## **MERLOT**

... demonstrates relationships between concepts

...is easy to integrate into curriculum assignments ...is very efficient (could learn a lot in a short time)

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	t Form (V 52218)					
Name of Learning Material:	Hybrid PLC Mechatronics - Chapter 14 OOP					
SKILLSCOMMONS URL:	https://www.skillscommons.					
	org/handle/taaccct/18776 https://hybridplc.org/wp-content/uploads/labs15_S.	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
Learning Material URL:	<u>pdf</u>	content/uploads/chap14_S.pdf	https://www.youtube.com/watch?v=bR_eTzCC	LyE_		
Reviewer's Name:						
Date Review Completed:						
Review Time Required:						
Rejected? Y/N						
Description						
<ol> <li>Overview: Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps</li> </ol>	OOP is short for Object Oriented Programming and implies an object is the focus of the program. This chapter discusses the use of objects in PLC programming and their use for making programs that are more readable. Siemens FC's and FB's (Functions and Function Blocks) are discussed. Accompanying Video: PLC Series Chapter 14 - OOP					
	(40:43) Hybrid Lab Text:					
2. Type of material: Animation, assessment tool, assignment,	Ch. 15 - Siemens FC and FB Programming					
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						
usor groups						
user groups						
7. Prerequisite knowledge or skills needed: Course or subject						
<ol> <li>Prerequisite knowledge or skills needed: Course or subject matter, computer skills, other miscellaneous skills</li> </ol>						
<ol> <li>Prerequisite knowledge or skills needed: Course or subject matter, computer skills, other miscellaneous skills</li> <li>Application to industry recognized certification: Name of credential or certification.</li> </ol>						
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P. Perequisite knowledge or skills needed: Course or subject matter, computer skills, other microalineaous skills P. Application to industry recognized certification: Name of credential or certification. Evaluation and Observations: After reviewing the tearning material plaes indicate your agreement with the following statements by utilizing the scoring scale: 4-Strongk Agree; 2-Disagree; 1-Strongky Disagree; and 0+1/A. #1 Quality of Content – The Learning Material is clear and concise genovides a complete demonstration of the concept demonstrates a core concept grounded in the discipline is surrent and relevant is supported by appropriate research is supported by appropriate research is flexible (can be used in several situations) integrates the concept well Overall, the quality of the content is very high Total: #1 Quality of Content #2 Potential Effectiveness as a Teaching Too//This Learning Material identifies learning objectives	Strongly Agree: 4		Image:			3 3 4 4 4 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4
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P. Perequisite knowledge or skills needed: Course or subject matter, computer skills, other microalineaous skills P. Application to industry recognized certification: Name of credential or certification. Evaluation and Observations: After reviewing the tearning material plaes indicate your agreement with the following statements by utilizing the scoring scale: 4-Strongk Agree; 2-Disagree; 1-Strongky Disagree; and 0+1/A. #1 Quality of Content – The Learning Material is clear and concise genovides a complete demonstration of the concept demonstrates a core concept grounded in the discipline is surrent and relevant is supported by appropriate research is supported by appropriate research is flexible (can be used without requiring an assignment or context) ins flexible (can be used in several situations) integrates the concept well Overall, the quality of the content is very high Total: #1 Quality of Content #2 Potential Effectiveness as a Teaching Too//This Learning Material identifies learning objectives	Strongly Agree: 4		Image:			3 3 4 4 4 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4

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

indicated above for #1, #2, #3	101
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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