

MERLOT – SKILLSCOMMONS Peer Reviewer Report Form (V 52218)

Name of Learning Material:	Programmable Controls I
SKILLSCOMMONS URL:	https://www.skillscommons.org/handle/taaccct/17746
Learning Material URL:	
Reviewer's Name:	Rob Speckert
Date Review Completed:	5-Sep-22
Review Time Required:	50 minutes
Rejected? Y/N	N
Description	Excellent
<p>1. Overview: Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps</p>	<p>The course is a study of the installation, programming and troubleshooting of programmable controlled systems currently used in an industrial environment. The focus will be on Installation, Programming, Engineering and Maintenance tasks performed with PLC systems. The primary PLC used for this class will be the Allen Bradley SLC-500 and CompactLogix, using RSLogix 500, RSLogix5000 and RSLinx software. The topics presented will be learned through Online instructional material, and hands on labs.</p> <p>After completing this course the student will:</p> <ol style="list-style-type: none"> 1. Explain the function of a PLC in an industrial environment 2. Set up communications between a PLC and a programming panel 3. Configure and program an Allen Bradley SLC-500 system. 4. Install and maintain basic control system based on the SLC-500 5. Troubleshoot an Allen Bradley SLC-500 system. 6. Program an Allen Bradley CompactLogix with RSLogix5000 7. Maintain and troubleshoot an Allen Bradley CompactLogix system 8. Interpret AB PLC-5 hardware addressing & block transfer instructions
<p>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.</p>	Hybrid/Blended 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.

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.

No access problems
Well done. Clear and concise.
In Class or Individual work. The material is very well structured.
Adults, college students
Knowlegde of electricity/electronics
Very much applied.

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	4					
...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	48					48

#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	4					
...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	4					
Total: #2 Effectiveness as Teaching Tool	36					36

#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	4					
...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					0	
Total: #3 Ease of Use	28					28

Combined TOTAL scores (add together the totals as indicated above for #1, #2, #3)	112
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 is excellent material. It is detailed, well organized, and relevant to industry.
Comments to author only: (Any needed improvements or recommendations should be addressed here.)	Excellent work.

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