

Course: Howard: Network Forensic Technology

Cyber Pathways Across Maryland SME Rubric

Reviewer Name: Matthew Cloud

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This course is offered by Howard Community College (<https://www.howardcc.edu/programs-courses/programs/cyber-forensics-tech-aa/>). The goal for this review is to validate that the curriculum is complete, current, and relevant to industry cybersecurity needs. Please use the comments sections for each category to explain your overall impressions, whether positive or negative.

COURSE STRUCTURE AND SYLLABUS	Y	N	N/A
Course description is factually complete and accurate	X		
Course structure includes major lessons and assignments	X		
Prerequisite requirements are included and appropriate	X		
Required facilities and equipment are included and appropriate		X	
Required course texts are listed	X		
Appropriate supplementary materials and resources are provided	X		
Course organization and design is clear, coherent, and appropriately structured	X		
Concepts and skills build logically, with appropriate transitions between course sections	X		
Learning outcomes are clearly stated, measurable, and appropriate for the level of the course		X	
Learning outcomes emphasize application of knowledge and skills	X		

Comments about the course:

Please summarize your impressions of the course in regard to structure and curriculum. Keep in mind suggestions for revisions or gaps in the curriculum in regard to industry standards and needs. If your course is meant to prepare students for a certification exam, please indicate whether or not you feel the course as outlined will do so.

There is a good selection of software tools, and it is very well laid out and clear to read. However, there is no mention of the hardware needed in the equipment list, such as minimum PC requirements for RAM and hard drive space to run the virtual machines or switches and wiring for networking. Digital Forensics II is the prerequisite. Assuming that course has a

prerequisite or corequisite course with hardware and OS, that may be an appropriate prerequisite course.

It is important that students know how to implement the network protocols not just examine them. The assignments in weeks 5, 6 and 10 suggest they do, so the objective should be restated to something like "demonstrate" or "implement" instead of examine. There are several weeks with a lab project, but nothing is stated as to what it is based upon, requirements, or what it is measuring.