

MERLOT – SKILLSCOMMONS Peer Reviewer Report Form (V 52218)

Name of Learning Material:	Robotic Arc Welding
SKILLSCOMMONS URL:	https://www.skillscommons.org/handle/taacct/10149
Learning Material URL:	
Reviewer's Name:	Robert E. Speckert
Date Review Completed:	29-Jun-18
Review Time Required:	.75 HR
Rejected? Y/N	N
Description	
1. Overview: Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps	This course is designed to give student's hands-on understanding of robotic arc welding. Topics to be covered include safely jogging the robot, setting up welding equipment, robotic welding teach pendent, robotic welding parameters, motion types, programming examples, saving and backing up robot programs and controller files. Students will develop robotic welding programs using robot controllers, application software and hardware.
2. Type of material: Animation, assessment tool, assignment, case study, collection, development tool, drill and practice, e-portfolio, learning object repository, online course, open journal article, open textbook, presentation, reference material, simulation/game, social networking tool, quiz/test, tutorial, workshop and training material.	Presentation
3. Technical requirements: Browser, software or plug-in, Java, HTML, Flash, etc. You can test how it appears on Internet Explorer at http://ipinfo.info/netrenderer/ Note type of device if it is an app (iPad, Android, phone, etc.)	
4. Identify major learning goals/ curriculum objectives: Purpose of site, goal for learner/user.	This material was taken directly from Fanuc Training materials. The content has very little instruction on the principles of robotic welding. Instead, it is content to specifically train someone how to use this specific Fanuc robot and controller. The material would not be useful for other robots.
5. Recommended uses: In-class, homework, individual, team, lecture, etc.	This is only useful for a Fanuc robot and the R-30iB Teach Pendant.
6. Target population: Level, course or subject matter, other user groups	Training on the Fanuc robot and R-30iB Teach Pendant
7. Prerequisite knowledge or skills needed: Course or subject matter, computer skills, other miscellaneous skills	Prior experience with welding and robot operation/programming
8. Application to industry recognized certification: Name of credential or certification.	This content is specific to Fanuc robot training on the R-30iB Teach Pendant

Evaluation and Observations: After reviewing the learning material, please indicate your agreement with the following statements by utilizing the scoring scale: 4=Strongly Agree; 3=Agree; 2=Disagree; 1=Strongly Disagree; and 0=N/A.

#1 Quality of Content – The Learning Material...	Strongly Agree: 4	Agree: 3	Disagree: 2	Strongly Disagree: 1	N/A: 0	TOTAL
...is clear and concise						0
...provides a complete demonstration of the concept						0
...demonstrates a core concept grounded in the discipline						0
...is current and relevant						0
...is supported by appropriate research						0
...is self-contained (can be used without requiring an assignment or context)						0
...provides accurate information						0
...is flexible (can be used in several situations)						0
...includes an adequate amount of material						0
...has strong workplace relevance						0
...integrates the concept well						0
Overall, the quality of the content is very high						0
Total: #1 Quality of Content						0

#2 Potential Effectiveness as a Teaching Tool/This Learning Material...	Strongly Agree: 4	Agree: 3	Disagree:2	Strongly Disagree: 1	N/A: 0	TOTAL
...identifies learning objectives		3				3
...identifies prerequisite knowledge		3				3
...reinforces concepts progressively		3				3
...builds on prior concepts		3				3
...demonstrates relationships between concepts		3				3
...is easy to integrate into curriculum assignments		3				3
...is very efficient (could learn a lot in a short time)		3				3
...can be used to measure student learning outcomes		3				3
Overall, learning material is a very effective teaching tool		3				3
Total: #2 Effectiveness as Teaching Tool		27	0	0	0	27

#3 Ease of Use – This Learning Material...	Strongly Agree: 4	Agree: 3	Disagree: 2	Strongly Disagree: 1	N/A: 0	TOTAL
...is easy to use		3				3
...has very clear instructions		3				3
...is engaging		3				3
...is visually appealing		3				3
...is interactive		3				3

...is of high design quality		3				3
...meets accessibility requirements if able to assess					0	0
...if an app, can be used on multiple types of mobile devices and platforms					0	0
						0
Total: #3 Ease of Use	0	18	0	0	0	18

Combined TOTAL scores (add together the totals as indicated above for #1, #2, #3)						45
Optional Information:						
Other comments to be included in the review: (If an app, respects privacy of user, meets PG rating standards, how frequently app is updated)	This content is useful for training on the Fanuc welding robot with the R-30iB Teach Pendant. It has very little use outside of this.					
Comments to author only: (Any needed improvements or recommendations should be addressed here.)						

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