Subject Matter Experts (SME) Review
New Safety Curriculum

Program/Course Reviewed: SAFE 220 – OSHA Electrical Standards

College: Lorain County Community College (LCCC) , 1005 N. Abbe Rd., Elyria, Ohio 44035

Reviewed By: ELSMART Associates, LLC (credentials of reviewers include Certified Safety Professional (CSP), Certified Industrial Hygienist (CIH), Certified Hazardous Material Manager (CHMM), Certified Environmental Trainer (CET), Registered Nurse (RN), Society Human Resources Manager – Certified Professional (SHRM-CP), Professional in Human Resources (**PHR**)) – Total years of experience for reviewers in Environmental, Safety, and Health over 100 years.

Date: 7-01-2018

Review scale definitions:

Exceptional: Review component is a "best practice" and represents a model for replication.

Very good: Review component is complete and effective.

Good: Review component is adequate but presents opportunities for improvement.

Ineffective: Review component is weak and in need of significant improvement.

No or Insufficient Evidence: Review component was not covered or information provided in the documents was insufficient for assessment.

Curriculum Map, Career Ladder/Stackable Credential Documentation, Syllabi	Excellent	Very Good	Good	Ineffective	No/Insufficient Evidence
1. Program CIP code/s appropriate to program title and outcomes.	X				
2. Effective program structure (prerequisites, course sequence, stackable credential-structure provide a clear, logical path to completion).	X				
3. Outcomes aligned to occupational focus (industry skills and standards) and prepare students for appropriate industry certification/s.	X				
4. Outcomes are clearly stated.	X				
5. Outcomes are introduced and reinforced effectively.	X				
6. Course objectives are clearly stated and measurable.	X				
7. In multi-course programs, course objectives support one or more program or student learning outcome. In single-course programs, modules support one or more course objective.	X				

Comments or recommendations specific to each section rated:
1.N/A
2. N/A
3. Outcomes aligned to occupational focus (industry skills and standards)
4. Outcomes are clearly stated.
5. Outcomes are introduced and reinforced effectively.
6. Course objectives are clearly stated and measurable
7. Supports all course objectives.
General comments or recommendations: Course is well organized and prepares students for EHS career.

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Instructional Materials and Lab Resources	Excellent	Very Good	Good	Ineffective	No/Insufficient Evidence
1. Support stated course or unit learning objectives.	X				
2. Meet/reflect current industry practices and standards.	X				
3. Provide options for multiple learning styles.			X		
4. Instructional materials are cited properly.	X				
5. There is evidence of materials and resources that support on-line or technology-enabled learning.	X				

Comments or recommendations specific to each section rated:
1. Learning objectives supported.
2. Reflect industry practices
3. Needs updated videos and other options for learning.
4. Material cited.
5. Great document **References** SAFE 220 – OSHA Electrical Standards
General comments or recommendations:
Great instructional materials and lab resources.

Overview Table: Objectives, Modules/Units, Learning Activities and Assessments	Excellent	Very Good	Good	Ineffective	No/Insufficient Evidence
1. Modules/units are linked to course objectives.	X				
2. Learning activities promote achievement of stated module/unit objectives.	X				
3. Learning activities provide opportunities for interaction and active learning.		X			
4. Learning activities provide options for multiple learning styles.			X		
5. Learning activities are linked to current industry practices, standards and certifications.	X				

6. Learning activities demonstrate evidence of innovation or enhancements to support adult learner success.		X			
7. Materials/resources (to include equipment, tools and software) are used in a way that students understand their purpose and use in industry settings.	X				
8. Assessments measure stated learning objectives and link to industry standards.	X				
9. Assessments align with course activities and instructional materials and resources.	X				
10. Assessments are sequenced throughout the instructional period to enable students to build on feedback.	X				
11. Assessments are varied and appropriate to content.		X			
12. Assessments provide opportunities for students to measure their own learning progress.		X			

Comments or recommendations specific to each section rated:
1. great course objectives
2. learning supported
3. more case studies, student presentations, and group projects
4. more options for varied learning styles
5. linked to real world EHS issues
6. innovation would include using gamification – kahoots, quizlet, and zip grade
7. material increase understanding of standards
8. Good assessments – quizzes for each section
9. Good assessments – quizzes for each section
10. Good assessments – quizzes for each section
11. Need to vary assessment activities.
12. May want to vary assessments to include case studies, presentations, and activities for groups.
General comments or recommendations:
Great learning activities.

Innovative or Enhanced Strategies	Excellent	Very Good	Good	Ineffective	No/Insufficient Evidence
1. Accelerate Entry into Career Programs Refine assessment, transform developmental education and add support services to meet the needs of participants	**X**				
2. Create Clear Pathways to STEM Careers Expand access to and/or develop new stacked and latticed credentials in programs that meet employer needs	**X**				
3. Improve Employment Attainment Collaborate with industry, WIBs, state, and community-based organizations to engage, guide and employ participants	**X**				
Comments or recommendations specific to each section rated: 1. Great education and support for knowledge development. 2. Understanding to and/or developed STEM career. 3. Increases employment opportunities. General comments or recommendations: Great course for new students and experience professionals to improve EHS efforts.					