

# Course: Allegany: Digital Forensics

## Cyber Pathways Across Maryland SME Rubric

**Reviewer Name: Matthew Cloud**

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This course is offered by Allegany College of Maryland (<https://www.allegany.edu/x3313.xml>). 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 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.

Overall the course is well designed and the videos are interesting. My suggestions for improvement are: It states there are no prerequisites but recommends a Computer Science course. Add an IT Support Hardware/OS based course prerequisite or at least move module 7 to the beginning. Students without that knowledge are likely to withdraw or fail. Starting with Virtual Machines does not tend to go well without students first understanding an OS and what the hardware being virtualized is. Moving from concrete to abstract concepts tend to

lead to much higher success. For the History of Cloud Computing Video, I was doing cloud based computing before Salesforce, with SaaS in 1996 at Texas A&M University and implementing private cloud PaaS, and IaaS, with public SaaS by 1999 with my company Cloud Technologies, which became Cloud 9 Realities then, C9R, Inc. Many others were doing the same thing. DerpVader was amusing and instructive and I may have my students use some of these videos..