

Assessment: Reporting Unit Four Column

Occupational Safety - B.S.

<i>Objectives</i>	<i>Assessment Methods</i>	<i>Results/Observations</i>	<i>Meaningful Changes</i>
<p>16-20 PLLO #1 (ONLINE PROGRAM) - Students will formulate a specific lesson plan for adult learners on a safety related training topic and deliver the prepared curriculum. Objective Status: Active Objective Type (Control-click to select multiple): 16-20 Plan, Occupational Safety and Health, Program-Level Learning Objectives (PLLO)</p>	<p>Development of safety training course, program, and evaluation of training effectiveness. Students will earn a minimum of a B on the overall course grade for OSH 450. Criterion: Demonstrate the attainment of a mean through assessing training needs, developing education and training strategies, and utilization of communication skills score for your assessed students that compares favorably to the current recognized ANSI and OSH standards. Schedule: Annually</p>	<p>Result Status: Result Open-Further action needed Result/Observation Type: Strength The Fall 2015 through Summer 2016 semesters were utilized by the OSH Program Faculty as a planning year. We will begin collecting data for the 2016-2020 plans in Fall of 2016. Due to increased demand to offer new course material, our OSH program has begun the development of OSH 370 - Process Safety Management and OSH 450 - Training Strategy for Safety Professionals. (10/14/2016) notes: No data was collected for this objective in Fall 2015 due to Program Planning Related Documents: Michael Schumann OSH 370 Development Fall A 2016.pdf Earl Blair OSH 450 Development Spring B 2017.pdf</p>	<p>Meaningful Changes: OSH Courses 370 & 450 were created/developed and offered for the first time this past Fall (2016-OSH 370) and Spring (2017-OSH 450). (05/01/2017) Meaningful Changes: Evaluate scores in order to improve course methodology, assignments and overall course objectives (10/14/2016)</p>
<p>16-20 PLLO #2 (ONLINE PROGRAM) - Students will apply hazard recognition skills and formulate an abatement strategic action plan. Anticipate, recognize, evaluate, and develop control strategies for hazardous conditions and work practices. Objective Status: Active Objective Type (Control-click to select multiple): 16-20 Plan, Occupational Safety and Health, Program-Level Learning Objectives (PLLO)</p>	<p>Measure #1: Measurement will be processed and based on the Job Hazard Analysis (JHA) final project on OSH 366, students should receive a “B” or better on this assignment. The assignment includes a systematic JHA with proper controls, analysis of air and noise sampling (Industrial Hygiene) techniques, calculation of exposure limits (PEL’s, REL’s, TLV’s, Ceilings), identification of safety hazards and citation of appropriate regulations. Criterion: Demonstrate the</p>		

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	<p>attainment of a mean through critical thinking techniques in the anticipation, recognition, and selection of appropriate control strategies for assessed students. Attainment of a mean score will be through analysis of students critical thinking techniques which include identification of safety and health hazards and proper application of current EPA, OSHA, ANSI, NIOSH, ASTM and other applicable governmental regulations and/or consensus standards or best work practices</p> <p>Schedule: Annually</p>		
	<p>Measure #2: Assessment of students safety performance in occupational safety lab practicums for student demonstrations and analysis of both safety and health hazards in which student must earn a minimum overall course grade of a "B" in OSH 366.</p> <p>Criterion: Must earn a minimum of B for course grade overall.</p> <p>Schedule: Annually</p>		
<p>16-20 PLLO #3 (ONLINE PROGRAM) - Students will apply legal principles and analysis with appropriate business planning and risk assessment skills to a worker's compensation issue to improve employer's organizational risk management and cost basis without significantly affecting employee morale or production standards.</p> <p>Objective Status: Active</p> <p>Objective Type (Control-click to select multiple): 16-20 Plan, Critical</p>	<p>Students will apply risk management concepts and identification of risk and assessment strategies for specific jobs and tasks within organizations. In class, students in OSH 366 will utilize those risk management strategies in course assignment(s) and will earn a minimum of a "B" for the overall course grade in OSH 366.</p> <p>Criterion: Demonstrate support for learning by documenting those students can moderate critical</p>		

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Thinking Learning Objective, Occupational Safety and Health, Program-Level Learning Objectives (PLLO)	<p>thinking skills sufficient to benefit from business and risk management programs within organizational safety management systems as part of the overall organization. Will earn an overall minimum course grade of a "B."</p> <p>Schedule: Annually</p>		
<p>16-20 PLLO #4 (ONLINE PROGRAM) - Students will examine presented facts from a re-created injury incident, evaluate for causation, formulate a countermeasure plan and assemble and deliver a presentation of the countermeasure plan to management level personnel.</p> <p>Objective Status: Active</p> <p>Objective Type (Control-click to select multiple): 16-20 Plan, Communication Skills Learning Objective, Critical Thinking Learning Objective, Occupational Safety and Health, Program-Level Learning Objectives (PLLO)</p>	<p>Students will demonstrate knowledge of incident/accident causation theories and application in incident/accident investigation through the development and completion of incident/accident forms and conducting a hands-on incident accident investigation. Students will earn an overall grade of "B" for OSH 410W.</p> <p>Criterion: Demonstrate comprehension and application of critical thinking using current accident causation theories and application in analysis of incident/accident causation. Students will perform the development of incident/accident forms, as well as policies regarding form completion, reporting systems, and abatement of incident/accident causation. Students will earn an overall course grade of "B."</p> <p>Schedule: Annually</p>		
<p>16-20 PLLO #5 (ONLINE PROGRAM) - Students will develop and critically evaluate a safety and health or environmental program or initiative(s).</p> <p>Objective Status: Active</p> <p>Objective Type (Control-click to select multiple): 16-20 Plan, Critical</p>	<p>Students will develop a safety management system(s) components which includes foundational items such as safety policy, procedures, forms and instructions, employee responsibilities and accountability, organizational charts, diagrams, etc. and they will score a minimum of a</p>		

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Thinking Learning Objective, Occupational Safety and Health, Program-Level Learning Objectives (PLLO)	<p>"B" as the overall course grade in OSH 410W.</p> <p>Criterion: Demonstrate ability to use critical thinking, organizational and analytical skills to develop a comprehensive safety management system using the fundamental aspects of the Plan, Do, Study Act in the development of a corporate safety manual. Students will score a minimum overall course grade of "B."</p> <p>Schedule: Annually</p>		
<p>16-20 PLLO #6 (ONLINE PROGRAM) - Students will utilize regulatory compliance, mathematical, and analytical skillsets in the anticipation, recognition, of safety and health hazards in the development in a Job Hazard Analysis (JHA).</p> <p>Objective Status: Active</p> <p>Objective Type (Control-click to select multiple): 16-20 Plan, Critical Thinking Learning Objective, Occupational Safety and Health, Program-Level Learning Objectives (PLLO)</p>	<p>Students will develop a high quality Job Hazard Analysis (JHA) Final Project that anticipates, identifies and recommends controls for existing and potential hazards. All controls must be feasible and effective in the prevention of workplace injuries and illnesses. Students will earn a "B" or higher on this JHA Final Project in OSH 366.</p> <p>Criterion: Demonstrate the ability to use critical thinking and analytical skills in developing a strategy for planning and developing a Job Hazard Analysis based on existing and potential safety and health hazards in the workplace and assign appropriate control measures. Students must score a minimum of "B" on this JHA assignment.</p> <p>Schedule: Annually</p>	<p>Result Status: Result Closed-No further action needed</p> <p>Result/Observation Type: Strength Increases in class size has required the recruitment of faculty/adjunct facilitators who have the credentials to teach OSH course material. (04/26/2017)</p> <p>Related Documents: OSH Approved Facilitators.xlsx</p>	<p>Meaningful Changes: A total of 3 facilitators have been added from Spring 2016-Spring 2017 (04/28/2017)</p>
<p>16-20 PLLO #7 (ONLINE PROGRAM) - Student will apply course curriculum materials in real world settings while being evaluated positively by employer and/or OSH faculty.</p>	<p>Non-international students who are participating in a Co-op (OSH 349) will complete the required hours in a timely manner and 70% of those students will receive a score of 4 or</p>		

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<p>Objective Status: Active Objective Type (Control-click to select multiple): 16-20 Plan, Occupational Safety and Health, Program-Level Learning Objectives (PLLO)</p>	<p>higher on the Co-Op Employer Evaluation survey. Criterion: Non-international students must complete in its entirety, their required co-op hours without pause or delay within the time frame and obtain a favorable evaluation from that co-op employer. Schedule: Annually</p>		
<p>16-20 PLLO #8 (ONLINE PROGRAM) - Assemble systematic feedback in order to establish continuous improvement efforts to the occupational safety curriculum. Objective Status: Active Objective Type (Control-click to select multiple): 16-20 Plan, Occupational Safety and Health, Program-Level Learning Objectives (PLLO)</p>	<p>Administering satisfaction surveys to senior students enrolled in OSH 495 prior to completion of academic degree program to determine deficiencies in the course curriculum. Criterion: Senior students demonstrating mastery of major course techniques, theories, measurements through application of governmental regulations in real world settings as well as student satisfaction with course and student learning objectives. Schedule: Annually</p>		
<p>16-20 PLLO #1 (CAMPUS PROGRAM) - Students will formulate a specific lesson plan for adult learners on a safety related training topic and deliver the prepared curriculum. Objective Status: Active Objective Type (Control-click to select multiple): 16-20 Plan, ABET, Campus , Occupational Safety and Health, Program-Level Learning Objectives (PLLO)</p>	<p>Course Exam - Development of safety training course, program, and evaluation of training effectiveness. Students will earn a minimum of a B on the overall course grade for OSH 450. Criterion: Demonstrate the attainment of a mean through assessing training needs, developing education and training strategies, and utilization of communication skills score for your assessed students that compares favorably to the current recognized ANSI and OSH standards.</p>		

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<p>16-20 PLLO #2 (CAMPUS PROGRAM) - Students will apply hazard recognition skills and formulate an abatement strategic action plan. Anticipate, recognize, evaluate and develop control strategies for hazardous conditions and work practices. Objective Status: Active Objective Type (Control-click to select multiple): 16-20 Plan, ABET, Campus , Occupational Safety and Health, Program-Level Learning Objectives (PLLO)</p>	<p>Schedule: Annually</p>	<p>Measure #1: Measurement will be processed and based on the Job Hazard Analysis (JHA) final project on OSH 366, students should receive a “B” or better on this assignment. The assignment includes a systematic JHA with proper controls, analysis of air and noise sampling (Industrial Hygiene) techniques, calculation of exposure limits (PEL’s, REL’s, TLV’s, Ceilings), identification of safety hazards and citation of appropriate regulations. Criterion: Demonstrate the attainment of a mean through critical thinking techniques in the anticipation, recognition, and selection of appropriate control strategies for assessed students. Attainment of a mean score will be through analysis of students critical thinking techniques which include identification of safety and health hazards and proper application of current EPA, OSHA, ANSI, NIOSH, ASTM and other applicable governmental regulations and/or consensus standards or best work practices.</p>	
	<p>Schedule: Annually</p>	<p>Measure #2: Assessment of students safety performance in occupational safety lab practicums for student demonstrations and analysis of both safety and health hazards in which student must earn a minimum overall course grade of a “B” in OSH 366. Criterion: Must earn a minimum</p>	

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	<p>course grade of "B" overall. Schedule: Annually</p>		
<p>16-20 PLLO #3 (CAMPUS PROGRAM) - Students will apply legal principles and analysis with appropriate business planning and risk assessment skills to a workers compensation issue to improve employers organizational risk management and cost basis without significantly affecting employee morale or production. Objective Status: Active Objective Type (Control-click to select multiple): 16-20 Plan, ABET, Campus , Occupational Safety and Health, Program-Level Learning Objectives (PLLO)</p>	<p>Students will apply risk management concepts and identification of risk and assessment strategies for specific jobs and tasks within organizations. In class, students in OSH 366 will utilize those risk management strategies in course assignment(s) and will earn a minimum of a "B" for the overall course grade in OSH 366. Criterion: Demonstrate support for learning by documenting those students can moderate critical thinking skills sufficient to benefit from business and risk management programs within organizational safety management systems as part of the overall organization. Will earn an overall minimum course grade of a "B." Schedule: Annually</p>		
<p>16-20 PLLO #4 (CAMPUS PROGRAM) - Students will examine presented facts from a re-created injury incident, evaluate for causation, formulate a countermeasure plan and assemble and deliver a presentation of the countermeasure plan to management level personnel. Objective Status: Active Objective Type (Control-click to select multiple): 16-20 Plan, ABET, Campus , Occupational Safety and Health, Program-Level Learning Objectives (PLLO)</p>	<p>Students will demonstrate knowledge of incident/accident causation theories and application in incident/accident investigation through the development and completion of incident/accident forms and conducting a hands-on incident accident investigation. Students will earn an overall grade of "B" for OSH 410W. Criterion: Demonstrate comprehension and application of critical thinking using current accident causation theories and application in analysis of incident/accident causation.</p>		

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	<p>Students will perform the development of incident/accident forms, as well as policies regarding form completion, reporting systems, and abatement of incident/accident causation. Students will earn an overall course grade of "B." Schedule: Annually</p>		
<p>16-20 PLLO #5 (CAMPUS PROGRAM) - Students will develop and critically evaluate a safety and health or environmental program initiative(s). Objective Status: Active Objective Type (Control-click to select multiple): 16-20 Plan, ABET, Campus , Occupational Safety and Health, Program-Level Learning Objectives (PLLO)</p>	<p>Students will develop a safety management system(s) components which includes foundational items such as safety policy, procedures, forms and instructions, employee responsibilities and accountability, organizational charts, diagrams, etc. and they will score a minimum of a "B" as the overall course grade in OSH 410W. Criterion: Demonstrate ability to use critical thinking, organizational and analytical skills to develop a comprehensive safety management system using the fundamental aspects of the Plan, Do, Study Act in the development of a corporate safety manual. Students will score a minimum overall course grade of "B." Schedule: Annually</p>		
<p>16-20 PLLO #6 (CAMPUS PROGRAM) - Students will utilize regulatory compliance, mathematical, and analytical skills in the anticipation and recognition of safety and health hazards in the development of a Job Hazard Analysis (JHA). Objective Status: Active Objective Type (Control-click to select multiple): 16-20 Plan, ABET, Campus , Occupational Safety and</p>	<p>Students will develop a high quality Job Hazard Analysis (JHA) Final Project that anticipates, identifies and recommends controls for existing and potential hazards. All controls must be feasible and effective in the prevention of workplace injuries and illnesses. Students will earn a "B" or higher on this JHA Final Project in OSH 366.</p>		

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<p>Health, Program-Level Learning Objectives (PLLO)</p>	<p>Criterion: Demonstrate the ability to use critical thinking and analytical skills in developing a strategy for planning and developing a Job Hazard Analysis based on existing and potential safety and health hazards in the workplace and assign appropriate control measures. Students must score a minimum of "B" on this JHA assignment.</p> <p>Schedule: Annually</p>		
<p>16-20 PLLO #7 (CAMPUS PROGRAM) - Students will apply program and course curriculum materials in real world settings while being evaluated positively by employer and/or OSH Faculty.</p> <p>Objective Status: Active</p> <p>Objective Type (Control-click to select multiple): 16-20 Plan, ABET, Campus , Occupational Safety and Health, Program-Level Learning Objectives (PLLO)</p>	<p>Non-international students who are participating in a Co-op (OSH 349) will complete the required hours in a timely manner and 70% of those students will receive a score of 4 or higher on the Co-Op Employer Evaluation survey.</p> <p>Criterion: Non-international students must complete in its entirety, their required co-op hours without pause or delay within the time frame and obtain a favorable evaluation from that co-op employer.</p> <p>Schedule: Annually</p>	<p>Result Status: Result Closed-No further action needed</p> <p>Result/Observation Type: Strength</p> <p>Placement of co-ops/internships are low at only thirteen students placed. (12/01/2015)</p> <p>Related Documents: Spring 2015 OSH Coops.xlsx Fall 2016 OSH Coops.xlsx</p>	<p>Meaningful Changes: Placement process for coops was changed in an attempt to increase student placement. (04/26/2017)</p> <p>Meaningful Changes: Evaluate employer evaluations in order to improve upon the real world industry experience our students receive in OSH 349. (10/11/2016)</p>
<p>16-20 PLLO #8 (CAMPUS PROGRAM) - Assemble systematic feedback from students in order to establish continuous improvement efforts to the occupational safety curriculum.</p> <p>Objective Status: Active</p> <p>Objective Type (Control-click to select multiple): 16-20 Plan, ABET, Campus , Occupational Safety and Health, Program-Level Learning Objectives (PLLO)</p>	<p>Administering satisfaction surveys to senior students enrolled in OSH 495 prior to completion of academic degree program to determine deficiencies in the course curriculum.</p> <p>Criterion: Senior students demonstrating mastery of major course techniques, theories, measurements through application of governmental regulations in real world settings as well as student satisfaction with course and student</p>		

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