

MERLOT – SKILLSCOMMONS Peer Reviewer Report Form (V 17.3)

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| Name of Learning Material: | |
| SKILLSCOMMONS URL: | http://www.skillscommons.org/handle/taaccct/2143 |
| Learning Material URL: | http://www.skillscommons.org/handle/taaccct/2143 ; http://www.skillscommons.org/handle/taaccct/2254 ; http://www.skillscommons.org/handle/taaccct/2233 ; |
| Reviewer's Name: | Holly Hall |
| Date Review Completed: | |
| Review Time Required: | |

Description

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| 1. Overview: Describe overview, features and descriptions, uses, and applications. Include cost, if any for apps | Bellevue College has created free hands-on practice activities to provide students with meaningful exposure to electronic health records to help prepare them for employment. Though primarily designed for Nursing and Allied Health students, the simulations are also a great way to familiarize IT and Health IT students with common features and functions of an EMR system. The simulations give students an important opportunity to learn about and practice using open source EMR systems. The simulations, built with Adobe Captivate, provide instruction in selected EMR features and functions, practice activities that give students a chance to enter information and receive robust feedback and assessments. OpenEMR is a free, open source, electronic medical record (EMR) and medical practice management system designed for ambulatory (outpatient) facilities. Open EMR is Meaningful Use Stage 1 certified. It's a great system for students to use as their first foray into electronic medical records, as it's intuitive and easy to navigate. Allied Health, Nursing, and IT/HIT students can benefit from experiencing all of the simulations, but indicated below which groups may find the different topics most relevant. Provided here are four highly interactive simulations of the OpenEMR system. |
| 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. | Functional EMR, Simulation and practice activities for inpatient and outpatient settings. |
| 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.) | IT would need to install and run the EMR as it requires several components that the average person or faculty member would likely not have access to. |
| 4. Identify major learning goals/ curriculum objectives: Purpose of site, goal for learner/user. | To expose students to an EMR and it's basic function within their roles. |
| 5. Recommended uses: In-class, homework, individual, team, lecture, etc. | Online but could be in class as well. |
| 6. Target population: Level, course or subject matter, other user groups | First year college |

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| 7. Prerequisite knowledge or skills needed: Course or subject matter, computer skills, other miscellaneous skills | Basic computer skills and typing skills |
| 8. Application to industry recognized certification: Name of credential or certification. | Registered Health Information Technician or Certified Healthcare Data Analystist. |

Evaluation and Observations: After reviewing the learning material, please indicate your agreement with the following statements by placing an “x” in the applicable column where 5=excellent or strongly agree and 1=poor or strongly disagree.

| 1. Quality of Content – The Learning Material... | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree | N/A |
|--|----------------|-------|---------------|----------|-------------------|-----|
| ...is clear and concise | | | | x | | |
| ...provides a complete demonstration of the concept | x | | | | | |
| ...demonstrates a core concept grounded in the discipline | x | | | | | |
| ...is current and relevant | x | | | | | |
| ...is supported by appropriate research | x | | | | | |
| ...is self-contained (can be used without requiring an assignment or context) | x | | | | | |
| ...provides accurate information | x | | | | | |
| ...is flexible (can be used in several situations) | x | | | | | |
| ...includes an adequate amount of material | x | | | | | |
| ...has strong workplace relevance | x | | | | | |
| ...integrates the concept well | x | | | | | |
| Overall, the quality of the content is very high | x | | | | | |
| | 5 | 4.5 | 3.5 | 2.5 | 1.5 | 0 |
| Enter a numerical value that summarizes your attitudes above. | 55 | | | 2.5 | | |
| <p>Strengths (Describe the outstanding features of the quality of the learning material) This is truly an amazing tool if it is fully functional. Having a free EMR could really impact the cost to institutions and students who are paying subscription fees for EMRs. Also the exercises are relevant to several different disciplines. There are detailed instructions included for Faculty to use and deploy the EMR.</p> <p>Concerns (Describe any problems in terms of quality); The EMR interface (from the workbook) is a little dated. Most EMR’s interfaces are now very friendly and look more like a webpage than a computer program. Also the implementation and adoption of the captivate modules is difficult. While I can launch the program without uploading to my learning platform it doesn’t appear to display anything more than the workflow instructions.</p> | | | | | | |
| 2. Potential Effectiveness as a Teaching Tool/This Learning Material... | Strongly Agree | Agree | Neither Agree | Disagree | Strongly Disagree | N/A |
| ...identifies learning objectives | | | | | | x |
| ...identifies prerequisite knowledge | | | | | | x |
| ...reinforces concepts progressively | x | | | | | |
| ...builds on prior concepts | x | | | | | |
| ...demonstrates relationships between concepts | | | | | | x |
| ...is easy to integrate into curriculum assignments | | | | | x | |
| ...is very efficient (could learn a lot in a short time) | x | | | | | |
| ...can be used to measure student learning outcomes | | | | | x | |
| Overall, learning material is a very effective teaching tool | x | | | | | |
| | 5 | 4.5 | 3.5 | 2.5 | 1.5 | 0 |
| Enter a numerical value that summarizes your attitudes above. | 20 | | | | 3 | 0 |

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| Strengths (Describe the outstanding features of the quality of the learning material); This is a great means to teach EMR workflow while exposing students to data entry within the EMR. This is also good exposure to demonstrate the concepts of data collection using an EMR. | | | | | | | |
| Concerns (Describe any problems in terms of quality) This would not be easy to adopt or integrate into curriculum. This would require IT intervention and execution. While the instructions are included to download and integrate the system it is beyond many users ability to do so alone. | | | | | | | |
| 3. Ease of Use – This Learning Material... | | | | | | | |
| ...is easy to use | | | | | x | | |
| ...has very clear instructions | x | | | | | | |
| ...is engaging | x | | | | | | |
| ...is visually appealing | x | | | | | | |
| ...is interactive | x | | | | | | |
| ...is of high design quality | x | | | | | | |
| ...meets accessibility requirements if able to assess | | | | | | | x |
| ...if an app, can be used on multiple types of mobile devices and platforms | | | | | | | x |

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| ...if an app, runs effectively without the internet | | | | | | | x |
| Overall , the usability of this learning material is very high | x | | | | | | |
| | 5 | 4.5 | 3.5 | 2.5 | 1.5 | 0 | |
| Please enter the numeric value that summarizes your attitudes above. | 6 | | | 2.5 | | 0 | |

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| Strengths: (Indicate the outstanding features of the usability of the learning material) This is an amazing offering and if people are able to implement it there is a potential for real cost savings and enhanced learning. It would be very engaging for students to use a functional EMR and is well designed from the workflows I could access | | | | | | | |
| Concerns: (List problems in terms of usability) The biggest drawback is that this is not easy to use and would require a commitment to adopt and use. | | | | | | | |

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| | 5 | 4.5 | 3.5 | 2.5 | 1.5 | 0 | |
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| What is your overall numeric rating for this material? Review your 3 ratings above and determine your overall rating. Overall I would give this a 5, if instructors can get this tool up and running it would bring a lot of helpful education to a real work activity. It is also needed exposure for HIT students who often only see examples or screen shots of EMRs unless they have paid for a subscription to another EMR through school. Even if instructors chose to add this to an existing EMR exposing students to the fact that each EMR is totally different would still bring a lot of benefit to those headed to the workforce. | | | | | | | |
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| 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.) | | | | | | | |

