

SME Report

College: Columbus State Community College

Specific Course Syllabus Reviewed: SKTR 1380 Intro to MIG

Prepared By: Frank M Dragolich, Jr., Consultant

Date Completed: July 3, 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. Syllabus	Effective	Ineffective	N/A
Syllabus – 5 Pages	X		
<i>Comments or recommendations:</i> In the Course Student Learning Outcomes Section, "vee groove" should be listed as "V-Groove". Grading Scale is reading A, B, C, D, E...should read, A, B, C, D, F. In the paragraph in Section Special Course Requirements, subsection lab, the sentence is missing a semi-colon after the word "following" prior to "safety". Recommendation: In the weekly class schedule, week #2 row, GMAW should never be abbreviated as GMA. (3) references The overall layout and course content is clear and concise, making it easy for the students to understand and follow along. This eight week course covers a lot of material, but maintains its focus on GMAW and proper safety techniques.			

Reviewers Signature: Frank M Dragolich, Jr. **Date:** 7/3/2018

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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