MERLOT – SKILLSCOMMONS Peer Reviewer Report Form (V 52218)

Name of Learning Material:	AC Electrical Circuit Analysis AC Electrical Circuit Analysis: A Practical Approach A Practical Approach - Open Textbook
SKILLSCOMMONS URL:	https://www.skillscommons.org/handle/taaccct/18786
Learning Material URL:	https://hybridplc.org/wp-content/uploads/ACElectricalCircuitAnalysis.pdf
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	Welcome to the AC Electrical Circuit Analysis, an open educational resource (OER). The goal of this text is to introduce the theory and practical application of analysis of AC electrical circuits. It assumes familiarity with DC circuit analysis. If you have not studied DC circuit analysis, it is strongly recommended that you read the companion OER text, DC Electrical Circuit Analysis before continuing. Both texts are offered free of charge under a Creative Commons non-commercial, share-alike with attribution license. For your convenience, along with the free pdf and odt files, print copies are available at a very modest charge. Check my web sites for links. This text is based on the earlier Workbook for AC Electrical Circuits, which it replaces. The original expository text has been greatly expanded and includes many examples along with computer simulations. For the convenience of those who used the Workbook, many of the problem sets are the same, with some re-ordering depending on the chapter.
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.	Open Textbook
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:
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

#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						3
…identifies prerequisite knowledge						3
…reinforces concepts progressively						4
…builds on prior concepts						4

...demonstrates relationships between concepts					3
...is easy to integrate into curriculum assignments					3
...is very efficient (could learn a lot in a short time)					4
...can be used to measure student learning outcomes					3
Overall, learning material is a very effective teaching tool					4
Total: #2 Effectiveness as Teaching Tool					31

#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						3
...is engaging						3
...is visually appealing						3
...is interactive						4
...is of high design quality						4
...meets accessibility requirements if able to assess						3
...if an app, can be used on multiple types of mobile devices and						4
platforms						
Total: #3 Ease of Use						28

Combined TOTAL scores (add together the totals as indicated above for #1, #2, #3	107
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.)	