



**BAKERSFIELD COLLEGE: CAREER TECHNICAL EDUCATION**

**TWO YEAR PROGRAM REVIEW FORM**

**PROGRAM INFORMATION**

|                                                       |                                        |            |                                                |
|-------------------------------------------------------|----------------------------------------|------------|------------------------------------------------|
| Chair Name                                            | Klint Rigby                            | Date       | 9/12/2018                                      |
| Department                                            | Industrial Technology                  | Discipline | Occupational Safety and Risk Management (OSRM) |
| Most Recent Program Plan Completed On: First Review   | Date                                   |            |                                                |
|                                                       | 9/12/2018                              |            |                                                |
| Most Recent Program Review Completed On: First Review | Date                                   |            |                                                |
|                                                       | 9/12/2018                              |            |                                                |
| Faculty Name                                          | Catherine Jones                        |            |                                                |
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**1. MEETS A DOCUMENTED LABOR MARKET DEMAND**

Source of information (check all that apply)

|                                     |                                                                                                                                       |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | Bureau of Labor Statistics ( <a href="http://www.bls.gov">http://www.bls.gov</a> )                                                    |
| <input type="checkbox"/>            | State of California Labor Market Information ( <a href="http://www.labormarketinfo.edd.ca.gov/">www.labormarketinfo.edd.ca.gov/</a> ) |
| <input checked="" type="checkbox"/> | Advisory Committee Meeting held on: <span style="float:right">Attach Minutes</span>                                                   |
| <input checked="" type="checkbox"/> | Professional Association: American Society of Safety Professionals                                                                    |
| <input checked="" type="checkbox"/> | Other: EMSI Modeling Specialists                                                                                                      |

**Findings** The first advisory board meeting was held on March 10, 2017 comprised of regional industry professionals who agreed there was a need for a formal OSRM educational program. The committee has continued to provide input and support for the program. The local chapter of American Society of Safety Professionals (ASSP) has also been supportive and affirming in the need for the program. ASSP maintains a job database, publishing regional job openings and distributing information to its members.

**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> |
|----------------------------|------------------------|----------------------------|--------------------------------------------|--------------------------|
| Taft College               | Industrial Safety      | 45 miles                   | <input checked="" type="checkbox"/> Public | 6                        |

**Findings** Taft College had 14 total completions in 2017, program and structure changes have negatively impacted enrollment. The Taft College program is substantively different than the Bakersfield College program in that it is not designed to prepare students for transfer to a baccalaureate program. The Bakersfield College program was designed to follow a traditional A.S. degree path as well as providing pathway transfer options.

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

|                              |                 |                                 |
|------------------------------|-----------------|---------------------------------|
| Core Indicator Data Reviewed | Yes X No        | Date 9/12/2018                  |
| Insert Scores Below: N/A     |                 |                                 |
| Success: N/A                 | Completion: N/A | Employment: N/A                 |
| Non-Traditional: N/A         |                 | Non-Traditional Completion: N/A |

**Findings** Occupational Safety and Risk Management (OSRM) is a new program, catalog published for 2018-2019 year, no data available

**4. REVIEW/APPROVALS**

|      |           |                 |
|------|-----------|-----------------|
| Date | Signature | Title           |
|      |           | Department Head |
|      |           | College Dean    |

|                                      |                                             |
|--------------------------------------|---------------------------------------------|
| Presentation to Curriculum Committee | <a href="#">Click here to enter a date.</a> |
| Presentation to College Council      | <a href="#">Click here to enter a date.</a> |
| Presentation to Board of Trustee     | <a href="#">Click here to enter a date.</a> |

[Using EMSI / Educational Analyst / Programs / Program Report](#)

**Run a historical Program Report for 2013 to 2018 to show the following data:**

What TOP code(s) are you using for this report? **0956.70**

- A) number of jobs within the above occupation(s) for 2013: 348
- B) number of jobs within the above occupations(s) for 2018: 432
- C) number and percent change (2013-2018): 84 +24.1%
- D) the average hourly earnings for the above occupation(s) \$30.38
- E) number of completions (awards) from our college 2013-2018: 0
- F) number of completions (awards) from regional colleges 2013-2018: 14

**Then run a projection Program Report for 2018 to 2023 to show the following data:**

- A) number of jobs within the above occupation(s) for 2018: 432
- B) number of jobs within the above occupations(s) for 2023: 444
- C) number and percent change (2018 to 2023): 12 +2.8%
- D) the average hourly earnings for the above occupation(s): median earnings \$30.38. 75<sup>th</sup> percentile earnings \$41.07
- E) number of annual openings and total replacement jobs 24

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

Kern County and the surrounding region has diverse industry and the need for safety professionals has increased. According the Bureau of Labor Statistics employment of safety specialists and technician will increase over the next decade. Further, the National Institute for Occupational Safety and Health concluded the need for safety professionals is “substantially higher than the number estimated to be produced from OS&H programs.” The local chapter of American Society of Safety Professionals maintains a job-board of local/regional position postings. Over the past several years, the number of postings has grown and diversified.

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

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

The Taft College Industrial Safety program had 14 completions (7 certificates and 7 degrees) in 2017.

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

The Taft College program is substantively different than the Bakersfield College program in that it is not designed to prepare students for transfer to a baccalaureate program. The Bakersfield College program was designed to follow a traditional A.S. degree path as well as providing pathway transfer options. In addition, the Bakersfield College program provides students the opportunity to tailor their degree to a particular area of interest.