MERLOT – SKILLSCOMMONS Peer Reviewer Report Form (V 52218)

Name of Learning Material:	WDT 109 SMAW Fillet/PAC/CAC
SKILLSCOMMONS URL:	https://www.skillscommons.org/handle/taaccct/2230
Learning Material URL:	
Reviewer's Name:	Carla Fitzpatrick
Date Review Completed:	7/2/18
Review Time Required:	1 hour
Rejected? Y/N	N
Description	
1. Overview: Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps	This course provides the student with instruction on safety practices and terminology in the Shielded Metal Arc Welding (SMAW) process. Emphasis is placed on safety, welding terminology, equipment identification, set-up and operation, and related information in the SMAW process. This course also covers the rules of basic safety and identification of shop equipment and provides the student with the skills and knowledge necessary for the safe operation of carbon arc cutting and plasma arc cutting. This is a CORE course.
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.	Online Course
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.	A1.1.1 Explain SMAW safety considerations. A1.1.2 Explain the use of personal protective equipment used when welding. A1.1.3 Describe OSHA requirements for handling hazardous materials. A1.1.4 Explain MSDS. A2.1.1 Define terms associated with SMAW welding. A2.1.2 Explain how to use applicable code requirements. A2.1.3 Identify welding code requirements. A2.1.4 Identify welding test requirements. A2.1.5 Identify applicable structural welding code. A2.1.6 Identify welding positions. A3.1.1 Explain the applicable welding filler metal classification system. A3.1.2 Explain different types of filler metals. A3.1.3 Describe procedures for storing filler metals. A3.1.4 Describe procedures for controlling filler metals. A3.1.5 Explain filler metals traceability requirements. B1.1.1 Explain welding electrical current. B1.1.2 Explain the function of each piece of SMAW equipment. B1.1.3 Describe SMAW equipment set-up and operation. B1.1.4 Explain the types and functions of electrodes. B1.1.5 Explain the function of tools for weld cleaning. B1.1.6 Describe the process of weld cleaning. B2.1.1 Explain procedures for striking and maintaining a welding arc B2.1.2 Differentiate between acceptable and unacceptable beads. B2.1.3 Match the electrode to its intended use. C1.1.1 Explain safety considerations while performing carbon arc welding and cutting activities. C1.1.2 Explain the components and function of carbon arc cutting equipment.
5. Recommended uses: In-class, homework, individual, team, lecture, etc.	in-class, lecture, hands on
6. Target population: Level, course or subject matter, other user groups	entry level welding
7. Prerequisite knowledge or skills needed: Course or subject matter, computer skills, other miscellaneous skills	none need
8. Application to industry recognized certification: Name of credential or certification.	yes

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		3				3
…provides a complete demonstration of the concept			2			2
…demonstrates a core concept grounded in the discipline		3				3

	Strongly Agree: 4	Agree: 3	Disagree: 2	Strongly Disagree: 1	N/A: 0	TOTAL
…is current and relevant		3				3
…is supported by appropriate research		3				3
…is self-contained (can be used without requiring an assignment or context)			2			2
…provides accurate information	4					4
…is flexible (can be used in several situations)	4					4
…includes an adequate amount of material			2			2
…has strong workplace relevance	4					4
…integrates the concept well		3				3
Overall, the quality of the content is very high			2			2
Total: #1 Quality of Content						35

#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	4					4
…identifies prerequisite knowledge	4					4
…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)			2			2
…can be used to measure student learning outcomes			2			2
Overall, learning material is a very effective teaching tool			2			2
Total: #2 Effectiveness as Teaching Tool						26

#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			2			2
…is visually appealing			2			2
…is interactive			2			2
…is of high design quality		3				3
…meets accessibility requirements if able to assess		3				3
…if an app, can be used on multiple types of mobile devices and					0	0
platforms						0
Total: #3 Ease of Use						18

Combined TOTAL scores (add together the totals as indicated above for #1, #2, #3						79

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)	
Comments to author only: (Any needed improvements or recommendations should be addressed here.)	Power point presentations are good but lacking teacher notes. Content does not include assignemnts or assesment test.