

Summary of 2013-2014 CTE Data for Cerro Coso Community College



PERKINS IV Core Indicators of Performance by Vocational TOP Code
Indicators for 2013-2014 Fiscal Year Planning
Data from 2010-2011 Cohort with 2011-2012 Outcomes
Summary by College for: CERRO COSO - KERN

Performance Rate Less Than Goal is Shaded

Total Count is 10 or Greater

Total Count is Less Than 10

TOP Code		Core 1 Skill Attainment	Core 2 Completion	Core 3 Persistence	Core 4 Employment	Core 5a NT Participation	Core 5b NT Completion
Performance Goal (2010- 2011)		88.83	82.15	85.80	80.76	18.28	21.95
05	BUSINESS AND MANAGEMENT	81.94	83.78	82.58	53.85	48.15	63.46
0501	BUSINESS AND COMMERCE, GENERAL	88.46	75.00	73.08	58.33	76.92	83.33
0505	BUSINESS ADMINISTRATION	58.33	88.46	80.56	47.37	61.11	66.67
0506	BUSINESS MANAGEMENT	91.38	81.48	82.76	64.71	63.64	63.64
0514	OFFICE TECHNOLOGY/OFFICE COMPUTER APPLICATIONS	85.71	100.00	91.43	25.00	8.57	0.00
06	MEDIA AND COMMUNICATIONS	100.00	72.73	73.68	72.73	100.00	
0612	FILM STUDIES	100.00		0.00	100.00	100.00	
0614	DIGITAL MEDIA	100.00	72.73	75.68	70.00		
07	INFORMATION TECHNOLOGY	84.21	91.67	89.47	57.14	26.32	15.38
0702	COMPUTER INFORMATION SYSTEMS	84.21	91.67	89.47	57.14	26.32	15.38
09	ENGINEERING AND INDUSTRIAL TECHNOLOGIES	95.83	64.29	83.33	33.33	12.77	37.50
0924	ENGINEERING TECHNOLOGY, GENERAL	100.00	100.00	100.00	0.00		
0934	ELECTRONICS AND ELECTRIC TECHNOLOGY	100.00	50.00	75.00	0.00	0.00	0.00
0948	AUTOMOTIVE TECHNOLOGY	50.00		100.00		0.00	
0953	DRAFTING TECHNOLOGY	100.00	100.00	85.71	0.00	28.57	50.00
0956	MANUFACTURING AND INDUSTRIAL TECHNOLOGY	100.00	42.86	77.78	44.44	7.41	33.33

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Performance Goal (2010- 2011)		88.83	82.15	85.80	80.76	18.28	21.95
0999	OTHER ENGINEERING AND RELATED INDUSTRIAL TECHNOLOGIES	100.00	100.00	100.00		40.00	50.00
12	HEALTH	94.85	79.66	86.76	78.57	8.00	4.65
1201	HEALTH OCCUPATIONS, GENERAL	93.75	66.67	87.50	50.00		
1208	MEDICAL ASSISTING	88.10	22.22	80.95	71.43	9.52	0.00
1230	NURSING	100.00	95.24	89.66	81.25	6.90	5.00
1251	PARAMEDIC	95.00	60.00	90.00	100.00		
13	FAMILY AND CONSUMER SCIENCES	89.54	54.17	76.47	64.18	4.18	4.76
1305	CHILD DEVELOPMENT/EARLY CARE AND EDUCATION	89.54	54.17	76.47	64.18	4.18	4.76
14	LAW	93.22	89.47	88.14	44.44	25.42	33.33
1402	PARALEGAL	93.22	89.47	88.14	44.44	25.42	33.33
17	MATHEMATICS	0.00		100.00		0.00	
1701	MATHEMATICS, GENERAL	0.00		100.00		0.00	
21	PUBLIC AND PROTECTIVE SERVICES	89.32	61.76	82.44	72.41	31.79	48.84
2104	HUMAN SERVICES	100.00	100.00	100.00	62.50		
2105	ADMINISTRATION OF JUSTICE	88.17	51.85	78.57	75.51	31.95	50.00
2133	FIRE TECHNOLOGY	50.00	100.00	100.00	0.00	25.00	0.00
49	INTERDISCIPLINARY STUDIES	85.71	100.00	100.00			
4932	GENERAL WORK EXPERIENCE	85.71	100.00	100.00			

Table Definitions and Source

Core 1 - Skill Attainment, GPA 2.0 & Above: 88.83% Performance Goal - (2010- 2011)

Core 2 - Completions, Certificates, Degrees and Transfer Ready: 82.15% Performance Goal - (2010- 2011)

Core 3 - Persistence in Higher Education: 85.80% Performance Goal - (2010- 2011)

Core 4 - Employment: 80.76% Performance Goal - (2010- 2011)

Core 5 - Training Leading to Non-traditional Employment: Greater than 18.28% Participation & 21.95% Completion - (2010- 2011)

Source: CCCC MIS Database, EDD Base Wage File, CSU Chancellor's Office, UC Office of the President, 2000 Census, Student Loan Clearing House

Summary of 2013-2014 CTE Data for Cerro Coso Community College

Cerro Coso Community College programs at the four digit TOP Code level that have Core Indicator gaps greater than 10%. Gaps are the difference between the result of each indicator measure and the performance goal. Those measures with fewer than 10 (student) concentrators are excluded.

Gap List:

- **Core 1** - Skill Attainment GPA \geq 2.0 (**One** program)
 - TOP code 0505 Business Administration [-30.50]

- **Core 2** - Completion (**Three** programs)
 - TOP code 0614 Digital Media [-9.42]
 - TOP code 1305 Child Development/ Early Care and Education [-27.98]
 - TOP code 2105 Administration of Justice [-30.30]

- **Core 3** - Persistence (**Three** programs)
 - TOP code 0501 Business and Commerce, General [-12.72]
 - TOP code 0614 Digital Media [-10.12]
 - TOP code 1305 Child Development/ Early Care and Education [-9.33]

- **Core 4** - Employment (**Five** programs)
 - TOP code 0501 Business and Commerce, General [-22.43]
 - TOP code 0505 Business Administration [-33.39]
 - TOP code 0506 Business Management [-16.05]
 - TOP code 0614 Digital Media [-10.76]
 - TOP code 1305 Child Development [-16.58]

- **Core 5a** - Non-Traditional Gender Participation (**Five** programs)
 - TOP code 0514 Office Technology/Office Computer Applications [-9.71]
 - TOP code 0956 Manufacturing & Industrial [-10.87]
 - TOP code 1208 Medical Assisting [-8.76]
 - TOP code 1230 Nursing [-11.38]
 - TOP code 1305 Child Development/Early Care & Education [-14.10]

- **Core 5b** - Non-Traditional Gender Completion (**Three** programs)
 - TOP code 0702 Computer information Systems [-6.57]
 - TOP code 1230 Nursing [-16.95]
 - TOP code 1305 Child Development/Early Care & Education [-17.19]

Summary of 2013-2014 CTE Data for Cerro Coso Community College

Summary of 2013-2014 Fiscal Planning Year Core Indicator Measures

Overview of Core Indicator measures (% rounded)

In the 2013-2014 planning year data, Cerro Coso Community College had a total of 24 four digit TOP Code programs. This is a net increase of 2 from the previous year. Each TOP Code program has 6 core indicator measures, which result in a total of 144 individual indicator measures for CC. The number of individual measures used for reporting fell from 61.4% last year to 47.2% this year due to measures having no data and an increase of programs with fewer than ten student concentrators that are excluded. The number of any core indicator individual measure with a 100% increased from 6.8% to 16.0% compared to last year, indicating that while the programs have decreased in size the remaining students are performing well. The number of programs reported on the gap list (having a gap greater than 10% difference between the program's result and the annual goal) increased by 5.3% (1), for a total of 20. Half of the 20 gap list programs improved their performance scores compared to the previous year.

Core 1 Skill Attainment GPA \geq 2.0 (88.83%) (% rounded)

Core 1 results had a net decrease of one program with gaps greater than 10%. Human Services improved by 37.8% percent points to attain a 100% skill attainment measure. Business Administration fell 4.2% percent points from the previous year.

Core 2 Completions, Certificates, Degrees and Transfer Ready (82.15%) (% rounded)

Core 2 results had no change to the number of programs with gaps greater than 10% this year. Child Development/Early Care/Education fell 2.2% percent points compared to the previous year. Business Management was removed after an improvement this year of 10.9% percent points, raising the indicator measure gap to less than 10%. Medical Assisting was excluded due to having fewer than ten student concentrators. Digital Media and Administration of Justice were added to the gap list this year after a 15.5% and 28.4% percent point drop in completion compared to last year.

Core 3 Persistence in Higher Education (85.80%) (% rounded)

Core 3 results had a net increase of two programs with gaps greater than 10%. Paramedic was removed from the current list after an increase of 17.3% percent points in persistence as compared to last year. Business and Commerce, Digital Media, and Child Development/Early Care/Education were all newly added to the gap list after drops in persistence ranged from 1.1% to 17.8% percent points this year compared to the previous year.

Core 4 Employment (80.76%) (% rounded)

Core 4 results had a net a decrease of one program with a gap greater than 10%. Medical Assisting and Human Services were both removed from the current gap list due to having fewer than ten student concentrators. Business/Commerce was added to the current gap list due to an increase in students, though it did improved by 44.0% percent points compared to last years' measure. Of the four programs on both this and last year's gap list Business Administration and Child Development/Early

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Care/Education fell 10.9% and 4.5% percent points, while Business Management and Digital Media improved their measures by 5.9% and 16.2% percent points.

Core 5a Non-Traditional Gender Participation – Participation (18.28%) (% rounded)

Core 5a results had no change to the number of programs with gaps greater than 10% this year. Of the five programs on the gap list: Manufacturing/Industrial fell by 0.3%, while Office Technology, Medical Assisting, Nursing, and Child Development improved by 1.6% to 4.0% percent points compared to the previous years' measures.

Core 5b Non-Traditional Gender Participation – Completion (21.95%) (% rounded)

Core 5b results had a net increase of one program with a gap greater than 10% this year. Computer Information Systems was not excluded from the gap list this year due to an increase of students compared to the program last year despite also having an increase in non-traditional gender participation - completion of 1.1% percent points. Nursing and Child Development improved by 2.3% and 2.7% percent points from the previous year.

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Cerro Coso Community College special populations from programs at the four digit TOP Code level that have a gap greater than 10%. Special populations include: economically disadvantaged, disabled, non-traditional and female students. Gaps are the difference between the program indicator measure and the performance goal. Those measures with fewer than 10 (student) concentrators are excluded.

Core 1 Skill Attainment GPA \geq 2.0 (88.83%) (% rounded)

- **Female**
 - TOP code 0505 Business Management [-38.83]
- **Non-traditional**
 - TOP code 0505 Business Management [-18.23]
- **Economically disadvantaged**
 - TOP code 0505 Business Management [-18.24]

Summary of 2013-2014 Fiscal Planning Year Special Populations Core 1 Indicator Measure

Core 1 Skill Attainment GPA \geq 2.0 (88.83%) Subset Populations (% rounded)

Female, non-traditionally and economically disadvantaged student concentrators in programs with a gap greater than 10% in core 1 indicator measures had a net decreased of one in the 2013-14 planning year data compared to the previous year. Economically disadvantaged students in the Human Services program were removed from the gap list after a 75.0% percent point improvement compared to the previous year. Business Management remains below the performance goal in all three special population groups.

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Labor Market Data – plan responds to high growth and/or medium to high wage jobs

EMSI data shows occupations with the greatest number of openings and fastest growing occupations in the Cerro Coso Community College labor market area (portions of Kern, Inyo and Mono Counties). These summary data show programs (by 6-Digit SOC Occupations) that are offered at Cerro Coso Community College, programs offered within the district, and those that are not offered. When reviewing the tables below note that the column “Change” indicates the number of new job openings between 2012 and 2013 jobs. The column “Annual Openings” includes the number of jobs in “Change” plus any retirements and other terminations that require a replacement in that occupation.

Top Ten Occupations with the Greatest Number of Annual Openings in the CC Labor Market Area

Occupation	2012 Jobs	2013 Jobs	Change	% Change	Annual Openings
Combined Food Preparation and Serving Workers, Including Fast Food	1,114	1,191	77	7%	108
Cashiers	1,349	1,391	42	3%	104
Waiters and Waitresses	870	903	33	4%	77
Childcare Workers	1,097	1,123	26	2%	63
Retail Salespersons	868	904	36	4%	63
Maids and Housekeeping Cleaners	1,064	1,103	39	4%	58
Real Estate Sales Agents	1,079	1,104	25	2%	55
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	724	749	25	3%	39
Office Clerks, General	776	795	19	2%	33
Elementary School Teachers, Except Special Education	600	619	19	3%	32

Note: Six Digit SOC Occupation sorted by Annual Openings.
Source: EMSI – Dataset Version 2013.1

Summary of 2013-2014 CTE Data for Cerro Coso Community College

Top Ten Occupations with the Greatest Rate of Growth (with jobs ≥ 20) in the CC Labor Market Area

Occupation	2012 Jobs	2013 Jobs	Change	% Change	Annual Openings
Floral Designers	32	35	3	9%	4
Mixing and Blending Machine Setters, Operators, and Tenders	57	62	5	9%	7
Bus Drivers, Transit and Intercity	59	64	5	8%	6
Marriage and Family Therapists	36	39	3	8%	3
Personal Financial Advisors	192	208	16	8%	19
Market Research Analysts and Marketing Specialists	78	84	6	8%	8
Civil Engineering Technicians	40	43	3	8%	3
Securities, Commodities, and Financial Services Sales Agents	123	132	9	7%	13
Combined Food Preparation and Serving Workers, Including Fast Food	1,114	1,191	77	7%	108
Fitness Trainers and Aerobics Instructors	77	82	5	6%	6

Note: Six Digit SOC Occupation sorted by % Change.
Source: EMSI – Dataset Version 2013.1

Top Ten Occupations with the Highest Average Hourly Wage (Requiring an Associate's Degree or Less and Jobs ≥ 10) in the CC Labor Market Area

Occupation	2012 Jobs	2013 Jobs	Annual Openings	Avg. Hourly Earnings	Education Level
Dental Hygienists	33	34	2	\$43.83	Associate's degree
First-Line Supervisors of Police and Detectives	19	19	1	\$42.30	Work experience in a related occupation
Registered Nurses	615	628	24	\$41.88	Associate's degree
Electrical Power-Line Installers and Repairers	73	70	3	\$40.69	Long-term on-the-job training
First-Line Supervisors of Correctional Officers	43	44	3	\$39.68	Work experience in a related occupation
Power Plant Operators	77	69	3	\$38.90	Long-term on-the-job training
Airfield Operations Specialists	11	11	1	\$38.84	Long-term on-the-job training
Diagnostic Medical Sonographers	10	11	0	\$38.50	Associate's degree
Transportation, Storage, and Distribution Managers	38	39	2	\$38.07	Work experience in a related occupation
Administrative Services Managers	78	80	5	\$36.39	Work experience in a related occupation

Note: Six Digit SOC Occupation sorted by Average Hourly Earnings.
Source: EMSI – Dataset Version 2013.1

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Demographic data on the CC Service Area

2013 demographic data provided by Economic Modeling Services Intl. (EMSI) for the CC service area estimates the population to be 102,476. Of those, 23.6% are Hispanic and 48% Female.

The 2007-2011 American Community Survey (ACS) 5-year rolling average estimates for Kern, Inyo, and Mono County residents living below the poverty line was 21.1% in 2012. The ACS also estimates of those residents 25 years or older in Kern, Inyo, and Mono County: 23.8% have attended some college, 7.1% received an associate's degree, and 15.4% received a bachelor's, graduate or professional degree in 2012.