



MERLOT – SKILLSCOMMONS Peer Reviewer Report Form (V 52218)

Name of Learning Material:	Programmable Controller II
SKILLSCOMMONS URL:	https://www.skillscommons.org/handle/taaccct/17895
Learning Material URL:	
Reviewer's Name:	Rob Speckert
Date Review Completed:	6-Sep-22
Review Time Required:	30 minutes
Rejected? Y/N	Y
Description	This is excellent material.

<p>1. Overview: Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps</p>	<p>This course is an in depth study of the Allen Bradley CompactLogix system, and how to use RSLogix5000 programming software to program, monitor and troubleshoot a system. The primary focus will be on the processor memory structure, the intermediate instruction set, analog I/O modules and using the RSLogix5000 software. Students will learn all the data structures used across most industrial PLCs, as well as a Tag based system, versus an address based system (SLC-500). Learning how the instructions work within a program will be a critical part of skills development for troubleshooting. A critical part of this course is learning how to search for objects in the L5000 project with RSLogix5000, as a method of increasing troubleshooting efficiency. Students will also learn of the different programming languages used for the ControlLogix platform (Ladder Logic, Structured Text, Sequential Function Charts). After completing this course the student will:</p> <ol style="list-style-type: none"> 1. Configure and Troubleshoot CompactLogix Comparison Instructions. 2. Configure and Troubleshoot CompactLogix Move/Logical Instructions. 3. Configure and Troubleshoot CompactLogix File/Misc. Instructions. 4. Configure and Troubleshoot the CompactLogix Sequencer (SQO) instruction. 5. Configure and Troubleshoot CompactLogix Program Control Instructions. 6. Interpret and configure CompactLogix data types and Tag types. 7. Configure and Troubleshoot CompactLogix project structures. 8. Manipulate RSLogix5000 to search for ladder & data objects for troubleshooting. 9. Manipulate RSLogix5000 to add/modify/display project documentation for troubleshooting. 10. Configure and Troubleshoot Analog I/O module
<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>	<p>Hybrid/Blended Course</p>
<p>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.)</p>	

4. Identify major learning goals/ curriculum objectives: Purpose of site, goal for learner/user.	Clearly stated
5. Recommended uses: In-class, homework, individual, team, lecture, etc.	Individual, in-class, lab activity
6. Target population: Level, course or subject matter, other user groups	Second year college
7. Prerequisite knowledge or skills needed: Course or subject matter, computer skills, other miscellaneous skills	Programmable Controller II
8. Application to industry recognized certification: Name of credential or certification.	Very much applied to industry

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 outstanding material. It is well organized and thorough.	
Comments to author only: (Any needed improvements or recommendations should be addressed here.)	Excellent work	

