CSS-200 – Essentials of Network Penetration Testing Course Syllabus

Course Code:

CSS-200

Course Title:

Introduction to Network Security - Security+

Course Description:

In this course, students learn the fundamentals of network security. Topics to be covered include understanding security measures and threats, techniques and tools for testing and securing systems, legal and ethical issues, basic intrusion detection and incident response methods. Many of the topics required for the CompTIA Security+ certification will be covered. This course helps students prepare for the CompTIA Security+ Certification. The student is expected to have a basic knowledge of Linux, Windows, working at the command line of any operating system and networking.

Prerequisites:

- Academic Reading and Writing Levels of 6; Academic Math Level 1
- CIS 120 minimum grade "C"

Outcomes and Objectives:

[Please refer to the CSS-200 Master Syllabus](#)

Required Text and Materials:

Please confirm edition with [WCC Website](#) or go to the WCC Bookstore and use the Find the Course Materials feature to view the required and recommended course materials: https://washtenaw.bncollege.com/course-material/course-finder

Cengage Unlimited Access for CompTIA Security+ Guide to Network Security Fundamentals, by Mark Ciampa. Published by Cengage
ISBN: 9780357700006   Edition: 7th

Course Overview and Structure:

Time Commitment

To meet the due dates on the schedule, expect to spend 9 - 12 hours per week for this 4-credit course.

Grading

- Grades are posted in Blackboard under My Grades.
- Grading is typically completed within a week of the assignment due date.
- Grades from assignments completed in MindTap will be transferred over after the assignment has been completed or after the due date has passed.

Determining Your Grade

There are five different types of assignments in this course. Please review the course orientation section in Blackboard for information on each type of assignment.

- Virtual Machine Labs Simulations and Labs using Mindtap (accessed through Blackboard)
- Case Projects (Writing assignments accessed in Blackboard)
- Module Quizzes using Mindtap (accessed through Blackboard)

Graded Item	Points per Event	Total Points
Orientation - Prerequisite Lab	20	20
Lab Simulations (x24)	20	480
Labs (x33)	20	660
Quizzes (x15)	10	150
Case Projects (x5)	20	125
Final Exam	400	400
TOTAL		1835

Communication

Email Communication

- Please send emails from your WCC account to follow federal privacy regulations.
- Provide a clear subject line that includes the name of the course (CSS-200)
- Always include your first and last name in the email message.

Expectations and Availability of Instructor

I will respond to email within 24 – 48 hours. You should make a habit of checking on a regular basis as well. All assignments are due at 11:59 p.m. on the day indicated on the schedule. Do not email me with a question just before an assignment is due as you probably will not get a response in time. Plan ahead!

Review the material within the Washtenaw Community College Student Policies and Support Information for additional policies and procedures that affect you and your course

Course Policies:

- All assignments, quizzes and exams are due on their scheduled due date. Very limited exceptions are available based on circumstance and instructor approval.
    - o Late case projects will be accepted until the day before the Final Exam starts. Late submissions will be decremented a letter grade (e.g., A to a B) for each week after the original due date, unless indicated otherwise by the instructor. ** Remember that earning any points is better than a 0!!**
- Activities such as the number or type of assignments or exams may change without prior notice to the student.

- The student must take responsibility for withdrawal from the class in the event a withdrawal is necessary.
- In compliance with the Americans with Disabilities Act (ADA), all qualified students enrolled in this course are entitled to "reasonable accommodations." If any accommodations are needed for this course, please inform me and make an appointment with a counselor in the Learning Support Services @ 734-973-3342, room LA104. The LSS Staff will verify the disability and arrange accommodations. See information in the section titled Accommodations for more information.
- At all times the student must be respectful of the instructor and other students, and not engage in any activity that is disruptive to the learning of other students in the class.
- If you have any questions about a student score or grade, please email or set a meeting with the instructor during posted office hours.
  - A 'W" grade (withdrawal) will not be issued after the WCC withdrawal deadline for the class unless extenuating circumstances exist. Please contact the instructor in this situation.

Academic Integrity:

Plagiarism and other forms of academic dishonesty will result in discipline according tothe [WCC Student Rights & Responsibility guidelines](#). Always complete your own work using your own words. If you do use information, ideas, or words from other sources, credit that source using MLA or APA format.

Accommodation of Special Needs:

[Learning Support Services Department](#) provides support to students who may need accommodation for documented disabilities, or other learning need. WCC will work with you to accommodate any of your individual learning needs, however, I need to know of any requests in advance in order to make the necessary arrangements.

WCC Student Policies and Support Information:

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