CAREER TECHNICAL EDUCATION (CTE) TWO-YEAR PROGRAM REVIEW FOR 2024

Program: Emergency Medical Services **Planning Year:** 2024-2025 **Unit:** Nursing & Allied Health
Cluster: HEALTH SCIENCES AND WELLNESS SKILLED TRADES AND TECHNOLOGY
Last Year of CPPR/Voc. Ed Review: 2022-2023

INSTRUCTIONS: CTE programs will complete and submit the below Two-Year Program Review as part of a regular two-year program review cycle (Ed Code 78016). In addition, CTE programs will complete and submit an APPW on an annual basis and an Instructional Comprehensive Program Planning and Review (CPPR) every four years according to the institutional comprehensive planning cycle for instructional programs.

California Ed Code 78016

Every vocational or occupational training program offered by a community college district shall be reviewed every two years by the governing board of the district to ensure that each program, as demonstrated by the California Occupational Information System, including the State-Local Cooperative Labor Market Information Program established in Section 10533 of the Unemployment Insurance Code, or if this program is not available in the labor market area, other available sources of labor market information, does all of the following:

1. Meets a documented labor market demand.

2. Does not represent unnecessary duplication of other manpower training programs in the area.

3. Is of demonstrated effectiveness as measured by the employment and completion success of its students.

A. Any program that does not meet the requirements of subdivision (A) and the standards promulgated by the governing board shall be terminated within one year.

B. The review process required by this section shall include the review and comments by the local Private Industry Council established pursuant to Division 8 (commencing with Section 15000) of the Unemployment Insurance Code, which review and comments shall occur prior to any decision by the appropriate governing body.

C. This section shall apply to each program commenced subsequent to July 28, 1983.

D. A written summary of the findings of each review shall be made available to the public.

NARRATIVE: Review your CTE program according to the following three prompts with analysis of data provided by the State.

If assistance is needed to retrieve data, please contact your Instructional Dean.

Provide a written summary for each prompt. If yes, explain why and/or how. If no, explain why.

I. Meets a documented labor market demand, data provided by the State.

TOP Code(s): 125000 - Emergency Medical Services

Area	Estimated Year-Projected Year	Employment		Employment Change		Total Job Openings
		Estimated	Projected	Number	Percent	
California	2018 - 2028	16,800	18,600	1,800	10.7	13,570

Area	Estimated Year-Projected Year	Employment		Employment Change		Total Job Openings
		Estimated	Projected	Number	Percent	
San Luis Obispo County	2018 - 2028	180	230	50	27.8	190

Geography: San Luis Obispo County
Includes: San Luis Obispo County

	Annual Job Openings by Occupation		
SOC Code	**Occupation Title** (Linked to "Occupation Profile")	**2018 Employment**	**Annual Job Openings (1)**
292041	Emergency Medical Technicians and Paramedics	180	190
	Total	180	190

(1) Total Job Openings are the sum of new jobs from growth plus net replacements. Annual job openings are total job openings divided by the number of years in the projection period.

(2) This occupation has been suppressed due to confidentiality.

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Labor market demand reflected above shows both state and local (San Luis Obispo County) outlook/demand. It is important to note that Cuesta College has students in our EMT program from all over the state as many students are also attending nearby Cal Poly and will return to their home towns to practice as an EMT.

2 S a n   L u i s   O b i s p o   C o u n t y   C o m m u n i t y   C o l l e g e   D i s t r i c t
C a r e e r   T e c h n i c a l   E d u c a t i o n   (C T E)   T w o - Y e a r   P r o g r a m   R e v i e w
Approved Document to be Used for Submission Spring, March 4, 2024

Additionally, the above numbers do not reflect the dual-role that many of our students have as firefighter/EMTs as those jobs are reflected in firefighter numbers, not in EMT and Paramedics.

The California Employment Development Division data displayed above clearly documents a need for paramedics at both the state and local levels. It is also important to consider that the EDD data was a projection encompassing the years 2018-2028, likely not accounting for the impact the Covid-19 pandemic had on the paramedic profession. The EDD data supports a labor market demand that was most likely worsened by the pandemic. The largest ambulance provider in San Luis Obispo County is currently employing "travel medics," paramedics hired from outside counties and even other states, to contend with the local paramedic shortage.

II. **Does not represent unnecessary duplication of other manpower training programs in the area.**

The nearest community college based EMT or EMT Refresher Program is located at Allan Hancock College in Lompoc, CA which is approximately 62 miles south of San Luis Obispo. EMT courses at both colleges often fill to capacity with waitlisted students.

The Cuesta College Paramedic program is the sole paramedic training program in San Luis Obispo County. The program produces one cohort per year, with a maximum of 24 paramedic students. The closest paramedic programs are at Alan Hancock College, which is 62 miles to the south, and Monterey Peninsula College, which is 143 miles to the north. The proximity of these colleges demonstrates both a lack of local duplication of manpower and a potential financial and educational burden for students in our county seeking paramedic training, should our program not exist.

III. **Is of demonstrated effectiveness as measured by the employment and completion success of its students,** Core Indicator Reports (Summary by TOP code) **(see next page for EMT & Paramedic tables)**

PERKINS IV Core Indicators of Performance by 6-digit Vocational TOP Code

Summary Detail Report for 2020-2021 Fiscal Year Planning

CUESTA COLLEGE

125000 Emergency Medical Services

	Core 1 Skill Attainment			Core 2 Completions			Core 3 Persistence		
	Percent	Count	Total	Percent	Count	Total	Percent	Count	Total
Program Area Total	10.62	12	113	100.00	110	110	88.89	96	108
Female	17.65	6	34	100.00	32	32	94.12	32	34
Male	6.49	5	77	100.00	76	76	86.11	62	72
Non-traditional		0	0		0	0		0	0
Displaced Homemaker	33.33	1	3	100.00	2	2	100.00	3	3
Economically Disadvantaged	11.36	5	44	100.00	43	43	95.45	42	44
Limited English Proficiency		0	0		0	0		0	0
Single Parent	0.00	0	5	100.00	5	5	100.00	5	5
Students with Disabilities	14.29	1	7	100.00	7	7	85.71	6	7
Technical Preparation		0	0		0	0		0	0
District	10.62	12	113	100.00	110	110	88.89	96	108
State	49.26	9,984	20,270	95.33	14,120	14,811	87.00	17,096	19,650

	Core 4 Employment			Core 5a NT Participation			Core 5b NT Completion		
	Percent	Count	Total	Percent	Count	Total	Percent	Count	Total
Program Area Total	87.78	79	90		0	0		0	0
Female	92.00	23	25		0	0		0	0
Male	87.50	56	64		0	0		0	0
Non-traditional		0	0		0	0		0	0
Displaced Homemaker	100.00	2	2		0	0		0	0
Economically Disadvantaged	92.11	35	38		0	0		0	0
Limited English Proficiency		0	0		0	0		0	0
Single Parent	80.00	4	5		0	0		0	0
Students with Disabilities	80.00	4	5		0	0		0	0
Technical Preparation		0	0		0	0		0	0
District	87.78	79	90		0	0		0	0
State	87.37	10,550	12,075	100.00	14	14	100.00	14	14

The DR notation indicates privacy requirements - EDD requires that counts less than six not be displayed.

Performance Rate Less Than Goal is Shaded

Core 1 - Skill Attainment, GPA 2.0 & Above: 91.75% Performance Goal - (2017- 2018)
Core 2 - Completions, Certificates, Degrees and Transfer Ready: 89.00% Performance Goal – (2017- 2018)
Core 3 - Persistance in Higher Education: 91.00% Performance Goal – (2017- 2018)
Core 4 - Employment: 73.23% Performance Goal - (2017- 2018)
Core 5 - Training Leading to Non-traditional Employment: Greater than 23.93% Participation & 28.02% Completion - (2017- 2018)

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

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EMT :As the above report shows, we continue to meet Core 2 (Completion) and Core 4 goals.

We continue to have students gain employment locally and throughout the state as EMTs with Emergency Departments in hospitals. private ambulance services, fire departments, Harbor Patrol, county Park Services and others. Many of our students go on to further their careers as Paramedics or into other healthcare tracks (RN, PA, NP, MD, etc.) filling vital vacancies within our healthcare system.

(Continued on next page for Paramedic)

PERKINS IV Core Indicators of Performance by 6-digit Vocational TOP Code
Summary Detail Report for 2020-2021 Fiscal Year Planning

CUESTA COLLEGE

125100 Paramedic

	Core 1 Skill Attainment			Core 2 Completions			Core 3 Persistence		
	Percent	Count	Total	Percent	Count	Total	Percent	Count	Total
Program Area Total	96.67	29	30	100.00	20	20	92.86	26	28
Female	100.00	5	5	100.00	3	3	80.00	4	5
Male	96.00	24	25	100.00	17	17	95.65	22	23
Non-traditional		0	0		0	0		0	0
Displaced Homemaker		0	0		0	0		0	0
Economically Disadvantaged	94.12	16	17	100.00	10	10	100.00	16	16
Limited English Proficiency		0	0		0	0		0	0
Single Parent	100.00	1	1	100.00	1	1	100.00	1	1
Students with Disabilities	100.00	1	1	100.00	1	1	100.00	1	1
Technical Preparation		0	0		0	0		0	0
District	96.67	29	30	100.00	20	20	92.86	26	28
State	72.22	4,464	6,181	95.78	3,518	3,673	88.01	5,175	5,880

	Core 4 Employment			Core 5a NT Participation			Core 5b NT Completion		
	Percent	Count	Total	Percent	Count	Total	Percent	Count	Total
Program Area Total	93.33	14	15		0	0		0	0
Female	100.00	1	1		0	0		0	0
Male	92.86	13	14		0	0		0	0
Non-traditional		0	0		0	0		0	0
Displaced Homemaker		0	0		0	0		0	0
Economically Disadvantaged	100.00	6	6		0	0		0	0
Limited English Proficiency		0	0		0	0		0	0
Single Parent		0	0		0	0		0	0
Students with Disabilities	100.00	1	1		0	0		0	0
Technical Preparation		0	0		0	0		0	0
District	93.33	14	15		0	0		0	0
State	87.05	2,675	3,073		0	0		0	0

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Performance Rate Less Than Goal is Shaded

Core 1 - Skill Attainment, GPA 2.0 & Above: 91.75% Performance Goal - (2017- 2018)
Core 2 - Completions, Certificates, Degrees and Transfer Ready: 89.00% Performance Goal – (2017- 2018)
Core 3 - Persistance in Higher Education: 91.00% Performance Goal – (2017- 2018)
Core 4 - Employment: 73.23% Performance Goal – (2017- 2018)
Core 5 - Training Leading to Non-traditional Employment: Greater than 23.93% Participation & 28.02% Completion – (2017- 2018)

Source: CCCCO MIS Database, EDD Base Wage File, CSU Chancellor's Offce,
UC Office of the President, 2000 Census, Student Loan Clearing House   Page 1 of 1   Report Create Date: 02/01/2010

Paramedic: As demonstrated in the above chart, the paramedic program succeeds in Core I-4 by attaining scores ranging from 92.86 to 100. In consideration of the workforce demand, it is important to highlight the Core 2 Completion (100.00%) and Core 4 Employment (93.33%) scores. Paramedic graduate the program and obtain almost immediate employment, usually filling vacancies in our community in both the fire service and private ambulance.