

CAREER TECHNICAL EDUCATION (CTE) TWO-YEAR PROGRAM REVIEW

Program: Computer Information Systems (CIS)

Planning Year: 2019 **Unit:** Business Education

Cluster: WED

Last Year of CPPR/Voc. Ed Review: 2015/2017

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

- A. 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.
- B. 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.
- C. 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.
- D. This section shall apply to each program commenced subsequent to July 28, 1983.

E. 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:
<http://www.labormarketinfo.edd.ca.gov/>.

If assistance is needed to retrieve data, please contact the Dean of Workforce and Economic Development.

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, <http://www.labormarketinfo.edd.ca.gov/>.

Yes, there is great demand in CIS, as it is the underlying driver of growth in the economy. Every business needs someone to run their IT department, and people to create and manage websites, in the very least. BLS estimated 1.7% job growth in “Information” from 2016 to 2026 (see last page).

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

It does not represent unnecessary duplication of manpower elsewhere in the area. In fact, Cuesta is often the only place for people in SLO county to get relevant certificates in CIS.

III. Is of demonstrated effectiveness as measured by the employment and completion success of its students, https://misweb.cccco.edu/perkins/Core_Indicator_Reports/Summ_CoreIndi_TOPCode.aspx

See the graph on the next page.



PERKINS IV Core Indicators of Performance by 4-digit Vocational TOP Code
Summary Detail Report for 2017-2018 Fiscal Year Planning

CUESTA COLLEGE

0701 Computer and Information SCI, General

	Core 1 Skill Attainment			Core 2 Completions			Core 3 Persistence		
	Percent	Count	Total	Percent	Count	Total	Percent	Count	Total
Program Area Total	90.70	39	43	100.00	21	21	100.00	43	43
Female	100.00	5	5	100.00	3	3	100.00	5	5
Male	89.47	34	38	100.00	18	18	100.00	38	38
Non-traditional	100.00	5	5	100.00	3	3	100.00	5	5
Displaced Homemaker		0	0		0	0		0	0
Economically Disadvantaged	91.30	21	23	100.00	13	13	100.00	23	23
Limited English Proficiency		0	0		0	0		0	0
Single Parent	100.00	1	1		0	0	100.00	1	1
Students with Disabilities	83.33	5	6	100.00	4	4	100.00	6	6
Technical Preparation		0	0		0	0		0	0
District	90.70	39	43	100.00	21	21	100.00	43	43
State	91.77	29,088	31,695	83.77	10,441	12,464	89.52	28,362	31,682
	Core 4 Employment			Core 5a NT Participation			Core 5b NT Completion		
	Percent	Count	Total	Percent	Count	Total	Percent	Count	Total
Program Area Total	0.00	0	3	11.63	5	43	12.00	3	25
Female		0	0	100.00	5	5	100.00	3	3

Male	0.00	0	3	0.00	0	38	0.00	0	22
Non-traditional		0	0	11.63	5	43	12.00	3	25
Displaced Homemaker		0	0		0	0		0	0
Economically Disadvantaged	0.00	0	2	8.70	2	23	12.50	2	16
Limited English Proficiency		0	0		0	0		0	0
Single Parent		0	0	0.00	0	1		0	0
Students with Disabilities	0.00	0	1	33.33	2	6	25.00	1	4
Technical Preparation		0	0		0	0		0	0
District	0.00	0	3	11.63	5	43	12.00	3	25
State	65.87	3,829	5,813	20.21	8,052	39,842	20.82	3,491	16,771

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

Performance Rate Less Than Goal is Shaded

Table 2.1 Employment by major industry sector, 2006, 2016, and projected 2026

Industry Sector						Compound Annual Rate of Change	
	2016	2026	2016-26	2016	2026	2006-16	2016-26
Total⁽¹⁾	156,063.8	167,582.3	11,518.5	100.0	100.0	0.5	0.7
Nonagriculture wage and salary⁽²⁾	144,979.3	155,724.8	10,745.5	92.9	92.9	0.6	0.7
Goods-producing, excluding agriculture	19,685.2	19,904.2	219.0	12.6	11.9	-1.3	0.1
Mining	626.1	716.9	90.8	0.4	0.4	0.1	1.4
Construction	6,711.0	7,575.7	864.7	4.3	4.5	-1.4	1.2
Manufacturing	12,348.1	11,611.7	-736.4	7.9	6.9	-1.4	-0.6
Services-providing excluding special industries	125,294.1	135,820.6	10,526.5	80.3	81.0	0.9	0.8
Utilities	556.2	559.6	3.4	0.4	0.3	0.1	0.1
Wholesale trade	5,867.0	6,012.8	145.8	3.8	3.6	-0.1	0.2
Retail trade	15,820.4	16,232.7	412.3	10.1	9.7	0.3	0.3
Transportation and warehousing	4,989.1	5,353.4	364.3	3.2	3.2	1.1	0.7
Information	2,772.3	2,824.8	52.5	1.8	1.7	-0.9	0.2
Financial activities	8,284.8	8,764.6	479.8	5.3	5.2	-0.1	0.6
Professional and business services	20,135.6	22,295.3	2,159.7	12.9	13.3	1.4	1.0
Educational services	3,559.7	4,066.2	506.5	2.3	2.4	2.1	1.3
Health care and social assistance	19,056.3	23,054.6	3,998.3	12.2	13.8	2.3	1.9
Leisure and hospitality	15,620.4	16,939.4	1,319.0	10.0	10.1	1.8	0.8
Other services	6,409.4	6,761.4	352.0	4.1	4.0	0.3	0.5
Federal government	2,795.0	2,739.2	-55.8	1.8	1.6	0.2	-0.2
State and local government	19,427.9	20,216.6	788.7	12.4	12.1	0.1	0.4

Agriculture, forestry, fishing, and hunting⁽³⁾	2,351.5	2,345.4	-6.1	1.5	1.4	1.1	0.0
Agriculture wage and salary	1,501.0	1,518.0	17.0	1.0	0.9	2.1	0.1
Agriculture self-employed	850.5	827.5	-23.0	0.5	0.5	-0.5	-0.3
Nonagriculture self-employed	8,733.0	9,512.1	779.1	5.6	5.7	-1.0	0.9

Footnotes:

¹ Employment data for wage and salary workers are from the BLS Current Employment Statistics survey, which counts jobs, whereas self-employed, unpaid family workers, and agriculture, forestry, fishing, and hunting are from the Current Population Survey (household survey), which counts workers.

² Includes wage and salary data from the Current Employment Statistics survey, except private households, which is from the Current Populations Survey. Logging workers are excluded.

³ Includes agriculture, forestry, fishing, and hunting data from the Current Population Survey, except logging, which is from Current Employment Statistics survey. Government wage and salary workers are excluded.

Source: Employment Projections program, U.S. Bureau of Labor Statistics