SME Course Syllabus Report

College: Lakeland Community College

Specific Course Reviewed: WELD 1040 Introduction to Fabrication and Mechanized Welding

Prepared By: Charles Cross, Consultant

Date Completed: 5/26/18

Submitted To: Lorain County Community College

Consultant Credentials: Charles Cross has a B.S. in Technology Education, M.Ed. in Technology Education, and is an American Welding Society (AWS) Certified Welding Inspector (CWI), Certified Welding Educator (CWE), and Certified Welding Supervisor (CWS). Mr. Cross gained tenure in public education as an Industrial Arts/Technology Education Instructor prior to his current employment earning a Golden Apple Award. Mr. Cross has been at his current employer, Lincoln Electric for over six years and is currently the Senior Customer Training Instructor at the Welding Technology Training Center. Current focus areas are industrial/educational training around welding and welding technologies.

Evaluation Method: The rubric below was used to evaluate that core curricula meets industry standards.

Review Scale Definitions:
0: Evident
1: Not Evident
N/A: Not Applicable

1. Program/Course Overview: *The overall design of this course is made clear to the student.*	**Evident**	**Not Evident**	**N/A**
1.1 The program/course objectives are clearly stated.	X		
1.2 Learning objectives are specific and appropriately designed for course.	X		
1.3 Learning objectives describe outcomes that are measurable.	X		
1.4 Course objectives/outcomes align to an occupational focus	X		
Comments or recommendations: Course objectives reference topics relevant to industry.			
2. Resources and Materials: *Instruction materials align with stated course objectives and outcomes.*	**Evident**	**Not Evident**	**N/A**
2.1 The instructional materials contribute to the achievement of the stated course learning objectives.	X		
2.2 The course materials, activities, and outcomes are relevant/reflect industry workforce development needs.	X		
2.3 The instructional materials on course content provide quality options for different learning styles.	X		
2.4 The learning activities are designed at an appropriate level for the course.	X		
2.5 Equipment/technology support course learning objectives and are relevant to industry.	X		
Comments or recommendations: It may add value to include hard automation like a bug or track system for semi-automatic welding before transitioning into robotic welding. Required text is most current edition.			

3. Learner Activities and Relevancy: *Course objectives and outcomes are relevant to students, industry and employers.*	**Evident**	**Not Evident**	**N/A**
3.1 Learning objectives describe outcomes that are measurable.	X		
3.2 Course outcomes and objectives provide content that is relevant to industry and employers.	X		
3.3 Instruction, activities, and assignments are relevant to and engaging to students.	X		
3.4 Learning activities align to industry workforce development initiatives.	X		
Comments or recommendations: A variety of methods of presentation are included to keep student engagement and address a variety of learning styles.			
4. Assessment and Measurement: *Assessment strategies use established ways to measure effective learning, evaluate student progress by reference, to stated learning objectives, and are designed to be integral to the learning process.*	**Evident**	**Not Evident**	**N/A**
4.1 The course evaluation criteria/course grading policy is stated clearly on the syllabus.	X		
4.2 Course-level assessments measure the stated learning objectives and are consistent with course activities and resources.	X		
4.3 Assessments are varied and appropriate to the content being assessed.	X		
Comments or recommendations: Grading procedures are clear on syllabus however course schedule table is blank.			

Overall Summary:

This syllabus is relevant to industry standards and includes a diverse range of topics on fabrication and mechanized welding. It is nice to see both core topics blended in one course as they complement each other so well. Since there is no hands-on welding provided in this course, it may add value to give lab demonstrations on core topics.

Reviewers Signature: Charles Cross **Date:** 5/26/18

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