

# Bakersfield College 2018-2019

## Program Review – Annual Update

Program Name: Occupational Safety and Risk Management

**Bakersfield College Mission:** Bakersfield College provides opportunities for students from diverse economic, cultural, and educational backgrounds to attain Associate and Baccalaureate degrees and certificates, workplace skills, and preparation for transfer. Our rigorous and supportive learning environment fosters students' abilities to think critically, communicate effectively, and demonstrate competencies and skills in order to engage productively in their communities and the world

### **Describe how the program supports the Bakersfield College Mission:**

Career Technical Education (CTE) is one of the stated missions of the California Community College system, and is embedded within the Bakersfield College mission stated above. The Occupational Safety and Risk Management (OSRM) program provides a broad instructional foundation in occupational safety and risk management principles enabling individuals who are currently employed the ability to advance their careers through additional skills and knowledge acquisition. The program offers four degree options to provide students the opportunity to cater their education to a specific industry sector.

Bakersfield College strives to foster students' abilities to think critically, communicate effectively, and demonstrate competencies and skills in order to engage productively in their communities and the world. These elements are also intrinsic to the safety and risk management profession and the OSRM program strives to embed this same mission within the program curriculum and expected student outcomes. Safety professionals must be able to think critically in order to identify and assess risks and hazards as well as design and implement effective control. Communication across all levels of an organization are important skills a safety professional must develop in order to effectively enlist the support and resources from management, achieve buy-in and compliance from the workforce, and effectively liaise with regulatory officials. Safety professionals strive to protect people, property, and profits taking a holistic approach including community engagement. The program mission is to: provide students with the necessary educational base to secure employment after obtaining the A.S. degree, to meet the education requirements for individuals pursuing professional certification, and to provide a pathway into a discipline-related baccalaureate program.

The core classes in the program include the following:

- Occupational Safety explores the theories and principles of workplace safety focusing on the evaluation and control of physical and mechanical hazards.
- Occupational Health explores the identification, recognition, evaluation, and control of health hazards in the workplace. Categories include biological, chemical, musculoskeletal, and physical.
- Occupational Regulations and Regulators explores the regulatory framework of applicable employment, environmental, and safety-related laws and enforcement agencies.
- Managing Employee Safety and Health examines the workers' compensation system, disability management principles, and the fundamental elements for managing an occupational safety and health program.

- Environmental Health and Hazardous Materials examines federal, state, and local regulations pertaining to environmental protection, hazardous materials handling, and hazardous waste management.
- Risk Management provides an examination of types of risk, risk assessment, risk treatment, and risk transfer options including contracts, waivers, and commercial insurance.

***Instructional Programs only:***

- A. List the degrees and Certificates of Achievement the program offers:
1. A.S. Occupational Safety and Risk Management, Agriculture
  2. A.S. Occupational Safety and Risk Management, Business
  3. A.S. Occupational Safety and Risk Management, Industrial Technology
  4. A.S. Occupational Safety and Risk Management, Health Sciences

Currently the program does not offer any certificates of achievement; however, plans are to introduce this option within the next school year.

- B. If your program offers a local degree in addition to the ADT degree, please explain the rationale for offering both.

The program does not offer its own specific ADT, however the ADT for Public Health is a sister pathway students can use if they desire to transfer to a CSU where Occupational Safety is located within a Health Science department. CSU Fresno and CSU Sacramento are two such programs.

**Program Goals:**

- A. List the program’s current goals. For each goal (minimum of 2 goals), discuss progress and changes. If the program is addressing more than two (2) goals, please duplicate this section. Please provide an action plan for each goal that gives the steps to completing the goal and the timeline.

**1. Program Goal: Increase Enrollment in the overall OSRM program and related courses**

**List the institutional goals from the Bakersfield College Strategic Plan that will be advanced upon completion of this goal?**

- |                                      |                           |
|--------------------------------------|---------------------------|
| ✓ Student Learning                   | Facilities                |
| ✓ Student Progression and Completion | Leadership and Engagement |

**Progress on goal achievement:** The OSRM program was not published in the Bakersfield College catalog until July 2018 for the 2018-2019 year. There was also no web presence until July 2018 when links to program degrees first became available. Other than links to the degree options, OSRM has no web presence. Despite the lack of information, the first course was offered in Fall of 2017 with four students enrolled in the OSRM program. The following semester enrollment was up to seven (pursuing program completion, not just taking safety courses), and in Fall of 2018 the number of students in the OSRM program is 11-13. Two students were lost to Columbia Southern University.

**Status Update – Action Plan and any link to Resource Requests:** There are a number of strategies and activities being pursued to address this goal.

Strategy/Activity	Status
1. Program Branding	The program is currently working with a graphic artist to design an OSRM program logo. The logo will then be used in the development of degree specific marketing and informational material, i.e. OSRM, Agriculture. The posters, flyers, and pathway materials will be used to market and publicize the program. Copies can be distributed around campus, including the Veterans Center, the counseling center, and the CTE center.
2. Website Development, Web Banner, and Pathway Information	A second component of branding is to create a program website. To promote traffic to the site, include a program announcement/notice as a web banner on the Bakersfield College homepage. In addition, because OSRM degrees cross industry and established BC Pathways, the OSRM degrees should be incorporated in the Pathway information for Agriculture, Business, and Public Health and on the websites for those programs. The OSRM program participates in the BC Ag Career Day.
3. Scheduling	Up to half of the current students are employed in the safety industry and are attending school part time. To better accommodate working professionals, all OSRM courses now follow a late afternoon or evening schedule.
4. General Education Credit	Inquiries have been made regarding the qualification of OSRM courses for general education credit within the local degree pattern. Early indications are that several of the courses may be good candidates to pursue for Area D or E. Providing general education credit could increase enrollment and exposure for the program.

**2. Program Goal: Establish a student section of the American Society of Safety Professionals at Bakersfield College**

**List the institutional goals from the Bakersfield College Strategic Plan that will be advanced upon completion of this goal?**

✓ Student Learning

✓ Student Progression and Completion

Facilities

✓ Leadership and Engagement

**Progress on goal achievement:**

Discussions began during the Spring 2018 semester about the formation of a BC ASSP student section. ASSP is the premier professional association for safety professionals and the Bakersfield Chapter is one of the most awarded and recognized chapters in the nation. Part of what makes the Bakersfield Chapter unique is the support for student success, job development, and professional development. The chapter offers several scholarships each year to selected student members. In addition, the chapter sponsors professional development conferences for chapter leadership, including student section officers. Establishing a successful student chapter provides students the opportunity to engage in leadership positions, network with industry professionals, and plan and participate in section activities. Once established, chapter officers would work with the BC Office of Student Services to align the section as a campus club.

**Status Update – Action Plan and link to Resource Requests**

The minimum number of students necessary to establish an ASSP student section is 10. Student recruitment has gone well, although we are not yet at the goal number, several students have volunteered to participate in section leadership and move the ball forward. This effort is ongoing.

**B. List new or revised goals (if applicable)**

**Program Goal: The OSRM program is new, therefore the current goals are still applicable. There are no revised goals.**

**Program Analysis:** Take a look at your trend data (all programs should have some form of data that is used to look at changes over time).

There is no trend data for this program, the OSRM program was first published in the college catalog in July 2018.

**Analysis of Received Resources from Previous Cycle** – Not Applicable, this is a new program. Resources have been allocated through Strongworkforce funding for the current cycle and are being expended.

### **Conclusion:**

Present any conclusions and findings about the program. This is an opportunity to provide a brief abstract or synopsis of your program's current circumstances and needs. Consider this a snapshot of your program if someone were to only read this portion of your annual program review.

New program development progress/status: Course and curriculum development for the OSRM program began in the Fall of 2016. Course approvals were obtained the following Spring. An advisory committee was formed, meeting in March 2017. The committee unanimously approved the scope and purpose of the program and validated industry need. The program was submitted to the Regional Consortium for approval, which was received mid-2017. Degree pathway options were identified, student education plans developed and the four degree options were submitted for approval. Final OSRM program approval was received by the State Chancellor's Office by April 2018. The OSRM program was published in the Bakersfield College catalog in July 2018.

Industry support for this program has been good and the partnership with ASSP has been strong. Initial efforts focused primarily on curriculum and program development. The next phase will focus on program branding, marketing, and student recruitment. The program has identified several industry partners who have expressed interest and support for participating in internship opportunities. These will be pursued. The safety profession is robust in our region and offers high-wage job opportunities. The OSRM program will prepare students to enter the safety profession, and will also serve to provide existing practitioners with professional development to advance their careers.