### MISSION STATEMENT:
The Safety, Health and Environmental Awareness program is designed for students to develop entry level skills in industrial safety, health, and environmental awareness. To earn a certificate in Safety, Health and Environmental Awareness.

### GOAL STATEMENT:
Courses will combine the technical know-how, use of state-of-the-art equipment, and hands-on experience necessary for students to obtain work in a variety of safety-related fields to include accident investigation, monitoring and enforcement of codes, ergonomics, and Occupational Safety Health Administration (OSHA) requirements.

<table>
<thead>
<tr>
<th>Intended Objectives/Outcomes</th>
<th>Assessment Criteria and Procedures</th>
<th>Implementation (what, when, who)</th>
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<tr>
<td>The graduates of the CTC-UAF Safety, Health and Environmental Awareness program will be able to:</td>
<td>Specific test results from PRT 110, OSH 108, and OSH 250 compiled and evaluated by subject area. In addition to these scores, key skill evaluations will be compiled from each of these courses to determine an overall rating for student demonstrated performance on the job safety analysis.</td>
<td>Review results annually with OSH faculty group to determine results and recommendations. Document overall results and continuous improvement recommendations.</td>
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<td>1. Each graduate will understand the importance of maintaining a safe workplace. In addition, the graduate will understand that safety standards must be maintained in compliance with regulatory requirements and within engineering limits. Upon completion of the program, he/she will be able to create a job safety analysis (JSA) for a given work project, and will be able to describe the appropriate OSHA regulations that apply.</td>
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<td>2. Each graduate will demonstrate an understanding of workplace injury prevention, risk management, and incident investigations.</td>
<td>Specific test results from OSH 108 and OSH 201 compiled and evaluated by subject area. In addition to these scores, key skill evaluations will be compiled from each of these courses to determine an overall rating for student demonstrated performance.</td>
<td>Review results annually with OSH faculty group to determine results and recommendations. Document overall results and continuous improvement recommendations.</td>
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<td>3. Each graduate will understand the role of safety in the business community. Graduates will demonstrate knowledge of safety recordkeeping and management, and the role of the safety manager.</td>
<td>Specific test results from OSH 108 and OSH 120 compiled and evaluated by subject area. In addition to these scores, key skill evaluations will be compiled from each of these courses to determine an overall rating for student demonstrated performance.</td>
<td>Review results annually with OSH faculty group to determine results and recommendations. Document overall results and continuous improvement recommendations.</td>
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4. Each graduate will understand the acute and chronic health effects of exposures to chemical, physical and biological agents in the workplace. Graduates will demonstrate knowledge of different types of exposure and biological effects, exposure guidelines and basic workplace monitoring. Specific test results from OSH 180 compiled and evaluated by subject area. In addition to these scores, key skill evaluations will be compiled from this course to determine an overall rating for student demonstrated performance. Review results annually with OSH faculty group to determine results and recommendations. Document overall results and continuous improvement recommendations.

5. Each graduate will understand the policies, procedures and equipment needed to deal with hazardous materials. Graduates will demonstrate knowledge of the types of hazards, planning, organization and training needed to work safely with hazardous materials. Specific test results from OSH 250 compiled and evaluated by subject area. In addition to these scores, key skill evaluations will be compiled from this course to determine an overall rating for student demonstrated performance. Review results annually with OSH faculty group to determine results and recommendations. Document overall results and continuous improvement recommendations.

6. Each graduate will pass a practice test (75% or higher) to determine their readiness to take the Board of Certified Safety Professionals (BCSP) Occupational Health Safety Technologist (OHST) exam. Passing the official test is the first step to receiving the nationally recognized OHST credential. Specific test results from OHST practice exam software will be compiled and evaluated by test subject areas. Review results annually with OSH faculty group to determine results and recommendations. Document overall results and continuous improvement recommendations.

7. Prepared for Safety, Health and Environmental Awareness career
   - Alumni and employer surveys.
   - Written and/or oral assessment by employers, graduates, and Advisory Committee members about sufficiency of students/graduates to carry out job functions.
   - Written assessment of employers or employer group about skills of employed graduates.
   Program head will conduct survey annually and provide information to the program review committee.

8. Students will meet expected outcomes in communications, computation, and human relations as listed by the core.
   - Student outcomes provided by core curriculum faculty in ENGL 111x, ENGL 213x, COMM 131/141x, DEV M 105, SOC 100x.
   Program Head will annually consult with listed programs to verify that student outcomes meet program requirements.
   Program review committee will annually assess that student’s core curriculum skills are reflected in their OSH and PRT work.

<revised 8/23/2015 Brian Ellingson>