55.4%</b>	<b>813</b>	<b>41.4%</b>	<b>44</b>	<b>2.2%</b>	<b>1,962</b>

\*To preserve student anonymity, some frequency information is not reported in this table.

**Table 12. ECC Degree Types by Ethnic Group, 2013-14 Academic Year**

Ethnic Group	El Camino College						Total Associate Degrees	
	A.A.		A.A.-T		A.S.		n	%
	n	%	n	%	n	%		
<b>Asian</b>	210	20.1%	13	11.0%	268	33.5%	491	25.0%
<b>African American</b>	130	12.4%	13	11.0%	67	8.4%	210	10.7%
<b>Latino</b>	436	41.8%	70	59.3%	285	35.6%	791	40.3%
<b>Native Amer.</b>	<10	<1%	0	0%	<10	<1%	<10	<1%
<b>Pacific Isl.</b>	<10	<1%	<10	<1%	<10	<1%	<10	<1%
<b>White</b>	193	18.5%	18	15.3%	137	17.1%	348	17.7%
<b>Multi-ethnic</b>	36	3.4%	<10	<1%	20	2.5%	58	3.0%
<b>Unknown</b>	33	3.2%	<10	<1%	18	2.3%	52	2.7%
<b>Total</b>	1,044		118		800		1,962	

\*To preserve student anonymity, some frequency information is not reported in this table.

**Table 13. ECC Initiatives by Gender, 2013-14 Academic Year**

Initiative	Award Type	Males		Females		Total
		n	%	n	%	
<b>CTE</b>	Degrees	291	45.8%	344	54.2%	635
	Certificates	235	54.7%	195	45.3%	430
<b>STEM</b>	Degrees	184	62.4%	111	37.6%	295
	Certificates	50	94.3%	3	5.7%	53
<b>SEM</b>	Degrees	160	59.5%	109	40.5%	269
	Certificates	2	100%	0	0%	2

**Table 14. ECC Initiatives by Ethnic Group, 2013-14 Academic Year**

Ethnic Group	CTE				STEM				SEM			
	Degrees		Certificates		Degrees		Certificates		Degrees		Certificate s	
	n	%	n	%	n	%	n	%	n	%		
<b>Asian</b>	169	26.6%	54	12.4%	112	37.8%	<10	<20%	104	38.5%	--	
<b>African American</b>	61	9.6%	49	11.3%	23	7.8%	<10	<5%	23	8.5%	--	
<b>Latino</b>	251	39.5%	219	50.3%	99	33.4%	33	62.3%	91	33.7%	--	
<b>Native Amer.</b>	<10	<1%	<10	<1%	0	0%	<10	<5%	0	0%	--	
<b>Pacific Islander</b>	<10	<1%	<10	<1%	0	0%	<10	<5%	0	0%	--	
<b>White</b>	121	19.1%	73	16.8%	46	15.5%	<10	<15%	37	13.7%	--	
<b>Multi-ethnic</b>	10	1.6%	20	4.6%	12	4.1%	0	0%	11	4.1%	--	
<b>Unknown</b>	17	2.7%	15	3.4%	<10	--	0	0%	<10	--	--	
<b>Total</b>	635		435		296		53		270		2	

\*To preserve student anonymity, some frequency information is not reported in this table (e.g., SEM certificates awarded).

**Table 15. ECC Initiatives by Age Group, 2013-14 Academic Year**

Initiative	Award Type	Under 20		20 to 24		25 to 49		Over 50		Total
		n	%	n	%	n	%	n	%	
CTE	Degrees	0	0%	238	37.5%	369	58.1%	28	4.4%	635
	Certificates	<10	--	149	34.2%	251	57.6%	33	7.6%	436
STEM	Degrees	12	4.1%	189	63.9%	90	30.4%	<10	--	296
	Certificates	<10	<10%	12	22.6%	31	58.5%	<10	<10%	53
SEM	Degrees	12	4.4%	184	68.1%	73	27.0%	<10	--	270
	Certificates	0	0%	<10	--	<10	--	0	0%	2

\*To preserve student anonymity, some frequency information is not reported in this table.

**Table 16. ECC Degrees Awarded by Division and Major**

Division	Major	2009-10	2010-11	2011-12	2012-13	2013-14	5-year change
Behavioral and Social Sciences	Anthropology	3	5	3	13	8	
	Childhood Education	24	38	39	40	44	
	Economics	38	25	24	44	25	
	Ethnic Studies	0	0	0	1	0	
	History	14	7	11	15	7	
	Liberal Studies	53	43	43	20	21	
	Philosophy	2	0	1	1	1	
	Political Science	2	7	2	8	8	
	Psychology	17	15	17	51	41	
	Sociology	38	34	46	43	61	
Transfer Studies	86	48	35	3	1		
<b>Total Behavioral and Social Sciences</b>		<b>191</b>	<b>174</b>	<b>221</b>	<b>239</b>	<b>217</b>	<b>13.6%</b>
Business	Accounting	11	9	12	14	17	
	Business Administration	121	134	137	158	166	
	Business Management	20	19	22	21	30	
	Computer Information Systems	7	13	10	14	13	
	Marketing	6	3	7	9	15	
	Office Administration	2	3	11	2	5	
	Paralegal Studies	12	15	15	21	13	
Real Estate	4	2	1	6	4		
<b>Total Business</b>		<b>183</b>	<b>198</b>	<b>215</b>	<b>245</b>	<b>263</b>	<b>43.7%</b>

Fine Arts	Art (Various Majors)	37	26	22	37	46	
	Communication Studies	8	5	9	22	29	
	Dance	2	2	1	2	0	
	Film/Video	8	8	13	11	10	
	Music	6	6	9	6	5	
	Photography	8	7	8	4	3	
	Theatre	4	2	3	3		
<b>Total Fine Arts</b>		<b>73</b>	<b>56</b>	<b>65</b>	<b>85</b>	<b>93</b>	<b>27.4%</b>
Health Sciences and Athletics	Lab Technician (Medical)	0	0	0	0	1	
	Nursing	107	59	63	89	95	
	Physical Education	1	1	2	5	5	
	Pre-Dentistry or Pre-Medicine	12	28	19	1	0	
	Pre-Nursing	0	0	0	16	29	
	Radiologic Tech	15	9	15	18	20	
	Recreation	0	0	1	0	0	
	Respiratory Care	21	19	16	16	18	
Sign Language/Interp. Training	9	13	13	7	9		
<b>Total Health Sciences and Athletics</b>		<b>165</b>	<b>129</b>	<b>129</b>	<b>152</b>	<b>177</b>	<b>7.3%</b>
Humanities	English	22	24	35	45	38	
	French	4	2	5	6	7	
	Japanese	5	0	7	10	6	
	Journalism	0	5	2	3	2	
	Spanish	2	6	7	11	6	
<b>Total Humanities</b>		<b>33</b>	<b>37</b>	<b>56</b>	<b>75</b>	<b>59</b>	<b>78.8%</b>
General Studies (Behavioral and Social Sciences)	General Studies	188	77	58	28	12	
	Arts and Humanities	91	154	218	252	213	
	Biological and Physical Sciences	23	74	145	133	136	
	Communication Studies	11	17	2	7	1	
	Culture and Communication	0	14	30	52	48	
	Fine and Applied Arts	7	14	21	21	20	
	Kinesiology and Wellness	0	2	13	22	22	
	Social and Behavioral Sciences	95	194	244	331	293	
<b>Total General Studies</b>		<b>415</b>	<b>546</b>	<b>731</b>	<b>846</b>	<b>745</b>	<b>79.5%</b>



Industry and Technology	Administration of Justice	22	34	32	36	34	
	Air Conditioning & Refrig.	9	4	15	4	4	
	Architecture	4	22	16	13	10	
	Auto. Collision Repair/Painting	0	2	5	2	2	
	Automotive Technology	8	8	6	6	8	
	Computer Aided Design/Drafting	5	2	6	3	4	
	Construction Technology	4	7	1	3	4	
	Cosmetology	6	1	2	4	4	
	Electronics/CPU Hardware Technician	4	5	1	12	11	
	Fashion	4	4	2	11	12	
	Fire & Emergency Technology	22	26	38	32	31	
	Industrial Technology	1	1	0	2	0	
	Machine Tool Technology	1	1	4	3	11	
	Manufacturing Technology	0	1	1	5	0	
	Welding	4	2	0	4	3	
<b>Total Industry and Technology</b>		<b>94</b>	<b>120</b>	<b>129</b>	<b>140</b>	<b>138</b>	<b>46.8%</b>
Mathematics	Computer Science	1	5	2	7	9	
	Mathematics	9	31	38	66	49	
	Pre-Engineering	11	12	22	29	29	
<b>Total Mathematics</b>		<b>21</b>	<b>48</b>	<b>62</b>	<b>102</b>	<b>87</b>	<b>314%</b>
Natural Sciences	Biology	8	13	12	18	27	
	Chemistry	4	4	13	21	14	
	Environmental Horticulture	3	0	0	0	4	
	General Science	20	20	28	47	54	
	Geography	1	0	1	1	1	
	Physical Science	1	3	10	35	57	
	Physics	5	3	14	23	26	
<b>Total Natural Sciences</b>		<b>42</b>	<b>43</b>	<b>78</b>	<b>145</b>	<b>183</b>	<b>336%</b>
<b>All Degrees Awarded</b>		<b>1,217</b>	<b>1,351</b>	<b>1,686</b>	<b>2,029</b>	<b>1,962</b>	<b>61.2%</b>

Source: CCC Chancellor's Office; El Camino College Admissions & Records

**Table 17. ECC Certificates Awarded by Division and Major**

Division	Major	2009-10	2010-11	2011-12	2012-13	2013-14	5-year change
Behavioral and Social	Childhood Education	34	78	99	88	80	
	Transfer Studies	0	0	0	44	28	
<b>Total Behavioral and Social Sciences</b>		<b>34</b>	<b>78</b>	<b>99</b>	<b>132</b>	<b>108</b>	<b>218%</b>

<b>Business</b>	Accounting	12	13	16	11	6	
	Business Management	9	11	8	19	13	
	Computer Information Systems	1	2	0	0	2	
	Marketing	10	7	10	15	8	
	Office Administration	8	5	7	1	1	
	Paralegal Studies	15	25	27	26	22	
	Real Estate	3	2	1	5	6	
<b>Total Business</b>		<b>58</b>	<b>65</b>	<b>69</b>	<b>77</b>	<b>58</b>	<b>0%</b>
<b>Fine Arts</b>	Art (Various Majors)	1	2	2	4	2	
	Digital Arts	5	6	2	0	4	
	Film/Video	5	5	3	6	1	
	Music	0	0	0	1	0	
	Photography	1	3	4	0	0	
<b>Total Fine Arts</b>		<b>12</b>	<b>16</b>	<b>11</b>	<b>11</b>	<b>7</b>	<b>-41.7%</b>
<b>Health Sciences and Athletics</b>	Radiologic Tech	15	11	9	8	3	
	Respiratory Care	20	19	16	16	16	
	Sign Language/Interp. Training	15	16	14	8	12	
<b>Total Health Sciences and Athletics</b>		<b>50</b>	<b>46</b>	<b>39</b>	<b>32</b>	<b>31</b>	<b>-38.0%</b>
<b>Humanities</b>	Journalism	0	4	2	1	3	
	English	0	0	0	0	1	
<b>Total Humanities</b>		<b>0</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>N/A</b>
<b>Industry and Technology</b>	Administration of Justice	9	19	10	13	10	
	Air Conditioning & Refrigeration	41	52	54	50	54	
	Architecture	2	15	13	10	8	
	Auto. Collision Repair/Painting	6	13	11	8	9	
	Automotive Technology	15	14	27	58	43	
	Computer Aided Design/Drafting	3	4	5	2	6	
	Construction Technology	7	4	8	3	5	
	Cosmetology	50	28	49	43	36	
	Electronics/CPU Hardware Tech	1	10	3	8	6	
	Fashion	1	2	2	18	8	
	Fire & Emergency Technology	26	5	27	9	7	
	Fire & Emergency Tech. (Paramedic Tech)	67	28	24	83	25	
	Machine Tool Technology	3	6	30	13	37	
	Manufacturing Technology			2	22	1	
Welding	10	5	2	1	5		
<b>Total Industry and Technology</b>		<b>241</b>	<b>205</b>	<b>267</b>	<b>341</b>	<b>260</b>	<b>7.8%</b>
<b>Mathematics</b>	Computer Science	2	0	0	2	2	
<b>Total Mathematics</b>		<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0%</b>
<b>Natural Sciences</b>	Environmental Horticulture	6	0	2	3	1	
<b>Total Natural Sciences</b>		<b>6</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>-83.3%</b>
<b>All Certificates Awarded</b>		<b>403</b>	<b>414</b>	<b>489</b>	<b>599</b>	<b>471</b>	<b>16.9%</b>

Source: CCC Chancellor's Office; El Camino College Admissions & Records

## Appendix B – El Camino College Compton Center Award Data

Figure 3. ECC Compton Center Growth Trends in Degrees and Certificates

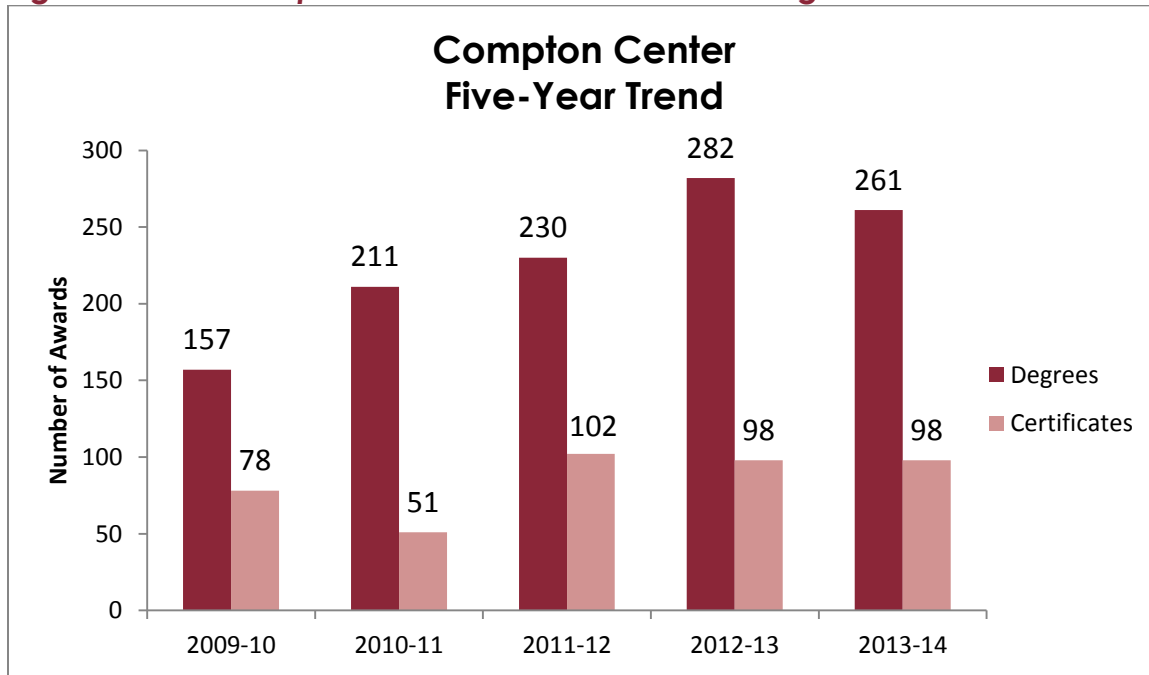


Table 18. ECC Compton Center Transfer Degrees by Major, 2013-14 Academic Year

Program	2012-13	2013-14	% Change
Communication Studies (for Transfer)	0	2	N/A
Psychology (for Transfer)	3	4	33.3%
Sociology (for Transfer)	7	6	-14.3%
<b>Total AA-T Degrees</b>	<b>10</b>	<b>12</b>	<b>20.0%</b>

Table 19. ECC Compton Center Degrees and Certificates by Gender, 2013-14

Source	Award Type	Males		Females		Total
		n	%	n	%	
Compton Center	Degrees	71	27.2%	190	72.8%	261
	Certificates	47	48.0%	51	52.0%	98
<b>Fall 2010 Enrollment</b>		<b>3,144</b>	<b>36.0%</b>	<b>5,585</b>	<b>63.9%</b>	<b>8,734</b>

**Table 20. ECC Compton Center Degrees and Certificates by Ethnic Group, 2013-14**

Ethnic Group	El Camino College				Fall 2010 Enrollment	
	Degrees		Certificates		n	%
	n	%	n	%		
<b>Asian</b>	<10	<5%	0	0%	643	7.4%
<b>Black</b>	114	43.7%	50	51.0%	3,889	44.5%
<b>Latino</b>	122	46.7%	45	45.9%	3,196	36.6%
<b>Native American</b>	<10	<1%	0	0%	12	0.1%
<b>Pacific Islander</b>	<10	<1%	0	0%	91	1.0%
<b>White</b>	<10	<5%	<10	--	422	4.8%
<b>Multi-ethnic</b>	<10	<5%	0	0%	220	2.5%
<b>Unknown</b>	<10	<5%	0	0%	261	3.0%
<b>Total</b>	261		98		8,734	

\*To preserve student anonymity, some frequency information is not reported in this table.

**Table 21. ECC Compton Center Degrees and Certificates by Age Group, 2013-14**

Source	Award Type	Under 20		20 to 24		25 to 49		Over 50		Total
		n	%	n	%	n	%	n	%	
<b>Compton Center</b>	Degrees	0	0%	99	37.9%	145	55.6%	17	6.5%	261
	Certificates	0	0%	24	24.5%	50	51.0%	24	24.5%	98
<b>Fall 2010 Enrollment</b>		2,435	27.9%	2,704	31.0%	3,233	37.0%	362	4.1%	8,734

**Table 22. ECC Compton Center Degree Types by Gender, 2013-14**

Degree Type	Males		Females		Total
	n	%	n	%	
<b>A.A.</b>	48	25.4%	141	74.6%	189
<b>A.A.-T</b>	2	16.7%	10	83.3%	12
<b>A.S.</b>	21	35.0%	39	65.0%	60
<b>Total</b>	71	27.2%	190	72.8%	261

**Table 23. ECC Compton Center Degree Types by Age Group, 2013-14**

Degree Type	Under 20		20 to 24		25 to 49		Over 50		Total
	n	%	n	%	n	%	n	%	
<b>A.A.</b>	0	--	81	42.9%	95	50.3%	13	6.9%	189
<b>A.A.-T</b>	0	--	<10	--	<10	--	0	--	12
<b>A.S.</b>	0	--	12	20.0%	44	73.3%	<10	--	60
<b>Total</b>	0	--	99	37.9%	145	55.6%	17	6.5%	261

\*To preserve student anonymity, some frequency information is not reported in this table.

**Table 24. ECC Compton Center Degree Types by Ethnic Group, 2013-14**

Ethnic Group	El Camino College						Total Associate Degrees	
	A.A.		A.A.-T		A.S.		n	%
	n	%	n	%	n	%		
Asian	<10	<5%	0	0%	<10	<10%	<10	<5%
Black	83	43.9%	<10	--	27	45.0%	114	43.7%
Latino	95	50.3%	<10	--	20	33.3%	122	46.7%
Native Amer.	<10	<1%	0	0%	0	0%	<10	<1%
Pacific Isl.	0	0%	0	0%	<10	<5%	<10	<1%
White	<10	<5%	0	0%	<10	<15%	<10	<5%
Multi-ethnic	<10	<5%	<10	--	0	0%	<10	<5%
Unknown	<10	<5%	0	0%	<10	<5%	<10	<5%
<b>Total</b>	<b>189</b>		<b>12</b>		<b>60</b>		<b>261</b>	

\*To preserve student anonymity, some frequency information is not reported in this table.

**Table 25. ECC Compton Center Initiatives by Gender, 2013-14**

Initiative	Award Type	Males		Females		Total
		n	%	n	%	
CTE	Degrees	24	26.4%	67	73.6%	91
	Certificates	40	44.0%	51	56.0%	91
STEM	Degrees	2	100%	0	0%	2
	Certificates	7	100%	0	0%	7
SEM	Degrees	1	100%	0	0%	1
	Certificates	0	100%	0	0%	0

**Table 26. ECC Compton Center Degrees Awarded by Division and Major**

Division	Major	2009-10	2010-11	2011-12	2012-13	2013-14	5-year change
Behavioral and Social Sciences	Anthropology	1	0	0	0	1	
	Childhood Education	23	29	19	14	19	
	Ethnic Studies	0	0	0	0	1	
	History	0	1	0	1	0	
	Liberal Studies	4	6	7	6	3	
	Political Science	1	3	0	1	1	
	Psychology	2	1	4	4	6	
	Sociology	1	10	15	10	12	
	Transfer Studies	1	6	2	1	0	
<b>Total Behavioral and Social Sciences</b>		<b>33</b>	<b>56</b>	<b>47</b>	<b>37</b>	<b>43</b>	<b>30.3%</b>

<b>Business</b>	Accounting	0	0	0	1	1	
	Business Administration	0	0	0	17	11	
	Business Management	5	14	12	3	6	
	Computer Information Systems	0	1	1	1	0	
	Marketing	0	0	2	0	1	
	Office Administration	0	0	1	0	0	
	Real Estate	0	1	2	1	2	
<b>Total Business</b>		<b>5</b>	<b>16</b>	<b>18</b>	<b>23</b>	<b>21</b>	<b>320%</b>
<b>Fine Arts</b>	Art (Various Majors)	0	0	0	2	0	
	Dance	0	1	1	0	0	
	Film/Video	0	0	1	0	1	
<b>Total Fine Arts</b>		<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>N/A</b>
<b>Health Sciences and Athletics</b>	Nursing	47	30	45	45	33	
	Physical Education	0	1	1	0	0	
	Pre-Nursing	0	0	0	1	2	
	Respiratory Care	1	0	0	0	0	
	Sign Language/Interp. Training	0	1	0	1	1	
<b>Total Health Sciences and Athletics</b>		<b>48</b>	<b>32</b>	<b>46</b>	<b>47</b>	<b>36</b>	<b>-25.0%</b>
<b>Humanities</b>	English	0	0	1	0	2	
	French	0	0	0	0	1	
	Spanish	1	0	1	1	2	
<b>Total Humanities</b>		<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>400%</b>
<b>General Studies (Behavioral and Social Sciences)</b>	General Studies	43	33	17	10	4	
	Arts and Humanities	12	28	44	55	42	
	Biological and Physical Sciences	0	8	9	13	26	
	Communication Studies	0	0	0	1	2	
	Culture and Communication	0	0	0	1	1	
	Fine and Applied Arts	0	0	0	2	1	
	Kinesiology and Wellness	0	0	0	2	5	
	Social and Behavioral Sciences	8	23	30	52	59	
<b>Total General Studies</b>		<b>63</b>	<b>92</b>	<b>100</b>	<b>136</b>	<b>140</b>	<b>122%</b>
<b>Industry and Technology</b>	Administration of Justice	3	6	7	16	9	
	Air Conditioning & Refrig.	0	0	1	1	0	
	Auto. Collision Repair/Painting	0	1	0	0	1	
	Automotive Technology	0	1	1	0	1	
	Construction Technology	0	0	0	0	1	
	Cosmetology	0	1	0	0	0	
	Fire & Emergency Technology (Paramedic Tech)	1	2	0	0	0	
	Fire & Emergency Technology	0	0	0	3	0	
	Machine Tool Technology	0	0	1	1	1	
	Pre-Engineering	0	0	0	2	0	
	Welding	1	1	2	1	1	
	<b>Total Industry and Technology</b>		<b>5</b>	<b>12</b>	<b>12</b>	<b>24</b>	<b>14</b>

<b>Mathematics</b>	Mathematics	0	0	0	3	1	
<b>Total Mathematics</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>N/A</b>
<b>Natural Sciences</b>	Biology	0	0	0	1	0	
	Chemistry	0	0	0	2	0	
	General Science	0	1	1	1	0	
	Physical Science	0	0	0	3	0	
	Physics	0	0	0	2	0	
	Pre-Dentistry or Pre-Medicine	2	1	2	0	0	
<b>Total Natural Sciences</b>		<b>2</b>	<b>2</b>	<b>3</b>	<b>9</b>	<b>0</b>	<b>N/A</b>
<b>All Degrees Awarded</b>		<b>157</b>	<b>211</b>	<b>230</b>	<b>282</b>	<b>261</b>	<b>66.2%</b>

Source: CCC Chancellor's Office; El Camino College Admissions & Records. Majors with no awards in the previous five years are not shown.

**Table 27. ECC Compton Center Certificates Awarded by Division and Major**

<b>Division</b>	<b>Major</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>5-year change</b>
<b>Behavioral and Social</b>	Childhood Education	53	24	41	40	40	
	Transfer Studies	0	0	0	5	2	
<b>Total Behavioral and Social Sciences</b>		<b>53</b>	<b>24</b>	<b>41</b>	<b>45</b>	<b>42</b>	<b>20.7%</b>
<b>Business</b>	Accounting	1	0	0	3	1	
	Business Administration	1	0	0	0	0	
	Business Management	0	0	4	0	5	
	Marketing	1	1	2	0	2	
	Office Administration	5	0	1	0	2	
	Paralegal Studies	0	0	0	0	1	
	Real Estate	1	0	2	1	1	
<b>Total Business</b>		<b>9</b>	<b>1</b>	<b>9</b>	<b>4</b>	<b>12</b>	<b>33.3%</b>
<b>Fine Arts</b>	Film/Video	0	0	0	2	1	
	Music	1	1	0	4	5	
<b>Total Fine Arts</b>		<b>1</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>500%</b>
<b>Health Sciences</b>	Respiratory Care	1	0	0	0	0	
	Sign Language/Interp. Training	1	0	0	1	0	
<b>Total Health Sciences and Athletics</b>		<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>N/A</b>
<b>Industry and Technology</b>	Administration of Justice	0	4	5	7	1	
	Air Conditioning & Refrig.	0	12	1	10	12	
	Architecture	1	0	0	1	0	
	Auto. Collision Repair/Painting	0	1	1	2	5	
	Automotive Technology	2	5	7	14	10	
	Cabinet & Fine Woodworking	0	0	0	0	1	
	CPU Aided Design/Drafting	0	1	0	0	0	
	Cosmetology	0	0	31	3	0	
	Fire & Emergency Technology	0	0	1	0	1	
	Machine Tool Technology	1	0	1	0	7	
	Welding	9	2	5	5	1	
<b>Total Industry and Technology</b>		<b>13</b>	<b>25</b>	<b>52</b>	<b>42</b>	<b>38</b>	<b>192%</b>
<b>All Certificates Awarded</b>		<b>78</b>	<b>51</b>	<b>102</b>	<b>98</b>	<b>98</b>	<b>25.6%</b>

Source: CCC Chancellor's Office; El Camino College Admissions & Records. Majors/divisions with no awards in the previous five years are not shown.