

MERLOT – SKILLSCOMMONS Peer Reviewer Report Form (V 52218)

Name of Learning Material:	Hybrid PLC Mechatronics - Chapter 3 PLCs and Processing I/O		
SKILLSCOMMONS URL:	https://www.skillscommons.org/handle/taacct/18765		
Learning Material URL:	https://hybridplc.org/wp-content/uploads/chap3_S.pdf	https://www.youtube.com/watch?v=2IKvI3QVHc8	https://www.youtube.com/watch?v=2IKvI3QVHc8
Reviewer's Name:			
Date Review Completed:			
Review Time Required:			
Rejected? Y/N			

Description	<p>The purpose of this chapter is to discuss what parts constitute a modern PLC and how these parts interface. The topology of a PLC system is also discussed as to how PLCs are distributed in a manufacturing environment to best control a process efficiently.</p> <p>Inputs and outputs complete the PLC with inputs reporting the status of the system and outputs controlling the sequencing of the process.</p> <p>Two videos are included. The first is a lecture review of the chapter while the second demonstrates the log-in and download procedure for a new program with no content to both PLCs used in the course (Siemens and Allen-Bradley).</p> <p>Accompanying Video:</p> <p>PLC Series Chapter 3 (Part 1/2)- PLCs and Processing I/O 1:01:36</p> <p>PLC Series Chapter 3 (Part 2/2) - How to Set-up Hardware and Software 36:01 (see Additional Public Access to Materials below)</p>
1. Overview: Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps	Online Course Module
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.	
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						3
...is current and relevant						4
...is supported by appropriate research						3
...is self-contained (can be used without requiring an assignment or context)						4
...provides accurate information						4
...is flexible (can be used in several situations)						4
...includes an adequate amount of material						4
...has strong workplace relevance						4
...integrates the concept well						4
Overall, the quality of the content is very high						4
Total: #1 Quality of Content						46

#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
...identifies prerequisite knowledge						3
...reinforces concepts progressively						4
...builds on prior concepts						4
...demonstrates relationships between concepts						4
...is easy to integrate into curriculum assignments						4
...is very efficient (could learn a lot in a short time)						3
...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						32

#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						4
...is visually appealing						3
...is interactive						4
...is of high design quality						4
...meets accessibility requirements if able to assess						4
...if an app, can be used on multiple types of mobile devices and platforms						3
Total: #3 Ease of Use						33

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

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.)	

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