

SME Report

College: OWENS Community College

Specific Course Reviewed: WLD 190 Welding Blueprint Reading PLA Assessment

Prepared By: Frank M Dragolich, Jr., Consultant

Date Completed: July 1, 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

WLD190 ASSESSMENT	Effective	Ineffective	N/A
Assessment – 50 Multiple Choice and T/F Questions	X		
Comments or recommendations: Formatting issues throughout entire document. On first line of test, missing the word NAME. Question 14, replace 90 with " 90° ". Question 15 is numbered as Question 159, needs corrected to " 15 ". Question 28, the answer should be "TRUE". Question 35 is an incomplete sentence. Question 42, Answer C should read " section lines". Question 49, need a closing parenthesis after "not visible".			
WLD190 ANSWER KEY	Effective	Ineffective	N/A
Answer Key – 50 Questions	X		
Comments or recommendations: Question 28, the answer should be "TRUE".			
WLD190 RUBRIC	Effective	Ineffective	N/A
Rubric	X		
Comments or recommendations: Ohio TAACCCT Disclaimer is missing from the test.			

Reviewers Signature: Frank M Dragolich, Jr. **Date:** 7/9/2018

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.

This workforce solution was funded by a grant awarded by the U.S Department of Labor's Employment and Training Administration. The solution was created by the grantee and does not necessarily reflect the official position of the U.S Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.



This work is licensed under the Creative Commons Attribution 4.0 International License. It is attributed to Ohio TechNet. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>.