

MERLOT – SKILLSCOMMONS Peer Reviewer Report Form (V 52218)

Name of Learning Material:	Mechanical Components
SKILLSCOMMONS URL:	https://www.skillscommons.org/handle/taacct/10929
Learning Material URL:	
Reviewer's Name:	Rob Speckert
Date Review Completed:	8/15/18
Review Time Required:	1 Hr
Rejected? Y/N	N

Description	This is a basic course on drafting, CAD, mechanical components; belts, pulleys, gears, motor mounting, and mechanical systems.
1. Overview: Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps	Learning materials include: Module 1 Blueprint Reading [Opens in New Window] Module 2 Technical Drawing and Computer Aided Design [Opens in New Window] Module 3 Mechanics I [Opens in New Window] Module 4 Mechanics II Module 5 Mechanical Drives and Safety Module 6 Power Transmissions and Shafts Module 7 Machine Elements (Belts, Chains, Gears) 3rd Party Mechanical Material Review
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.	Collection
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.	The key learning goals are not clear. This material needs a master syllabus
5. Recommended uses: In-class, homework, individual, team, lecture, etc.	Self-directed; hands on labs. Very basic material.
6. Target population: Level, course or subject matter, other user groups	HS or entry level college
7. Prerequisite knowledge or skills needed: Course or subject matter, computer skills, other miscellaneous skills	None
8. Application to industry recognized certification: Name of credential or certification.	None

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.

The material is very basic but good. It needs organization. There needs to be a master syllabus. The absence of a syllabus makes it hard to follow the learning flow.

#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		3				3
...provides a complete demonstration of the concept			2			2
...demonstrates a core concept grounded in the discipline		3				3
...is current and relevant	4					4
...is supported by appropriate research		3				3
...is self-contained (can be used without requiring an assignment or context)			2			2
...provides accurate information	4					4
...is flexible (can be used in several situations)		3				3
...includes an adequate amount of material		3				3
...has strong workplace relevance	4					4
...integrates the concept well			2			2
Overall, the quality of the content is very high			2			2
Total: #1 Quality of Content	12	15	8			35

#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			2			2
...identifies prerequisite knowledge			2			2
...reinforces concepts progressively			2			2
...builds on prior concepts			2			2
...demonstrates relationships between concepts			2			2
...is easy to integrate into curriculum assignments			2			2
...is very efficient (could learn a lot in a short time)			2			2
...can be used to measure student learning outcomes		3				3
Overall, learning material is a very effective teaching tool		3				3
Total: #2 Effectiveness as Teaching Tool		6	14			20

#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			2			2
...has very clear instructions			2			2
...is engaging				1		1
...is visually appealing			2			2
...is interactive		3				3
...is of high design quality				1		1
...meets accessibility requirements if able to assess					0	0
...if an app, can be used on multiple types of mobile devices and					0	0
platforms					0	0
Total: #3 Ease of Use		3	6	2	0	11

Combined TOTAL scores (add together the totals as indicated above for #1, #2, #3)	66
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 material has merit albeit at a low level. It needs to be organized. A syllabus is needed.
Comments to author only: (Any needed improvements or recommendations should be addressed here.)	

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