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Hagerstown Community College
OFFICIAL MASTER SYLLABUS DOCUMENT

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COURSE: IST 267 NETWORK SECURITY - 3 credits

INSTRUCTOR: **SEMESTER/YEAR:** Spring /2016

COURSE DESCRIPTION:
Network Security is a course that examines the concepts of information, computer and network security. The course is presented at the beginning and intermediate technical level using reading assignments, student discussion, chapter quizzes, and mid-term and final exams as the format. Course goals include increasing awareness of security issues, defining basic security terms, identifying security infrastructure and codes, and examining policies that may be employed in security management. Course content includes examining a broad range of domains: access control, telecommunications, security management, applications development, cryptography, security architecture, operations security, disaster recovery planning, ethics, and physical security. Prerequisite: IST 160 or consent of instructor. Semesters offered: All. 3 credits

TEXTBOOK: All-In-One CISSP Exam Guide 6th Ed., Shon Harris, ISBN 978-0-07-178174-9

STUDENT LEARNING OUTCOMES:
- Student will be able to identify the 10 common domains of IT Security
- Student will be able to explain what each of the domains entails
- Student will be able to explains tools, policies or procedures used in a particular domain
- Student will be able to explain the difference between a physical, technical or administrative control
- Student will be able to differentiate between a risk, threat or vulnerability
- Student will have an understanding of requirements for achieving certification

TOTAL HOURS OF COURSEWORK:
To earn academic credit at HCC, students are required to complete a minimum of 37.5 clock hours (45 fifty-minute "academic" hours) of coursework per semester. Those hours of coursework will all be all on-line classroom activities in addition to the final exam at HCC. Certain courses may require more than the 37.5 minimum hours of coursework per credit. For most classes, students should expect to do at least 2 hours of coursework outside of class for each hour of in-class coursework.

Hours Required	Topic
30	Chapter reading assignments (11)
5	Discussion assignments (22)
11	Writing assignments (11)
11	Chapter quizzes (11)
10	Mid-term exam prep / exam (1)
10	Final exam prep / exam (1)