

**El Camino College
Degrees and Certificates Awarded
Recent Trends**

This report examines a four-year trend in degrees and certificates awarded at El Camino College. A three-year trend is provided for Compton Community Educational Center.

**Table 1
El Camino College
Degrees and Certificates Awarded
Four-Year Trend**

Location	Award Type	2005-06	2006-07	2007-08	2008-09	1-yr growth
Main/Torrance	Degrees	1,227	1,106	1,133	1,140	1%
	Certificates	239	347	370	445	20%
Compton Center	Degrees	*	156	106	150	42%
	Certificates	*	12	29	27	-7%

* Not awarded through El Camino College.

DEGREES – Main Campus

Since 2005-06, the number of degrees awarded at El Camino College has experienced some fluctuation and an overall 4-year decline. This is not surprising given the notable decline in enrollments between 2004-05 and 2006-07. However, the rate of decline among degrees was not as dramatic as these recent enrollment declines, partly due to more consistent enrollments among traditional degree-seeking students. Overall, degrees awarded declined during the period by 7%, while enrollments between 2002 and 2006 declined by 25% (percentages not shown in table). Degree counts increased slightly over the past 2 years.

All divisions experienced declines in degrees awarded with the exception of Health Sciences and Athletics which showed an increase mostly due to a jump in Nursing degrees last year (Table 2).

DEGREES – Compton Center

Degrees awarded to Compton Center students increased dramatically between 2007-08 and 2008-09, returning the Center to the higher number of degrees awarded in 2006-07. Three-year degree growth was experienced in the Business and Health Sciences and Athletics divisions, especially in Nursing (Table 4).

CERTIFICATES

There were a variety of changes made to community college certificates beginning in 2008-09 due to changes in Title 5 regulations. For El Camino College, regulation changes involved

renaming certificates from *competence* and *completion*¹ to *achievement* and *accomplishment*. Generally, certificates of achievement are those of 18 units or more, appear on a student's transcript and are approved by the Chancellor's Office. In addition, the new regulations provided for the creation of lower-unit (12-17.5) certificates of achievement with approval of the Chancellor's Office. Certificates of accomplishment are those that are less than 18 units, not Chancellor's Office approved and will not appear on a student's transcript.

One major impact of the new certificate scheme is that students are permitted to receive multiple certificates in one program with different areas of emphasis. With some programs electing this option, the number of certificates offered at ECC grew from 78 to 95 in 2008-09 with a few additions expected for 2009-10. A grade point average (GPA) of 2.0 is required for all certificates, with Honors and High Honors certificates of achievement awarded for minimum GPAs of 3.0 and 3.5, respectively. For the purposes of this report, all certificates are treated equally.

Main Campus Certificates

Although enrollment declined during the period, specifically among working adults, certificate awards grew continuously through the period, with a one-year jump of 20% last year (Table 3). Only this last year's growth can be attributed to changes in certificate offerings. Industry and Technology expanded certificate offerings in several areas and showed a growth of 42% over the previous year.

Compton Center Certificates

While certificates awarded at Compton Center remained much higher than the low point of 2006-07, the count dipped slightly from 2007-08 (Table 5) and still remains very low as a percentage of enrollment. One area of certificate growth was in Business with 6 certificates awarded in 2008-09, up from 0 and 1 in previous years.

CONCLUSION

A drop in ECC degrees awarded was likely this year due to enrollment declines in recent years. Many programs did experience declines. However, overall degrees awarded have grown since a 2005-06 low. This is likely due to more consistent enrollment by traditional college-aged students and strong growth in a limited number of majors such as Accounting and Nursing. Certificates experienced strong growth during the period despite declines among working adults who make up more than half of all certificate recipients (see *Research Brief #5: Degrees and Certificates by Age Group* for more information). The dramatic growth in 2008-09 is partially due to the expansion of certificate offerings.

Compton Center degrees and certificates are growing slowly over time but not necessarily in a linear fashion. It may be too soon after the beginning of the partnership with El Camino College to see large numbers of students moving through to degrees and higher-unit certificates. Future years should begin to show strong continuous growth in Compton awards.

¹ *Competence* and *completion* are now reserved for special noncredit certificates (not awarded at ECC).

**Charts 1 and 2:
Recent Growth Trends in Degrees and Certificates**

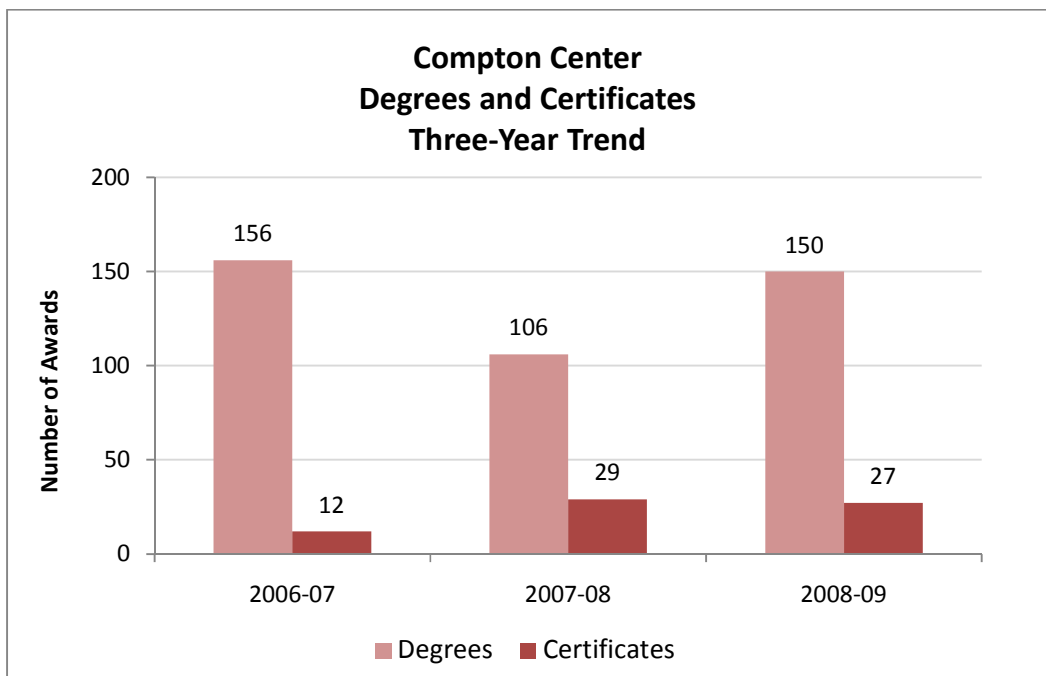
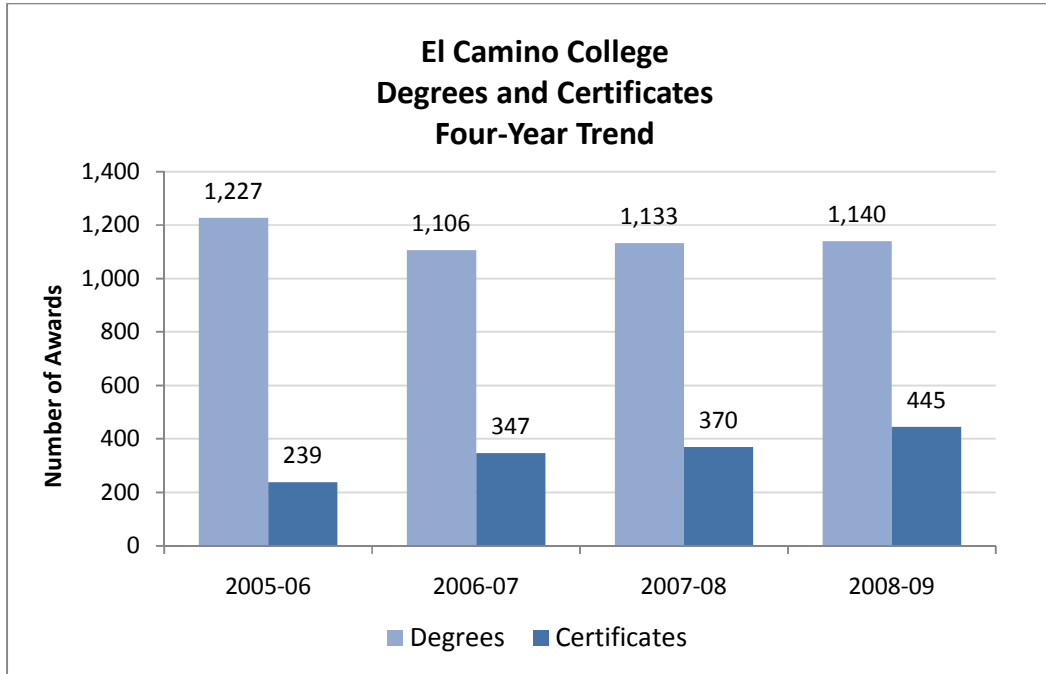


Table 2
El Camino College (Main Campus)
Degrees Awarded by Major
Four-Year Trend

Division	Major	2005-06	2006-07	% growth	2007-08	% growth	2008-09	% growth
Behavioral and Social Sciences	Anthropology	3	1		1		5	
	Childhood Education	40	36		33		38	
	Economics	20	11		7		22	
	History	17	13		11		8	
	Philosophy	2	1		2		1	
	Political Science	8	5		6		8	
	Psychology	22	17		10		19	
	Sociology	34	27		22		26	
Total Behavioral and Social Sciences		146	111	-24%	92	-17%	127	38%
Business	Accounting	9	10		13		16	
	Business Management	123	113		119		113	
	Computer Information Systems	20	15		5		8	
	Marketing	2	10		3		6	
	Office Administration	9	2		3		4	
	Paralegal Studies	18	12		20		6	
	Real Estate	10	4		7		5	
Total Business		191	166	-13%	170	2%	158	-7%
Fine Arts	Art (Various Majors)	32	32		25		30	
	Dance	3	2		1		3	
	Film/Video	9	2		1		9	
	Music	4	4		5			
	Photography	3	2		5		1	
	Speech Communication	10	4		5		7	
	Theatre	8	4		1		4	
Total Fine Arts		69	50	-28%	43	-14%	54	26%
Health Sciences and Athletics	Lab. Technician (Medical)	2						
	Nursing	90	97		97		116	
	Physical Education	5	6		2		3	
	Pre-Dentistry or Medicine	11	10		9		9	
	Pre-Nursing							
	Radiologic Tech	12	20		18		15	
	Recreation				2		1	
	Respiratory Care	13	15		13		15	
	Sign Language/Interpreter Tng.	17	19		21		13	
Total Health Sciences and Athletics		150	167	11%	162	-3%	172	6%
Humanities	English	17	15		13		17	
	French	3	3		1		2	
	Japanese	1	6		1		3	
	Journalism	4			1		2	
	Spanish	4	4		2		5	
Total Humanities		29	28	-3%	18	-36%	29	61%
Gen Studies	General, Trans. or Liberal Studies	447	420		509		459	
Total General Studies		447	420	-6%	509	21%	459	-10%

Division	Major	2005-06	2006-07	1-yr growth	2007-08	1-yr growth	2008-09	1-yr growth
Industry and Technology	Administration of Justice	29	31		20		23	
	Air Conditioning & Refrig.	2	3		9		3	
	Architecture	17	8		7		11	
	Auto. Collision Repair/Paint.		1				2	
	Automotive Technology	5	6		4		4	
	Cabinet & Fine Woodworking						1	
	Computer Aided Design/Drafting	6	3		5			
	Computer Technology							
	Construction Technology	5	4		1		8	
	Cosmetology	4	1		4		1	
	Electronics/Comp Hardware Tech	9	7		7		3	
	Environmental Technology							
	Family and Consumer Studies						2	
	Fashion Design and Production	7	3		1		5	
	Fashion Merchandising	2	1		3		1	
	Fire & Emergency Tech.-P Tech	8	3		3		7	
	Fire & Emergency Technology	24	28		21		17	
	Machine Tool Technology	6	1		5		3	
	Manufacturing Technology	1						
	Pre-Engineering	4	15		8		11	
Welding	3	4		3		2		
Total Industry and Technology		132	119	-10%	101	-15%	104	3%
Mathematics	Computer Science	4	6		3		1	
	Mathematics	20	12		9		12	
Total Mathematics		24	18	-25%	12	-33%	13	8%
Natural Sciences	Biology	12	14		10		6	
	Chemistry	4	3		1		5	
	Environmental Horticulture	3	2		2		1	
	General Science	13	5		7		7	
	Geography	4			1			
	Geology	1						
	Physical Science	2	1		2		3	
Physics		2		3		2		
Total Natural Sciences		39	27	-31%	26	-4%	24	-8%
All Degrees Awarded		1,227	1,106	-10%	1,133	2%	1,140	1%

Source: CCC Chancellor's Office and ECC Admissions & Records

Table 3
El Camino College (Main Campus)
Certificates Awarded by Major
Four-Year Trend

Division	Major	2005-06	2006-07	% growth	2007-08	% growth	2008-09	% growth
Behavioral and Social Sciences	Anthropology							
	Childhood Education	7	9		12		2	
	Economics							
	History							
	Philosophy							
	Political Science							
	Psychology							
	Sociology							
Total Behavioral and Social Sciences		7	9	29%	12	33%	2	-83%
Business	Accounting	6	12		11		11	
	Business Administration							
	Business Management	9	9		13		8	
	Computer Information Systems	4	5		3		2	
	Marketing		6		13		8	
	Office Administration	5	5		2		8	
	Paralegal Studies	20	10		24		7	
	Real Estate	2			3		3	
Total Business		46	47	2%	69	47%	47	-32%
Fine Arts	Art (Various Majors)	2	2					
	Dance							
	Digital Arts	3	4		3		8	
	Film/Video	1	3		3		5	
	Music							
	Photography							
	Speech Communication	8	8		13		3	
	Theatre	4	1		1			
Total Fine Arts		18	18	0%	20	11%	16	-20%
Health Sciences and Athletics	Lab. Technician (Medical)							
	Nursing							
	Physical Education							
	Pre-Dentistry or Medicine							
	Pre-Nursing							
	Radiologic Tech	18	12				18	
	Recreation							
	Respiratory Care	13	14		13		15	
	Sign Language/Interpreter Tng.	20	20		19		14	
Total Health Sciences and Athletics		51	46	-10%	32	-30%	47	47%
Humanities	English							
	French							
	Japanese							
	Journalism							
	Spanish							
Total Humanities		0	0		0		0	

Division	Major	2005-06	2006-07	% growth	2007-08	% growth	2008-09	% growth
Industry and Technology	Administration of Justice	13	16		14		13	
	Air Conditioning & Refrig.	10	10		36		59	
	Architecture	8	3				5	
	Auto. Collision Repair/Paint.		4				3	
	Automotive Technology	2	3		12		26	
	Cabinet & Fine Woodworking	1						
	Computer Aided Design/Drafting	4	1		4		1	
	Computer Technology							
	Construction Technology	3	10		4		5	
	Cosmetology	2	41		36		45	
	Electronics/Comp Hardware Tech	10	8		13		10	
	Environmental Technology							
	Fashion Design and Production	5	3		1		5	
	Fashion Merchandising						1	
	Fire & Emergency Tech.-P Tech	36	56		63		104	
	Fire & Emergency Technology	5	55		35		39	
	Machine Tool Technology	4	4		10		7	
	Manufacturing Technology		2					
	Pre-Engineering							
	Welding	5	8		5		7	
Total Industry and Technology		108	224	107%	233	4%	330	42%
Mathematics	Computer Science	2	2		1		2	
	Mathematics							
Total Mathematics		2	2	0%	1	-50%	2	100%
Natural Sciences	Biology							
	Chemistry							
	Environmental Horticulture	7	1		3		1	
	General Science							
	Geography							
	Geology							
	Physical Science							
Physics								
Total Natural Sciences		7	1	-86%	3	200%	1	-67%
All Certificates Awarded		239	347	45%	370	7%	445	20%

Source: CCC Chancellor's Office and ECC Admissions & Records

Table 4
Compton Community Educational Center
Degrees Awarded by Major
Three-Year Trend

Division	Major	2006-07	2007-08	1-yr growth	2008-09	1-yr growth
Behavioral and Social Sciences	Anthropology					
	Childhood Education	21			15	
	Economics					
	History				1	
	Philosophy					
	Political Science					
	Psychology		1			
	Sociology		1		1	
Total Behavioral and Social Sciences		21	2	-90%	17	750%
Business	Accounting	2				
	Business Management	2	1		5	
	Computer Information Systems					
	Marketing					
	Office Administration					
	Paralegal Studies					
	Real Estate		1		3	
Total Business		4	2	-50%	8	300%
Fine Arts	Art (Various Majors)					
	Dance					
	Film/Video				1	
	Music					
	Photography					
	Speech Communication				1	
	Theatre					
Total Fine Arts		0	0		2	
Health Sciences and Athletics	Lab. Technician (Medical)					
	Nursing	22	35		34	
	Physical Education					
	Pre-Dentistry or Medicine					
	Pre-Nursing					
	Radiologic Tech					
	Recreation					
	Respiratory Care					
	Sign Language/Interpreter Tng.					
Total Health Sciences and Athletics		22	35	59%	34	-3%
Humanities	English					
	French					
	Japanese					
	Journalism					
	Spanish					
Total Humanities		0	0		0	
General Studies	General, Transfer or Liberal Studies	99	62		84	
Total General Studies		99	62	-37%	84	35%

Division	Major	2006-07	2007-08	1-yr growth	2008-09	1-yr growth
Industry and Technology	Administration of Justice	7	4		1	
	Air Conditioning & Refrig.					
	Architecture					
	Auto. Collision Repair/Paint.		1			
	Automotive Technology					
	Cabinet & Fine Woodworking					
	Computer Aided Design/Drafting	1				
	Computer Technology					
	Construction Technology					
	Cosmetology					
	Electronics/Comp Hardware Tech					
	Environmental Technology					
	Fashion Design and Production					
	Fashion Merchandising					
	Fire & Emergency Tech.-P Tech					
	Fire & Emergency Technology					
	Machine Tool Technology	1				
	Manufacturing Technology					
	Pre-Engineering					
	Welding	1				3
Total Industry and Technology		10	5	-50%	4	-20%
Mathematics	Computer Science					
	Mathematics					
Total Mathematics		0	0		0	
Natural Sciences	Biology					
	Chemistry				1	
	Environmental Horticulture					
	General Science					
	Geography					
	Geology					
	Physical Science					
Physics						
Total Natural Sciences		0	0		1	
All Degrees Awarded		156	106	-32%	150	42%

Source: CCC Chancellor's Office and ECC Admissions & Records

**Table 5
Compton Community Educational Center
Certificates Awarded by Major
Three-Year Trend**

Division	Major	2006-07	2007-08	% growth	2008-09	% growth
Behavioral and Social Sciences	Anthropology					
	Childhood Education	8	18		15	
	Economics					
	History					
	Philosophy					
	Political Science					
	Psychology					
	Sociology					
Total Behavioral and Social Sciences		8	18	125%	15	-17%
Business	Accounting					
	Business Administration					
	Business Management				1	
	Computer Information Systems				1	
	Marketing				1	
	Office Administration				2	
	Paralegal Studies					
	Real Estate		1		1	
Total Business		0	1		6	500%
Fine Arts	Art (Various Majors)					
	Dance					
	Digital Arts					
	Film/Video					
	Music					
	Photography					
	Speech Communication					
	Theatre					
Total Fine Arts		0	0		0	
Health Sciences and Athletics	Lab. Technician (Medical)					
	Nursing					
	Physical Education					
	Pre-Dentistry or Medicine					
	Pre-Nursing					
	Radiologic Tech					
	Recreation					
	Respiratory Care					
	Sign Language/Interpreter Tng.					
Total Health Sciences and Athletics		0	0		0	
Humanities	English					
	French					
	Japanese					
	Journalism					
	Spanish					
Total Humanities		0	0		0	

Division	Major	2006-07	2007-08	% growth	2008-09	% growth
Industry and Technology	Administration of Justice	2	5			
	Air Conditioning & Refrig.					
	Architecture					
	Auto. Collision Repair/Paint.	1				
	Automotive Technology		3		3	
	Cabinet & Fine Woodworking					
	Computer Aided Design/Drafting	1				
	Computer Technology					
	Construction Technology					
	Cosmetology				1	
	Electronics/Comp Hardware Tech					
	Environmental Technology					
	Fashion Design and Production					
	Fashion Merchandising					
	Fire & Emergency Tech.-P Tech					
	Fire & Emergency Technology					
	Machine Tool Technology					
	Manufacturing Technology					
	Pre-Engineering					
Welding		2		2		
Total Industry and Technology		4	10	150%	6	-40%
Mathematics	Computer Science					
	Mathematics					
Total Mathematics		0	0		0	
Natural Sciences	Biology					
	Chemistry					
	Environmental Horticulture					
	General Science					
	Geography					
	Geology					
	Physical Science					
Physics						
Total Natural Sciences		0	0		0	
All Certificates Awarded		12	29	142%	27	-7%

Division	Major	2006-07	2007-08*	% growth	2008-09	% growth
Industry and Technology	Administration of Justice	2	5			
	Air Conditioning & Refrig.					
	Architecture					
	Auto. Collision Repair/Paint.	1				
	Automotive Technology		5		3	
	Cabinet & Fine Woodworking					
	Computer Aided Design/Drafting	1				
	Computer Technology					
	Construction Technology					
	Cosmetology				1	
	Electronics/Computer Hardware					
	Environmental Technology					
	Fashion Design and Production					
	Fashion Merchandising					
	Fire & Emergency Tech.-P Tech					
	Fire & Emergency Technology					
	Machine Tool Technology					
	Manufacturing Technology					
	Pre-Engineering					
	Welding			2		2
Total Industry and Technology		4	12	200.0	6	-50.0
Mathematics	Computer Science					
	Mathematics					
Total Mathematics		0	0		0	
Natural Sciences	Biology					
	Chemistry					
	Environmental Horticulture					
	General Science					
	Geography					
	Geology					
	Physical Science					
Physics						
Total Natural Sciences		0	0		0	
All Certificates Awarded		12	32	166.7	27	-15.6

* Estimate pending final list of awards.

Source: CCC Chancellor's Office and ECC Admissions & Records