

MERLOT – SKILLSCOMMONS Peer Reviewer Report Form (V 52218)

Name of Learning Material:	CEMD 0920-Basic Manufacturing Skills
SKILLSCOMMONS URL:	<a href="https://www.skillscommons.org/handle/taaccct/6730">https://www.skillscommons.org/handle/taaccct/6730</a>
Learning Material URL:	<a href="https://moodle.skillscommons.org/mymoodle/course/view.php?id=30">https://moodle.skillscommons.org/mymoodle/course/view.php?id=30</a>
Reviewer's Name:	
Date Review Completed:	
Review Time Required:	
Rejected? Y/N	
Description	
<p><b>1. Overview:</b> Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps</p>	<p>"This course focuses on fundamental principles of quality based medical device manufacturing process including documentation control, safety training, lean manufacturing concept, clean room basics, measurement fundamentals, data management, and analysis related to medical device manufacturing. Mastery of these skills is key to successful careers in the medical device and bioscience industry. Students will also learn the techniques to use measuring equipment commonly used in the medical device industry, including caliper and micrometer. These core skills will be taught using a hands-on approach in conjunction with class discussions. In addition, student will apply their computer skills, particularly with Microsoft Word and Excel to develop basic data management and analysis skills.</p> <p>This course will focus on:</p> <ul style="list-style-type: none"> <li>o Introduction of the basic knowledge of medical device manufacturing process</li> <li>o Introduction to quality-based product development &amp; lean manufacturing principles</li> <li>o Introduction to GMP, GDP, workplace safety, clean room basics, product assembly basics</li> <li>o Introduction of equipment tolerance and selection principle</li> <li>o Instruction of proper application of basic measurement tools, and Gage R&amp;R</li> <li>o Instruction of proper data collection and documentation</li> <li>o Instruction of proper applications of basic math &amp; statistics (sum, average, SD &amp; CV) in data analysis and problem solving</li> </ul> <p>"</p>

**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.

**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.

Hybrid/Blended Course

**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						3
...provides a complete demonstration of the concept						3
...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						4
...has strong workplace relevance						4
...integrates the concept well						4
Overall, the quality of the content is very high						4

<b>Total: #1 Quality of Content</b>						45

<b>#2 Potential Effectiveness as a Teaching Tool/This Learning Material...</b>	<b>Strongly Agree: 4</b>	<b>Agree: 3</b>	<b>Disagree:2</b>	<b>Strongly Disagree: 1</b>	<b>N/A: 0</b>	<b>TOTAL</b>
...identifies learning objectives						4
...identifies prerequisite knowledge						2
...reinforces concepts progressively						4
...builds on prior concepts						3
...demonstrates relationships between concepts						3
...is easy to integrate into curriculum assignments						4
...is very efficient (could learn a lot in a short time)						4
...can be used to measure student learning outcomes						4
Overall, learning material is a very effective teaching tool						3
<b>Total: #2 Effectiveness as Teaching Tool</b>						31

<b>#3 Ease of Use – This Learning Material...</b>	<b>Strongly Agree: 4</b>	<b>Agree: 3</b>	<b>Disagree: 2</b>	<b>Strongly Disagree: 1</b>	<b>N/A: 0</b>	<b>TOTAL</b>
...is easy to use						3
...has very clear instructions						3
...is engaging						4
...is visually appealing						4
...is interactive						4
...is of high design quality						3
...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>						28

<b>Combined TOTAL scores (add together the totals as indicated above for #1, #2, #3)</b>	<b>104</b>
<b>Optional Information:</b>	
<b>Other comments to be included in the review:</b> (If an app, respects privacy of user, meets PG rating standards, how frequently app is updated)	
<b>Comments to author only:</b> (Any needed improvements or recommendations should be addressed here.)	

All materials by [SkillsCommons IMPACTcommunities](#), [CSU-MERLOT SkillsCommons](#) are licensed under [CC BY 4.0](#)

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

