Course: Allegany: Networking 2
Cyber Pathways Across Maryland SME Rubric

Reviewer Name: John Knight
Date: Sept 20, 2018

This course is offered by Allegany College of Maryland (https://www.allegany.edu/x3313.xml). This course is also meant to prepare students for the CCNA certification. 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	Y		
Course structure includes major lessons and assignments		N	
Prerequisite requirements are included and appropriate	Y		
Required facilities and equipment are included and appropriate		N	
Required course texts are listed	Y		
Appropriate supplementary materials and resources are provided		N	
Course organization and design is clear, coherent, and appropriately structured		N	
Concepts and skills build logically, with appropriate transitions between course sections	Y		
Learning outcomes are clearly stated, measurable, and appropriate for the level of the course	Y		
Learning outcomes emphasize application of knowledge and skills	Y		

The curriculum presented in the Official Cert Guide CCENT/CCNA ICND1 100-105 is complete, current, and relevant to industry cybersecurity needs. The course structure presented here does not adequately prepare an adopter to move forward in the development of their local course. Providing the guidance to master the "system" provided would very helpful. Additional comments to further explain the assigned review rating are found below.

The Course description in the Read Me First document states that the student **will be partially prepared "for"** the CCENT, in the Sample Syllabus the description states the course is **designed to prepare students "for "** the CCENT certification. The textbook states that the text provides **"a study system designed to help you not only learn facts but also develop the skills need to pass the exam (page xxxvi).** I suggest to remove the confusion from both documents

and state the course is designed to prepare the student for CCENT. The text, properly applied by the student, will, in fact, prepare that student for the CCENT.

Course structure states there are major lessons, labs, flash cards, and assignments but does not state which assignments are applicable or where in the text they are found within the text. Additionally, the course Suggested Syllabus and the Assignment Outline includes chapter lessons found in the reading and review of the chapter but assignments are not specifically identified or numbered. Some assignments such as the "Pre Assessment" in the first week, can not be found within the text but it is assumed that this is Q/A and/or a practical "assessment" based on Networking 1 concepts. It may be on the test engine. An activation code is required. After much reading in the Introduction concerning the structure and "system" presented by the author does one find that there is a wealth of supporting assignments and helpful reference including a CCENT ICND 100-105 Network Simulator found on the accompanying DVD in the back of the book. Practice exams are also provided as long as the student buys a textbook that has the DVD and the associated activation code. There is no mention of such resources in the syllabus. An adopter would have to construct this course for their use.

As mentioned above, the required facilities and equipment are included with the text to include exams, chapter review quiz, memory review exercises and more but they are not mentioned in the syllabus. This would be very helpful for anyone considering the use of this course.

Appropriate supplementary materials and resources are provided on the DVD as well as links to Cisco online resources and the authors blog site. There is no mention of such in the syllabus. I find that an explanation of use and the location of these materials should be identified to the adopting instructor.