Name of Learning Material: Hybrid PLC Mechatronics - Chapter 16 Networks and Protocols
SKILLSCOMMONS URL: https://www.skillscommons.org/handle/taaccct/18778
https://www.youtube.com/watch?v=kJBXL30wbh4
Reviewer's Name:
Date Review Completed:
Review Time Required:
Rejected? Y/N
Description
1. Overview:
Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps
Ethernet, TCP/IP and other networking principles are discussed. It is important for the student to master the principles of networking, however, as they pertain to the factory floor. The use of addresses is discussed when setting up devices.
Accompanying Video:
PLC Series Chapter 16 - Networks and Protocols (45:01)
Hybrid Lab Text:
Ch. 17 Various Communication Projects
2. Type of material:
Animation, assessment tool, assignment, case study, collection, development tool, drill and practice, e-journal, learning object repository, online course, open journal article, open textbook, presentation, reference material, simulation/game, social networking tool, 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: Strongly Agree: 4; Agree: 3; Disagree: 2; Strongly Disagree: 1; N/A: 0.
#1 Quality of Content – The Learning Material:
... is clear and concise
... provides a complete demonstration of the concept
... demonstrates a core concept grounded in the discipline
... is current and relevant
... is supported by appropriate research
... is self-contained (can be used without requiring an assignment or context)
... provides accurate information
... is flexible (can be used in several situations)
... includes an adequate amount of material
... has strong workplace relevance
... integrates the concept well
... Overall, the quality of the content is very high
Total: #1 Quality of Content

#2 Potential Effectiveness as a Teaching Tool/This Learning Material:
... identifies learning objectives
... identifies prerequisite knowledge
... reinforces concepts progressively
... builds on prior concepts
... demonstrates relationships between concepts
... is easy to integrate into curriculum assignments
... is very efficient (could learn a lot in a short time)
Total: #2 Potential Effectiveness as a Teaching Tool/This Learning Material
Learning materials can be used to measure student learning outcomes.

Overall, learning materials are a very effective teaching tool.

<table>
<thead>
<tr>
<th>Total: #2 Effectiveness as Teaching Tool</th>
<th>33</th>
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</thead>
</table>

### #3 Ease of Use – This Learning Material:

<table>
<thead>
<tr>
<th>Item</th>
<th>Strongly Agree: 4</th>
<th>Agree: 3</th>
<th>Disagree: 2</th>
<th>Strongly Disagree: 1</th>
<th>N/A: 0</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>...is easy to use</td>
<td></td>
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<tr>
<td>...has very clear instructions</td>
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<td>...is engaging</td>
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<td>...is visually appealing</td>
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<tr>
<td>...is interactive</td>
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<tr>
<td>...is of high design quality</td>
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<tr>
<td>...meets accessibility requirements if able to assess</td>
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<td>...an app, can be used on multiple types of mobile devices</td>
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</tbody>
</table>

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

110

Optional Information:

Other comments to be included in the review. (If an app, respects privacy of user, meets the rating standards, how frequently app is updated)

Comments to author only: (Any needed improvements or recommendations should be addressed here.)

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