Course Syllabus

Jump to Today



VALENCIACOLLEGE

Division of Engineering, Computer Programming & Technology

Department of Network Engineering Technology

West Campus Building 9, Room 140 (407) 582-1902/1903

http://valenciacollege.edu/west/engineering

Spring 2024

Course Date: January 8 - April 27, 2024

Course Title: CTS 1120C – Introduction to Network Security

Contact Hour Breakdown: CR 3 Class 3 Lab 1

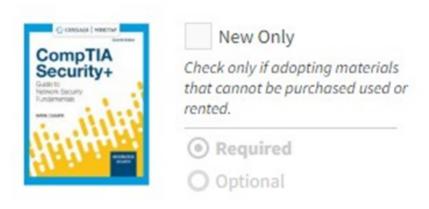
Prerequisite: CTS 1134C

Catalog Course Description: This course covers a broad overview of security topics related to information security, including cryptography, security baselines, and current attack and counterattack methods. The course covers methods to secure communications. Web security and hardening the Network infrastructure. It also teaches the student to develop comprehensive security and management policies. It looks at Windows and Linux security techniques for hardening the operating system.

Link to Guide:

Textbook:

CTS1120C 26831 - Intro to Network Security



MindTap for Ciampa's CompTIA Security+
Guide to Network Security Fundamentals, 7th
Edition, [Instant Access]

Ciampa; Mark 7 Edition 9780357424407

Full Course Syllabus:

Required Material:

Microsoft TEAMs (downloadable from Office 365)

(https://online.valenciacollege.edu/courses/174719/files/40819033/download?wrap=1)

(https://online.valenciacollege.edu/courses/174719/files/40819033/download?wrap=1)

Course Learning Outcomes

On course completion, students will be able to:

- Analyze business needs for various security measures and develop adequate security policies to meet those needs
- Demonstrate competency in performing various penetration testing and information assurance analysis
- Discuss sound project management practices and demonstrate proficiency in utilizing various project management tools
- Apply federal and state regulations and standards in all aspects of information assurance and network security designs, implementations, testing and documentation

Class Time and Location: Online (Asynchronous)

Instructor: Jessica Chisholm

• Contact Information: Canvas or TEAMs (mailto:jchisholm2@mail.valenciacollege.edu)

• Phone: 407/582-1614

Optional Zoom Weekly on Mondays' 1:00 pm to 2:00 pm

Engagement Hours			
Day	Location	Time	
Monday	TEAMs	2:00 pm to 4:00 pm	
Tuesday	TEAMs	Noon to 3:00 pm	
Wednesday	TEAMs	3:00 pm to 5:00pm	
Thursday	RM252	1:00 pm to 5:00 pm	
Friday	TEAMs	9 am to 11 am	
Teaching Schedule			
Day	Class	Time	
Monday	CET2894C	11:30 am to 12:30 pm	
Monday	CTS1120C	1:00 pm to 2:00 pm	
Monday	CET2792C	4:00 pm to 5:30 pm	
Thursday	CET4663	5:30 pm to 7:30 pm	

Faculty Site: Dr C's Faculty Front Door (http://frontdoor.valenciacollege.edu/?jchisholm2)

Valencia College Core Competencies

"The faculty of Valencia College has identified four core competencies that define the learning outcomes for a successful Valencia graduate. These competencies are at the heart of the Valencia experience and provide the context for learning and assessment at Valencia College. You will be given opportunities to develop and practice these competencies in this class. The four competencies are:

- 1. **Think** think clearly, and creatively, analyze, synthesize, integrate and evaluate in the many domains of human inquiry
- 2. Value- make reasoned judgments and responsible commitments
- 3. Communicate- communicate with different audiences using varied means
- 4. **Act** act purposefully, effectively and responsibly."

Expected Student Conduct

Valencia Community College is dedicated not only to the advancement of knowledge and learning but is concerned with the development of responsible personal and social conduct. By enrolling at Valencia Community College, a student assumes the responsibility for becoming familiar with and abiding by the general rules of conduct. The primary responsibility for managing the classroom environment rests with the faculty. Students who engage in any prohibited or unlawful acts that result in the disruption of a class may be directed by the faculty member to leave the class. Violation of any classroom or Valencia's rules may lead to disciplinary action up to and including expulsion from Valencia. Disciplinary action could include being withdrawn from class, disciplinary warning, probation, suspension, expulsion, or other appropriate and authorized actions. You will find the Student Code of Conduct in the current Valencia Student Handbook

Students with disabilities who qualify for academic accommodations must provide a letter from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor, preferably during the first two weeks of class. The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities (West Campus SSB 102, ext. 1523).

Lab Procedures

All assigned work is due by Sunday by 11:59 pm each week, except the final week, which is due by Saturday at 11:59 pm.

Quality Expectations, Late Work, Missed Deadlines:

All students in this course are future Information technology professionals and candidates for an Associate in Science degree. You might be the best networking technologist on the planet, but all I know about you is the quality of your work in our class. Your work is a direct reflection of you as a professional.

I understand that occasionally, our real lives overtake our school life, so there is leeway for one late assignment. I will accept a one-time-only late assignment, however, it be with the week of the missing assignment. This means you cannot choose to submit an assignment that is weeks late. The late assignment starts with 1/2 credit. Then as I grade it, you might lose more points if the quality is poor. After the first late assignment, the next one will NOT be accepted for grading. Failure to upload an assignment correctly is the same as being late. (This excludes Midterm and Finals since they are exams and cannot be submitted late)

There is no extra credit anticipated in this course.

- Students are responsible for using the appropriate link in Canvas to submit homework. Emailed assignments to the instructor will not be graded
- All Labs are individual assignments unless explicitly told differently at the beginning of the lab. Any student caught copying another student's answers will be given a '0' for the
- Failure to complete the final project will give you an automatic F in the course, and you must pass the project with a 70% or better passing score.
- It is your responsibility to contact the instructor if any extenuating circumstances arise. Communication occurs during or before an event, not after the event has occurred.

Grading System

٨	QΛ	-100
Α	90	- 100

B 80 - 89

C 70 - 79

D 60 - 69

Important Dates

Academic Calendar (https://valenciacollege.edu/academics/calendar/)

Disclaimer: Any Changes in the policy and schedule of this syllabus may be made at any time during the semester at the instructor's discretion.

IMPORTANT NOTE

****Three absences will result in being withdrawn from the class. For the online classes, the Submittal of labs each week will also constitute attendance for the class -- logging into Canvas does not count as attendance; you must complete an assessment or assignment. If you fail to submit work, you will be marked as absent. *** ****

Classroom Conduct Rules and Comments

Labs and Assignments

- All Assigned homework is due by Sunday 11:59 pm and should be submitted to the proper link in Canvas.
- All Labs are individual assignments unless explicitly told differently at the beginning of the lab. Any student caught copying another student's answers will be given a '0' for the assignment.

Miscellaneous Rules

- It is the student's responsibility to withdraw from the course. Any withdrawal after the withdrawal deadline could result in WF.
- No make-up labs, Quizzes, Homework, or exams are permitted unless prior arrangement with the instructor has been made.
- If the student is absent or has missed any part of the class, then it is the student's responsibility to obtain the missed information from the instructor or other students.
- You must satisfactorily complete all the course requirements in order to receive a passing grade including.
- Cheating is prohibited. For any student caught cheating, the instructor has the right to withdraw the student from the class and recommend expulsion from the program.

Online Student Assessment of Instruction

As part of our continuing goal to provide the best possible instruction for Valencia Community College students, the student evaluation of instructor form is now available online.

On a completely anonymous basis, all students are invited to complete this online form. To do so, go into Atlas, click on My Courses then click on the box at the right that says 'Assessment Survey'. You will be able to submit one assessment form per class. After that, the form will no longer be available to you.

Please set aside some time toward the end of the semester to complete the assessment. By doing so, you will assist the instructor is assessing the effectiveness of his/her teaching methods and techniques. Thank you for your feedback.

Withdrawal Deadline and Policy

A student who withdraws from class before the **withdrawal deadline of March 20th will** receive a grade of "W." A faculty member is permitted to withdraw a student from the faculty member's class up to the beginning of the final exam period, for violation of the faculty member's attendance policy, as published in the faculty member's syllabus. A student is not permitted to withdraw from this class after the withdrawal deadline; if you remain in the class after the withdrawal deadline, you can only receive a grade of A, B, C, D, F or I. An I grade will only be assigned under extraordinary circumstances that occur near the end of the semester. If you receive an I, the work missed must be made up during the following semester, at which time you will get an A, B,C,D or F. Failure to make up the work during the following semester will result in you getting a grade of F in the course. Any student who withdraws from this class during a third or subsequent attempt in this course will be assigned a grade of "F."

Students on financial aid should consult an advisor or counselor before withdrawing from a course; there may be financial implications to the student which he or she must know about to make an informed decision before withdrawing from a course. Students with some scholarships who withdraw or are withdrawn from a class must pay the college for the cost of the class. Other scholarship sponsors may also require repayment.

To maintain financial aid academically, students must meet all of the following requirements:

- Complete 67% of all classes attempted, and
- Maintain a Valencia GPA of 2.0 or higher, and
- Maintain an overall GPA of 2.0 or higher, and
- Complete degree within the 150% timeframe

Detailed information about maintaining satisfactory academic progress (SAP) can be found at:

Satisfactory Academic Progress (https://valenciacollege.edu/finaid/satisfactory-progress.php)

For a complete policy and procedure overview on Valencia Policy 4-07 please go to:

Valencia's Policy 4-07 (https://valenciacollege.edu/about/general-counsel/)

Security Statement

We want to reassure you that our security officers are here around the clock to ensure the safety and security of the campus community. It's important to remain alert and aware of your surroundings, especially during the early morning or evening hours. Remember that you can always call security for an escort if you feel uncomfortable walking alone on campus. White security phones can also be found in many of our buildings; simply pick up the phone and security will answer.

Finally, report any suspicious persons to West Campus Security at 407-582-1000, 407-582-1030 (after-hours number) or by using the yellow emergency call boxes located on light poles in the parking lots and along walkways.

Baycare Behavioral Health's Student Assistance Program

Valencia is committed to making sure all our students have a rewarding and successful college experience. To that purpose, Valencia students can get immediate help that may assist them with psychological issues dealing with stress, anxiety, depression, adjustment difficulties, substance abuse, time management as well as relationship problems dealing with school, home or work. Students have 24 hour unlimited access to the **Baycare Behavioral Health's confidential student assistance** program phone counseling services by calling (800) 878-5470. Three free confidential face-to-face counseling sessions are also available to students.

Course Summary:

11/19/23, 2:56 PM

Date Details Due

Sun Jan 14, 2024

➡ Knowledge Check: CompTIA

Security+ SYO-601 Pre-

Assessment Quiz

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326905)

Live Virtual Machine Lab 1.1:

Module 01 Social Engineering

due by 11:59pm

Techniques and Exploits

(https://online.valenciacollege.edu/courses/196839/assignments/5321023)

Live Virtual Machine Lab 1.2:

Module 01 Gathering Intelligence

due by 11:59pm

on Threat Actors and Vectors

(https://online.valenciacollege.edu/courses/196839/assignments/5321024)

Prerequisite: Live Virtual

Machine Lab

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5304635)

Quiz: Module 01 Introduction

to Security

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5321025)

Simulation Lab 1.1: Module 01

Configure Microsoft Windows

Sandbox

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5321021)

Simulation Lab 1.2: Module 01

Install MS Security Scanner and

Look for Malware

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5321022)

Two Rights & A Wrong

Question 1-1

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5321017)

Two Rights & A Wrong

Question 1-2

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5321018)

Two Rights & A Wrong

Question 1-3

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5321019)

Critical Thinking Activities:

Module 01 Case Projects

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5321020)

Critical Thinking Activities:

Module 02 Case Projects

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326450)

Live Virtual Machine Lab 2.1:

Module 02 Penetration Testing

<u>Techniques</u>

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326453)

Live Virtual Machine Lab 2.2:

Module 02 Control Mechanisms,

due by 11:59pm

Standards and Frameworks

(https://online.valenciacollege.edu/courses/196839/assignments/5326455)

Quiz: Module 02 Threat

Management and Cybersecurity

due by 11:59pm

Resources

(https://online.valenciacollege.edu/courses/196839/assignments/5326457)

Sun Jan 21, 2024

Simulation Lab 2.1: Module 02

Explore the National Vulnerability

Database - NVD

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326451)

Two Rights & A Wrong

Question 2-1

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326576)

Two Rights & A Wrong

Question 2-2

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326577)

Two Rights & A Wrong

Question 2-3

due by 11:59pm

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326578)

Sun Jan 28, 2024

Live Virtual Machine Lab 3.1:

Module 03 Identifying Different

Cyber Attacks

(https://online.valenciacollege.edu/courses/196839/assignments/5326586)

Live Virtual Machine Lab 3.2:

Module 03 Determining Security

Vulnerabilities

(https://online.valenciacollege.edu/courses/196839/assignments/5326587)

Live Virtual Machine Lab 3.3:

Module 03 Identifying Different

due by 11:59pm

due by 11:59pm

Application Exploits

(https://online.valenciacollege.edu/courses/196839/assignments/5326588)

Quiz: Module 03 Threats and

Attacks on Endpoints

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326589)

Simulation Lab 3.1: Module 03

<u>Using VirusTotal Scan a File and a</u> URL

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326585)

Two Rights & A Wrong

Question 3-1

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326581)

Two Rights & A Wrong

Question 3-2

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326582)

Two Rights & A Wrong

Question 3-3

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326583)

Pritical Thinking Activities:

Module 03 Case Projects

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326584)

Sun Feb 4, 2024

Pritical Thinking Activities:

Module 04 Case Projects

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326594)

Live Virtual Machine Lab 4.1:

Module 04 Application Hardening

due by 11:59pm

Deployment Techniques

(https://online.valenciacollege.edu/courses/196839/assignments/5326597)

Live Virtual Machine Lab 4.2:

Module 04 Application and Host

Hardening Techniques

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326598)

Quiz: Module 04 Endpoint and

Application Development Security

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326599)

Simulation Lab 4.1: Module 04

Explore Various Sources of Threat

due by 11:59pm

Intelligence

(https://online.valenciacollege.edu/courses/196839/assignments/5326595)

Simulation Lab 4.2: Module 04

Configuring Microsoft Windows
Security

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326596)

Two Rights & A Wrong

Question 4-2

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326592)

Two Rights & A Wrong

Question 4-3

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326593)

Two Rights & A Wrong

Question 4-1

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326591)

Sun Feb 11, 2024

Pritical Thinking Activities:

Module 05 Case Projects

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5329871)

Live Virtual Machine Lab 5.1:

Module 05 Cyber Security

Vulnerabilities of Embedded

due by 11:59pm

Systems

(https://online.valenciacollege.edu/courses/196839/assignments/5326624)

Live Virtual Machine Lab 5.2: Module 05 Mobile Security

due by 11:59pm

https://online.valenciacollege.edu/courses/196839/assignments/syllabus

Solutions

(https://online.valenciacollege.edu/courses/196839/assignments/5326625)

Quiz: Module 05 Mobile,

Embedded, and Specialized

Device Security

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326626)

Simulation Lab 5.1: Module 05

Recover Lost or Stolen Mobile

Devices

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326622)

Simulation Lab 5.2: Module 05

Install Android Emulator and Test

Various Tools

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326623)

Two Rights & A Wrong

Question 5-2

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326621)

Two Rights & A Wrong

Question 5-1

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326620)

Sun Feb 18, 2024

Critical Thinking Activities:

Module 06 Case Projects

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326719)

Live Virtual Machine Lab 6.1:

Module 06 Securing an

Environment using Mitigating

due by 11:59pm

Techniques

(https://online.valenciacollege.edu/courses/196839/assignments/5326722)

Live Virtual Machine Lab 6.2:

Module 06 Cryptographic Basic

due by 11:59pm

Concepts

(https://online.valenciacollege.edu/courses/196839/assignments/5326723)

Quiz: Module 06 Basic

<u>Cryptography</u>

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326724)

Simulation Lab 6.1: Module 06

Apply Steganography to Deliver a

Secret Message

(https://online.valenciacollege.edu/courses/196839/assignments/5326720)

Simulation Lab 6.2: Module 06

Understanding the RSA

Encryption System

due by 11:59pm

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326721)

Two Rights & A Wrong

Question 6-2

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326716)

Two Rights & A Wrong

Question 6-3

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326717)

Two Rights & A Wrong

Question 6-4

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326718)

Two Rights & A Wrong

Question 6-1

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326715)

Sun Feb 25, 2024

Pritical Thinking Activities:

Module 07 Case Projects

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326731)

₽ Live Virtual Machine Lab 7.1:

Module 07 Security Assessment

due by 11:59pm

Techniques

(https://online.valenciacollege.edu/courses/196839/assignments/5326733)

Live Virtual Machine Lab 7.2:

Module 07 Implementing a Public

Key Infrastructure

due by 11:59pm

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326734)

Quiz: Module 07 Public Key

Infrastructure and Cryptographic

Protocols

(https://online.valenciacollege.edu/courses/196839/assignments/5326735)

Simulation Lab 7.1: Module 07

<u>Creating and installing a Digital</u>

Certificate

(https://online.valenciacollege.edu/courses/196839/assignments/5326732)

Two Rights & A Wrong

Question 7-2 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326728)

Two Rights & A Wrong

Question 7-3 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326729)

Two Rights & A Wrong

Question 7-4 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326730)

Two Rights & A Wrong

Question 7-1 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326727)

Sun Mar 3, 2024

Critical Thinking Activities:

Module 08 Case Projects

due by 11:59pm

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326747)

Live Virtual Machine Lab 8.1:

Module 08 Identifying Indicators of

a Network Attack

due by 11:59pm

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326749)

₽ Live Virtual Machine Lab 8.2:

Module 08 Network Security

Assessment Tools

(https://online.valenciacollege.edu/courses/196839/assignments/5326750)

Live Virtual Machine Lab 8.3:

Module 08 Physical Security

Control Mechanisms

due by 11:59pm

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326751)

Quiz: Module 08 Networking

Threats, Assessments, and

<u>Defenses</u>

(https://online.valenciacollege.edu/courses/196839/assignments/5326752)

Simulation Lab 8.1: Module 08

Locate and Modify the ARP Table

on Your Computer

(https://online.valenciacollege.edu/courses/196839/assignments/5326748)

Two Rights & A Wrong

Question 8-2 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326745)

Two Rights & A Wrong

Question 8-3 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326746)

Two Rights & A Wrong

Question 8-1 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326744)

Sun Mar 10, 2024

Critical Thinking Activities:

Module 09 Case Projects

due by 11:59pm

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326756)

Live Virtual Machine Lab 9.1:

Module 09 Implementing Secure

Network Solutions

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326759)

□ Live Virtual Machine Lab 9.2:

Module 09 Enterprise Network

Security Configuration Concepts

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326760)

Quiz: Module 09 Network

Security Appliances and

due by 11:59pm

Technologies

(https://online.valenciacollege.edu/courses/196839/assignments/5326761)

Simulation Lab 9.1: Module 09

Install and Run Glasswire

due by 11:59pm

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326757)

Simulation Lab 9.2: Module 09

Configuring Defender Firewall-

(https://online.valenciacollege.edu/courses/196839/assignments/5326758)

Two Rights & A Wrong

Question 9-2 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326755)

Two Rights & A Wrong

Question 9-1 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326754)

Sun Mar 17, 2024

Critical Thinking Activities:

Module 10 Case Projects due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326766)

Live Virtual Machine Lab 10.1:

Module 10 Cloud and Virtualization

Concepts

(https://online.valenciacollege.edu/courses/196839/assignments/5326769)

Live Virtual Machine Lab 10.2:

Module 10 Securing a Cloud

<u>Infrastructure</u>

(https://online.valenciacollege.edu/courses/196839/assignments/5326770)

Quiz: Module 10 Cloud and

<u>Virtualization Security</u>

due by 11:59pm

due by 11:59pm

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326771)

Simulation Lab 10.1: Module

10 Creating a Virtual Machine from

Physical Computer

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326767)

Simulation Lab 10.2: Module

10 Install and Use VirtualBox

due by 11:59pm

Virtual Machine Manager

(https://online.valenciacollege.edu/courses/196839/assignments/5326768)

Two Rights & A Wrong

Question 10-1 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326763)

Two Rights & A Wrong

Question 10-2 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326764)

Two Rights & A Wrong

Question 10-3 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326765)

Critical Thinking Activities:

Module 11 Case Projects

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326785)

Live Virtual Machine Lab 11.1:

Module 11 Implementation of

Secure Protocols

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326787)

Live Virtual Machine Lab 11.2:

Module 11 Implementing Wireless

due by 11:59pm

Security Configurations

(https://online.valenciacollege.edu/courses/196839/assignments/5326788)

Quiz: Module 11 Wireless

Network Security

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326789)

Sun Mar 31, 2024

Simulation Lab 11.1: Module 11

<u>Using a Wireless Monitoring Tool</u>

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326786)

Two Rights & A Wrong

Question 11-2

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326783)

Two Rights & A Wrong

Question 11-3

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326784)

Two Rights & A Wrong

Question 11-1

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326782)

Sun Apr 7, 2024

Critical Thinking Activities:

Module 12 Case Projects

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326793)

P Live Virtual Machine Lab 12.1: Module 12 Authentication and

due by 11:59pm

Authorization Implementation

Techniques

(https://online.valenciacollege.edu/courses/196839/assignments/5326795)

Live Virtual Machine Lab 12.2:

Module 12 Authentication and

Authorization Solutions

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326796)

Quiz: Module 12

<u>Authentication</u> due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326797)

Simulation Lab 12.1: Module

12 Configure Sign-in Options
Using Cognitive Biometrics

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326794)

Two Rights & A Wrong

Question 12-1

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326791)

Two Rights & A Wrong

Question 12-2

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326792)

Sun Apr 14, 2024

Critical Thinking Activities:

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326890)

Live Virtual Machine Lab 13.1:

Module 13 Incident Response

due by 11:59pm

Policies and Procedures

Module 13 Case Projects

(https://online.valenciacollege.edu/courses/196839/assignments/5326893)

Live Virtual Machine Lab 13.2:

Module 13 Incident Response

Tools

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326894)

Live Virtual Machine Lab 13.3:

Module 13 Digital Data Forensic

<u>Techniques</u>

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326895)

Quiz: Module 13 Incident

<u>Preparation, Response, and Investigation</u>

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326896)

Simulation Lab 13.1: Module

13 Using Discretionary Access

Control

Control

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326891)

Simulation Lab 13.2: Module

13 Configuring the User Account

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326892)

Two Rights & A Wrong

Question 13-2 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326888)

Two Rights & A Wrong

Question 13-3 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326889)

Two Rights & A Wrong

Question 13-1 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326887)

Sun Apr 21, 2024

Critical Thinking Activities:

Module 14 Case Projects due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326899)

Live Virtual Machine Lab 14.1:

Module 14 Cybersecurity Backup

and Restore Strategies

(https://online.valenciacollege.edu/courses/196839/assignments/5326902)

Live Virtual Machine Lab 14.2:

Module 14 Organizational Risk

Management and Policies

due by 11:59pm

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326903)

Quiz: Module 14 Cybersecurity

Resilience due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326904)

Simulation Lab 14.1: Module

14 Configure and Maintain

Windows Backup and File History

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326900)

Simulation Lab 14.2: Module

14 Viewing and Changing the

due by 11:59pm

Backup Archive Bit

(https://online.valenciacollege.edu/courses/196839/assignments/5326901)

Two Rights & A Wrong

Question 14-2 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326898)

Two Rights & A Wrong

Question 14-1 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326897)

Sat Apr 27, 2024

P Critical Thinking Activities:

Module 15 Case Projects

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326912)

Live Virtual Machine Lab 15.1:

Module 15 Identity and Account

due by 11:59pm

Management Mechanisms

(https://online.valenciacollege.edu/courses/196839/assignments/5326914)

Live Virtual Machine Lab 15.2:

Module 15 Data Protection

Implementation

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326915)

Quiz: CompTIA Security+ SYO-

601 Post-Assessment Quiz

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326906)

Quiz: Module 15 Risk

Management and Data Privacy

due by 11:59pm

due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326916)

Simulation Lab 15.1: Module

15 Using a Nonpersistent Web

Browser

(https://online.valenciacollege.edu/courses/196839/assignments/5326913)

Details Date Due

Two Rights & A Wrong

Question 15-2 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326911)

Two Rights & A Wrong

Question 15-1 due by 11:59pm

(https://online.valenciacollege.edu/courses/196839/assignments/5326910)