



Subject Matter Experts (SME) Review New Safety Curriculum

Program/Course Reviewed: SAFE-215 – Fall Arrest System

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: 6-30-2018

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.

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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. Program CIP code/s appropriate
2. Prerequisites not defined
3. Old OSHA standards referenced, Not updated to new walking working surfaces.
4. Outcomes not clearly stated
5. Outcomes not clearly stated. Attempted to reinforce.
6. Objectives spotty at best. Ineffective.
7. Course misses general programmatic requirements.

General comments or recommendations:

Wrong regulatory standards and Hierarchy of Control not correctly identified.





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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 not clear.
2. Does not meet/reflect current industry practices and standards.
3. No options for multiple learning styles.
4. Instructional materials not cited properly.
5. No technology.

General comments or recommendations:

I would recommend use of summary document like ISBN 978-1-68008-492-4. Also, no discussion of roles in fall protection program.

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	

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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.					
11. Assessments are varied and appropriate to content.				X	
12. Assessments provide opportunities for students to measure their own learning progress.			X		
<p>Comments or recommendations specific to each section rated:</p> <ol style="list-style-type: none"> Objectives not stated clearly between syllabus and Power Point presentation. Few learning activities No active learning except case discussions. Only one learning style supported. OSHA standards not used and not linked to professional certifications. No innovation in instruction. Consider gamification like KAHOOT and Quizlet. No equipment or tools introduced. One in class assessment presented. No other assessment provided. One in class assessment presented. No other assessment provided. Assessments not programed into instruction. Assessments not varied. None provided No assessments for course. <p>General comments or recommendations: Modules should include What are walking-working surfaces, fall protection, ladders, Scaffolds, slips, trips, falls, and stairs. Considered varied assessment techniques.</p>					
Innovative or Enhanced Strategies	Excellent	Very Good	Good	Ineffective	No/Insufficient Evidence

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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. If taught to be competent person they would meet needs.
2. Application of scientific principles limits heuristics with fall protection.
3. Current course decrease employment attainment because of outdated material.

General comments or recommendations:

Course must be updated to 29 CFR Part 1910 Subpart D, ANSI, and recognized industry standards. Change course to walking working surfaces.

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