MERLOT – SKILLSCOMMONS Peer Reviewer Report Form (V 52218)

Name of Learning Material:	Hybrid PLC Mechatronics - Chapter 20 Safety Programming in the PLC
SKILLSCOMMONS URL:	https://www.skillscommons.org/handle/taaccct/18782
Learning Material URL:	https://hybridplc.org/wp-content/uploads/labs26_S.pdf https://hybridplc.org/wp-content/uploads/chap20_S.pdf
Reviewer's Name:	
Date Review Completed:	
Review Time Required:	
Rejected? Y/N	
Description	
1. Overview: Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps	In engineering, redundancy is the duplication of critical components or functions of a system with the intention of increasing reliability of the system, usually in the form of a backup or fail-safe, or to improve actual system performance. There is included a major lab demonstrating the implementation of the safe PLC by Siemens. The S7-1200 is used. Accompanying Video: PLC Series Chapter 20 - Safety Programming in the PLC (11:49) Hybrid Lab Text: Ch. 26 – Safety Lab
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 Module
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.	
5. Recommended uses: In-class, homework, individual, team, lecture, etc.	
6. Target population: Level, course or subject matter, other user groups	
7. Prerequisite knowledge or skills needed: Course or subject matter, computer skills, other miscellaneous skills	
8. Application to industry recognized certification: Name of credential or certification.	

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						4
…provides a complete demonstration of the concept						4
…demonstrates a core concept grounded in the discipline						4
…is current and relevant						4
…is supported by appropriate research						3
…is self-contained (can be used without requiring an assignment or context)						3
…provides accurate information						4
…is flexible (can be used in several situations)						3
…includes an adequate amount of material						4
…has strong workplace relevance						3
…integrates the concept well						4
Overall, the quality of the content is very high						4
Total: #1 Quality of Content						44

#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
…identifies prerequisite knowledge						4
…reinforces concepts progressively						4
…builds on prior concepts						4
…demonstrates relationships between concepts						4

…is easy to integrate into curriculum assignments						3
…is very efficient (could learn a lot in a short time)						4
…can be used to measure student learning outcomes						4
Overall, learning material is a very effective teaching tool						3
Total: #2 Effectiveness as Teaching Tool						34

#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						4
…has very clear instructions						4
…is engaging						3
…is visually appealing						4
…is interactive						3
…is of high design quality						4
…meets accessibility requirements if able to assess						3
…if an app, can be used on multiple types of mobile devices and						4
platforms						
Total: #3 Ease of Use						29

Combined TOTAL scores (add together the totals as indicated above for #1, #2, #3		107
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.)		