MERLOT – SKILLSCOMMONS Peer Reviewer Report Form (V 52218)

Name of Learning Material:	MTE130: Metrology FRCC
SKILLSCOMMONS URL:	https://www.skillscommons.org/handle/taaccct/278
Learning Material URL:	
Reviewer's Name:	Carla Fitzpatrick
Date Review Completed:	6/16/18
Review Time Required:	1 hour
Rejected? Y/N	**N**
Description	
1. Overview: Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps	MTE130: Metrology exposes the student to the principles of dimensional metrology. Students will learn how to use common measuring instruments relating to state-of-the-art manufacturing environments. Students will also learn the importance of Quality Control, TQM, and SPC processes as they relate to manufacturing environments. Use of a coordinate measuring machine will be delivered.
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.	Online Course Some of this class will require use of a computer to access course materials. Will need guages and parts to be measured.
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.	I. Demonstrate hands on use of geometric dimensioning & tolerancing metrology methods. II. Use common measuring tools found in manufacturing. III. Operate a coordinate-measuring machine. IV. Perform calibration activities on various measuring instruments. V. Collect and record data for SPC documentation. VI. Verify accuracy of machined part VII. List ISO standards and requirements. VIII. Interpret and report measurement data on database. Describe other quality standards required in manufacturing.
5. Recommended uses: In-class, homework, individual, team, lecture, etc.	Lecture, lab's homework, videos and assesments, group and individual work

6. Target population: Level, course or subject matter, other user groups	entry level
7. Prerequisite knowledge or skills needed: Course or subject matter, computer skills, other miscellaneous skills	None- intro class
8. Application to industry recognized certification: Name of credential or certification.	NA

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					4
…provides a complete demonstration of the concept	4					4
…demonstrates a core concept grounded in the discipline	4					4
…is current and relevant	4					4
…is supported by appropriate research	4					4
…is self-contained (can be used without requiring an assignment or context)		3				3
…provides accurate information	4					4
…is flexible (can be used in several situations)	4					4
…includes an adequate amount of material	4					4
...has strong workplace relevance	4					4
…integrates the concept well	4					4
Overall, the quality of the content is very high	4					4
Total: #1 Quality of Content						47

#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					4
…identifies prerequisite knowledge	4					4
…reinforces concepts progressively	4					4
…builds on prior concepts	4					4
…demonstrates relationships between concepts	4					4
…is easy to integrate into curriculum assignments		3				3
…is very efficient (could learn a lot in a short time)		3				3
…can be used to measure student learning outcomes	4					4
Overall, learning material is a very effective teaching tool		3				3
Total: #2 Effectiveness as Teaching Tool						33

#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					4
…has very clear instructions	4					4
…is engaging	4					4
…is visually appealing	4					4
…is interactive	4					4
…is of high design quality	4					4
…meets accessibility requirements if able to assess	4					4
…if an app, can be used on multiple types of mobile devices and						0
platforms	4					4
Total: #3 Ease of Use						32

Combined TOTAL scores (add together the totals as indicated above for #1, #2, #3	112
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)	excelent information presented, and well organized. Instructor/student will need guages and parts to be measured but labs and assesment test can easily be modified to fit company needs.
Comments to author only: (Any needed improvements or recommendations should be addressed here.)	

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