

**MERLOT – SKILLSCOMMONS Peer Reviewer Report Form (V 5/22/18)**

<b>Name of Learning Material:</b>	Hybrid PLC Mechatronics - Chapter 17 Motion
<b>SKILLSCOMMONS URL:</b>	<a href="https://www.skillscommons.org/handle/haccsc1287729">https://www.skillscommons.org/handle/haccsc1287729</a>
<b>Learning Material URL:</b>	<a href="https://hybridplc.org/wp-content/uploads/labs18_5.pdf">https://hybridplc.org/wp-content/uploads/labs18_5.pdf</a> <a href="https://hybridplc.org/wp-content/uploads/labs19_5.pdf">https://hybridplc.org/wp-content/uploads/labs19_5.pdf</a> <a href="https://hybridplc.org/wp-content/uploads/labs20">https://hybridplc.org/wp-content/uploads/labs20</a> <a href="https://hybridplc.org/wp-content/uploads/labs29">https://hybridplc.org/wp-content/uploads/labs29</a> <a href="https://hybridplc.org/wp-content/uploads/chap17_vxSoTINGUno">https://hybridplc.org/wp-content/uploads/chap17_vxSoTINGUno</a> <a href="https://www.youtube.com/watch?https://www.youtube.com/watch?v=An7R6x7LQGs">https://www.youtube.com/watch?https://www.youtube.com/watch?v=An7R6x7LQGs</a>
<b>Reviewer's Name:</b>	
<b>Date Review Completed:</b>	
<b>Review Time Required:</b>	
<b>Rejected? Y/N</b>	
<b>Description</b>	<p>This chapter covers the topic of motion control through the PLC to stepper and servo motor devices. Stepper motors are used traditionally for low torque applications with no feedback. The servo on the other hand can handle higher torque applications and requires a feedback device.</p> <p>Accompanying Video:</p> <p>PLC Series Chapter 17 (1/2) - Motion (1:44:23)</p> <p>PLC Series Chapter 17 (2/2) – Allen Bradley Servo Lab (7:30)</p> <p>Hybrid Lab Text:</p> <p>Ch. 18 – Single Axis Stepper Control</p> <p>Ch. 19 – Stepper using 3D Printer Stepper Motor</p> <p>Ch. 20 – Single Axis Servo Control</p> <p>Ch. 29 – Flame (see Additional Public Access to Materials below)</p> <p>1. <b>Overview:</b> Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps</p> <p>2. <b>Type of material:</b> 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/games, social networking tool, quiz/test, tutorial, workshop and training material.</p> <p>3. <b>Technical requirements:</b> Browser, software or plugin, java, HTML, Flash, etc. You can test how it appears on Internet Explorer at <a href="http://ipinfo.info/netrenderer/">http://ipinfo.info/netrenderer/</a>. Note type of device if it is an iPad, iPod, Android, phone, etc.</p> <p>4. <b>Identify major learning goal/curriculum objectives:</b> Purpose of site, goal for learner/user.</p> <p>5. <b>Recommended uses:</b> In-class, homework, individual, team, lecture, etc.</p> <p>6. <b>Target population:</b> Level, course or subject matter, other user groups</p> <p>7. <b>Prerequisite knowledge or skills needed:</b> Course or subject matter, computer skills, other miscellaneous skills</p> <p>8. <b>Application to industry recognized certification:</b> Name of credential or certification.</p> <p><b>Evaluation and Observations:</b> 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.</p>
<b>Online Course Module</b>	

#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)						3
...provides accurate information						4
...is flexible (can be used in several situations)						4
...includes an adequate amount of material						3
...has strong workplace relevance						4
...integrates the concept well						4
Overall, the quality of the content is very high						3
<b>Total: #1 Quality of Content</b>						<b>45</b>

#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)						3
...can be used to measure student learning outcomes						4
Overall, learning material is a very effective teaching tool						4
<b>Total: #2 Effectiveness as Teaching Tool</b>						<b>34</b>

#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						3
...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
<b>Total: #3 Ease of Use</b>						<b>30</b>

**Combined TOTAL scores (add together the totals as indicated above for #1, #2, #3)** **109**

**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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 This product was funded by a grant from the U.S. Department of Labor, Employment and Training Administration.

