

## SME Report

**College:** Columbus State Community College

**Specific Course Syllabus Reviewed:** SKTR 2080 Intermediate Stick and 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 – 6 Pages	X		
<i>Comments or recommendations:</i> In Course Student Learning Outcomes Section, third bullet, should read "SMAW" not "GMAW" In Course Student Learning Outcomes Section, eighth bullet, should read "GMAW" not "FCAW" Grading Scale is reading A, B, C, D, E...should read, A, B, C, D, F. Description of Course itemizes that the course will cover SMAW, GMAW and FCAW. The Course Student Learning Outcomes reflects the same information, however when reviewing the 16-week Course Outline, FCAW is not mentioned. This omission should be reviewed.  With the exception of the omission of FCAW content, this is a well thought out course with a clear, concise plan.			

**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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