

SME Report

College: Cuyahoga Community College

Specific Course Reviewed: ISET 2150 Robotic Welding Course Outline and Syllabus

Prepared By: Frank M Dragolich, Jr., Consultant

Date Completed: July 05, 2018

Submitted To: Lorain County Community College

Consultant Credentials: Frank Dragolich is a 29 year employee at The Lincoln Electric Company. He has worked in multiple departments over that 29 year stretch, including: consumables manufacturing, inspection, application engineering, and now technical training. During the 12 years he worked in the application engineering department, he had the opportunity to write hundreds of technical reports, and was used as an SME for multiple projects, including owner's manuals, technical welding guides, consumables catalogs, etc. He co-wrote multiple articles for the AWS Welding Journal, and co-wrote the Lincoln Electric Flux Cored Welding Guide. He has also been an SME for the technical education department, and is in the process of writing the new Lincoln Electric Submerged Arc Welding Guide. He is an AWS Certified Welding Inspector, Certified Welding Educator, and an ASNT ACCP Level II Visual Testing Inspector and is currently the supervisor for The Lincoln Electric Accredited Testing Facility (ATF). He is trained and fluent in all welding processes, and expert level in SAW (submerged arc welding) and FCAW (Flux cored arc welding).

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

Review Scale Definitions:

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

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

N/A: Not applicable

1. Course Outline	Effective	Ineffective	N/A
Course Outline – 3 Pages	X		
<i>Comments or recommendations:</i> Section VI of the outline, Part A, the word "Owner's" is misspelled. Recommendation to add "U-LINC" as a resource to Section VI. The outline is effective and easy to understand. The material presented is structured and the format is in a well-established order that The Lincoln Electric Company has used for 20 plus years.			
2. Syllabus	Effective	Ineffective	N/A
Syllabus – 3 Pages	X		
<i>Comments or recommendations:</i> The numbering within the subcategories of Section III Outcomes/Objectives is numbered incorrectly and does not match the outline. Additionally, in Section VI of the outline, Part A, the work "Owner's" is misspelled. I like that you have used U-LINC as a reference on the Syllabus.			

Reviewers Signature: Frank M Dragolich, Jr. **Date:** 7/5/2018

This work is adapted from the TREND Consortium Curriculum Review, Michigan Coalition for Advanced Manufacturing Subject Matter Expert Course Review, and the South West Arkansas Community College Consortium Syllabus Evaluation, all licensed under the Creative Commons Attribution 4.0 International License.

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