

# Course: CSM: Digital Forensics 1

## Cyber Pathways Across Maryland SME Rubric

**Reviewer Name: Matthew Cloud**

**Date: 9/21/2018**

This course is offered by the College of Southern Maryland (<https://www.csmd.edu/programs-courses/cyber-center/index.html>). 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.

<b>COURSE STRUCTURE AND SYLLABUS</b>	<b>Y</b>	<b>N</b>	<b>N/A</b>
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 structure and syllabus:**

Summarize your impressions of the syllabus and course structure including errors, suggestions for revisions, or gaps in the curriculum in regard to industry standards and needs:

The course looks well designed overall, appropriately placed with prerequisites, and supporting materials to meet industry needs.

Upgrading Netlab AE or PE to netlab VE eliminates the need for Java and it can be run even on mobile devices.

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<b>LECTURE MATERIALS: INSTRUCTOR SLIDES OR AUDIO/VIDEO PRESENTATIONS</b>	Y	N	N/A
Content is accurate.			X
Materials accurately reflect course content.			X
Materials are presented in a logical order.			X
Materials reflect the major learning points and objectives for the related lesson.			X

<p><b>Comments about the instructor slides or video presentations:</b> Summarize your impressions of the instructor slides including errors or suggestions for revisions: No slides or videos were included.</p>
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<b>STUDENT ACTIVITIES: LABS/EXERCISES/HOMEWORK</b>	Y	N	N/A
Activities as a whole:	Y	N	N/A
<ul style="list-style-type: none"> <li>Contribute to the achievement of the stated course objectives.</li> </ul>	X		
<ul style="list-style-type: none"> <li>Are comprehensive enough to reinforce course objectives.</li> </ul>	X		
<ul style="list-style-type: none"> <li>Are current.</li> </ul>	X		
Individual activities:	Y	N	N/A
<ul style="list-style-type: none"> <li>Have a clearly explained purpose and learning goals.</li> </ul>	X		
<ul style="list-style-type: none"> <li>Promote the achievement of their stated learning goals.</li> </ul>	X		
<ul style="list-style-type: none"> <li>Include access to all necessary resources.</li> </ul>	X		

<p><b>Comments about student activities:</b> Please summarize your impressions of the student activities including errors or suggestions for revisions:</p>
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The labs look good, but could use more detail and expectations.

Civil Litigation lab instructions.docx does not open.

Crime Scene #2

USB 3\_4 .py does not open.

USB 5\_6 (Chess Piece) files do not open.

Otherwise they work well.

<b>EXAMS AND ASSESSMENTS</b>	Y	N	N/A
Assessments measure the stated learning objectives.			X
Assessments are consistent with module activities and resources.			X
Assessments are varied			X
Assessments are appropriate to the student work being assessed.			X

**Comments about exams and assessments:**

Please summarize your impressions of the assessments and any suggestions including errors or suggestions for revisions:

No Exams or assessments were listed other than labs mentioned in the previous section.

**Overall Summary:**

Based on your expertise and knowledge of the course, please write a summary of your overall impressions, the strengths of the material, and your recommendations for future iterations. Please 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 will do so.

The materials provide good overall structure and suggested labs. The content is relevant and likely to remain so for quite some time. However it should include linux based content to a

great extent, especially as windows servers and desktop OS are becoming more open source and hybrid with Linux, Ubuntu and Redhat variants specifically.