



BAKERSFIELD COLLEGE: CAREER TECHNICAL EDUCATION

TWO YEAR PROGRAM REVIEW FORM

PROGRAM INFORMATION

Chair Name	Klint Rigby	Date	9-20-2018
Department	Industrial Technology	Discipline	Construction
Most Recent Program Plan Completed On		Date	Fall 2017
Most Recent Program Review Completed On		Date	Fall 2017
Faculty Name	Klint Rigby		
Email	krigby@	Telephone	661-395-4225

1. MEETS A DOCUMENTED LABOR MARKET DEMAND

Source of information (check all that apply)	
<input type="checkbox"/>	Bureau of Labor Statistics (http://www.bls.gov)
<input type="checkbox"/>	State of California Labor Market Information (www.labormarketinfo.edd.ca.gov/)
<input type="checkbox"/>	Advisory Committee Meeting held on _____ Attach Minutes
<input type="checkbox"/>	Professional Association _____
XX	Other _____ EMSI Modeling Specialists
Findings	This program meets a documented labor demand. See the information based on EMSI data and the following SOC descriptors: 11-9021 Construction Managers \$36.80/hour 79 annual openings 17-3022 Civil Engineering Technicians \$28.92/hour 13 annual openings 47-1011 First-Line Supervisors (Construction trades) \$29.52/hour 227 annual openings 47-2031 Carpenters \$14.75/hour 155 annual openings 47-3012 Helpers – Carpenters \$16.01/hour 6 annual openings

2. DOES NOT REPRESENT UNNECESSARY DUPLICATION OF OTHER MANPOWER TRAINING PROGRAMS IN THE AREA.

List programs from other institutions (private/fee based/public):				
<i>Name of Institution</i>	<i>Name of Program</i>	<i>Distance to College</i>	<i>Public/Private</i>	<i>Approx Enrollment</i>
			<input type="checkbox"/> Public <input type="checkbox"/> Private	
			<input type="checkbox"/> Public <input type="checkbox"/> Private	
			<input type="checkbox"/> Public <input type="checkbox"/> Private	
Findings	The only similar programs include work done at ROC and local trade unions. The program does not represent unnecessary duplication of manpower training programs.			

3. DEMONSTRATED EFFECTIVENESS AS MEASURED BY EMPLOYMENT AND COMPLETION OF STUDENTS

Core Indicator Data Reviewed	X Yes <input type="checkbox"/> No	Date 9-20-2018
Insert Scores Below:		
Success:	Completion:	Employment:
Non-Traditional:	Non-Traditional Completion:	
Findings	The program has very low numbers for enrollment and data is labeled as either N/A or N/R	

4. REVIEW/APPROVALS

Date	Signature	Title
		Department Head
		College Dean
Presentation to Curriculum Committee		Click here to enter a date.
Presentation to College Council		Click here to enter a date.

[Using EMSI / Educational Analyst / Programs / Program Report](#)**Run a historical Program Report for 2010 to 2015 to show the following data:**

TOP code(s) are you using for this report:	52.2001
Number of jobs within the above occupation(s) for 2013:	978
Number of jobs within the above occupations(s) for 2018:	892
Number and percent change (2013 to 2018):	-8.8%
Average hourly earnings for the above occupation(s):	\$36.80
Number of completions (awards) from our college 2013-2018:	0
Number of completions (awards) from regional colleges 2013-2018:	0

Then run a projection Program Report for 2015 to 2020 to show the following data:

Number of jobs within the above occupation(s) for 2018:	892
Number of jobs within the above occupations(s) for 2023:	833
Number and percent change (2018 to 2023):	-6.6%
Average hourly earnings for the above occupation(s):	\$36.80
Number of annual openings and total replacement jobs :	58

Does the above program meet a documented labor market demand? Please explain.

Yes. Despite declining numbers in overall jobs for this area, the number of annual openings continues to be high. Projected data forecasts a decrease of 6.6%, but some question this data based on the continued growth of the Kern County area as a destination for increased manufacturing and logistics hub (large new growth due to Amazon, Target, and similar employers moving into the area). These increases will likely lead to increased commercial and residential construction opportunities.

Using EMSI / Career Pathways / Occupation Analysis / Occupational Program Report

EMSI data was used for this report

List all related programs of study by other educational institutions in our region:

- Milan Institute (electrician only) (at least 1 but less than 2 academic years)
- SJVC (building/property maintenance) (at least 1 but less than 2 academic years)
- Cerro Coso (Business/Commerce, general) (Business Administration and Management, General)
- SBBC (Business/Commerce, general) (Business Administration and Management, General)
- Taft College (Business/Commerce, general) (Business Administration and Management, General)

Does the above program represent unnecessary duplication of training programs in our area? Please explain.

None of these programs deal specifically with construction and construction management in the way that the Bakersfield College program is designed. There is no duplication of training programs in this area.