

CIST 3381-002: Information Assurance & Security

Spring 2022: Syllabus

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Office: J-110

Phone: 609-652-4948

Office Hours:

- **Tuesday, 4:30 pm-5:30 pm:** J 110
- **Additional Availability-** Contact me via **Blackboard's Course Messages tool** to schedule the meeting at other mutually convenient time- Include suggested days/times (multiple options) in your message, and I will either pick one or suggest alternatives if your suggested days/times conflict with my schedule.

Electronic Submissions: Blackboard Assignment Dropbox only

Electronic Communications (course-related): Blackboard "Course Messages" tool only (no regular email)

Course Time and Location: T, R 12:30 PM -2:20 PM

T: D 017 R: D 003

Course Description: This course provides the foundation for understanding critical issues associated with practices associated with assuring secure business operations in the context of adversaries. The emphasis is on creation, operation, defense, analysis, and testing of secure computer systems, with a focus on data security, software security, human security, societal security, and organization security. Students will have hands-on experience with pen-testing tools including Kali, Metasploit, and more to scan, hack, and secure systems.

Competencies: Graduates will be able to:

1. Illustrate how cyberattacks work, how to avoid them and how to counteract their malicious consequences
2. Attain an understanding of professional, ethical, legal, security, and social issues and responsibilities
3. Analyze the importance of social media privacy and security
4. Explain the purpose of cryptography and how it can be used in data communications
5. Describe the concepts of authentication, authorization, access control, and data integrity and how it helps to enhance data security
6. Analyze the concepts of identification, authentication, and access authorization in the context of protecting people and devices
7. Describe risk management techniques to identify and prioritize risk factors for information assets and how risk is assessed
8. Deliver information in a persuasive, logical, and organized manner and to create technical and informational documents.
9. Develop intellectual curiosity and enthusiasm for learning. Students accomplish this goal by demonstrating clear relationships of course content to real-life activities and situations.
10. Develop skills needed by cyber-security professionals and/or to enter graduate school for advanced studies.
11. Have Fun & Learn about the field of cybersecurity ☺

Mapping to CIST Program Learning Outcomes: This course supports the following CIS Program Learning Outcomes and corresponding Performance Indicators:

- Outcome CIS. 1: An ability to analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
 - CIS.1. b: Students will apply principles of computing and other relevant disciplines to identify solutions to a complex computing problem.
- Outcome CIS. 3: An ability to communicate effectively in a variety of professional contexts.
 - CIS.3. a: Students will write technical documentation of a computer-based system, process, component, or program.
 - CIS.3. b: Students will create and present oral technical presentations.
- Outcome CIS. 6: An ability to support the delivery, use, and management of information systems within an information systems environment.
 - CIS.6. a: Students will apply computer information systems principles to support the delivery of information systems within an information systems environment.
 - CIS.6. b: Students will apply computer information systems principles for supporting the use of information systems within an information systems environment.

- CIS.6. c: Students will apply computer information systems principles for supporting the management of information systems within an information systems environment.
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This course contributes to the following Stockton Essential Learning Outcomes (ELOs):

- **Critical Thinking:** The ability to develop decision-making skills and formulate an effective, balanced argument on an issue. Students accomplish this goal by demonstrating analyzing a problem and identify and define computing requirements appropriate to its solution
- **Information Literacy & Research Skills:** The ability to recognize what information they need, identify how to locate, analyze and evaluate, and synthesize the information in a legal and ethical manner. Students accomplish this goal by demonstrating how to find resources for solving problems and an understanding of basics / factual knowledge (terminology, classifications, methods, etc.) of information assurance & security.

Required Text	<ul style="list-style-type: none"> • MindTap Information Security for Ciampa's CompTIA Security+ Guide to Network Security Fundamentals, 7th Edition • Harvard Business Cases
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Other Requirements:

- **Blackboard Access**, either through the goPortal, or directly via blackboard.stockton.edu.
- **The Respondus Lockdown Browser and a WebCam:** The exams for this course will be taken a) on-campus and/or b) within Blackboard using the Respondus Lockdown Browser on a computer with a WebCam to automatically proctor the exam (*Please refer to the Academic Honesty section in the syllabus*). Follow the instructions in Blackboard to install the Lockdown Browser. I will also have a sample exam in Blackboard for you to practice and to verify that Respondus Lockdown Browser is operating correctly. (*You might be able to lend a webcam from Stockton's IT Services department.*)

Course Time / Location: This is an in-person classes on Tuesdays and Thursdays. Please plan to regularly log onto Blackboard to check for course messages, announcements, course material and to complete assignments.

This Week in Cybersecurity: The goal of this lightning talk is to stay current with cybersecurity issues and events by reviewing recent cybersecurity related news article/whitepaper. You will work individually to summarize the article and submit the report (just a paragraph or two and include a link to the article). You'll also submit a discussion question and your response in another document. You'll deliver a PowerPoint presentation of the summary (5-8 minutes) and the discussion question to the class to generate class discussion. You must inform instructor that you are ready for the talk at the beginning of the class period on your presentation date. *Additional details will be provided in the class.*

Chapter Review Tasks: Read the chapter and submit the following.

- **Interesting-Confusing:** Write about what you found interesting and/or confusing in the chapter.
- **Proposed Quiz Questions:** Including students in the process of developing a quiz or exam invites students to higher-order thinking. Rather than just memorize or apply the material, it allows you to think about how to evaluate the material. For this, read the chapter/content. Create your own questions (3 multiple choice and 2 true/false) for the chapter. For each multiple-choice question, provide one or two meaningful sentences, one clear, correct choice, and three incorrect choices. For each True/False question, provide one or two sentences and the correct answer.

Network Defense Labs (Cengage MindTap Labs): Easy-to-use, online, hands-on MindTap labs to help gain real-world skills while practicing in a safe environment. These labs simulate real-world computer hardware, software, and operating systems and *primarily focus on defense. One lab with the lowest score will be dropped.*

Ethical Hacking Labs: Ethical Hacking is an essential part of understanding how black-hats work and prepare ourselves to counter them. There will be some scheduled ethical hacking lab activities. **You must participate in the labs AND submit the lab reflection report to earn the points. One lab with the lowest score will be dropped.** *Additional details are available on BB.*

You are required to understand and agree to the **"White Hat Agreement"** to participate in these lab activities and submit the signed copy to the instructor before the due date. If you do not agree, you will not be allowed to participate in these activities, and your grade for this component will be replaced with another task. Please submit and discuss your proposal for approval.

Pen-Testing Application Experience: The focus of this project is to enable students gain a deeper experience of implementing and using cybersecurity applications / tools. You may work individually or in pairs to investigate a pen-testing application in virtual box environment for creating a pen-testing lab activity (hands-on scenario -attacker and target machines).

You will submit a technical manual and video recorded demonstration of using the application. You must get the application preapproved by the instructor. Work on unapproved application will be awarded **0 points** as project score. *Additional details will be provided in the class.*

Case Studies: Each student is required to analyze the cases and actively participate in the in-class case-study discussions. **You will submit individual responses** to the assigned case study questions after the case is discussed in the class to earn points. Case study points are spread equally between in-class discussions and individual response submission. **You must participate in the in-class discussions AND submit the individual response to earn the points.** *Additional details will be provided in the class.*

Quiz: Short 15 minutes quiz for each chapter (multiple-choice, true/false) based on the course textbook. **Maximum of 2 attempts allowed for each quiz** (Your highest score in each quiz will be used for grade calculations). You are free to refer to your textbook, the course content in Blackboard, and your personal course notes. **Quizzes will be available for a limited time.** If you do not take a quiz by its closing date, then your grade on that quiz is a 0. ***One quiz with the lowest score will be dropped.***

Exams: Examinations/quizzes are designed to test (1) your mastery of terms and concepts and (2) your ability to apply those terms and concepts to problems. Exams will consist of multiple-choice, true/false, fill in the blank, and discussion questions (short answer/essay type) based on the course textbook. **Only one attempt will be allowed to take the exams.**

The exams are a closed book, closed notes. You are not allowed to use any other resources during exams (no electronic devices other than the computer on which you are taking the exam, which includes no cell phones, no cameras, no tablets, no second computer). The exams will be available on Blackboard using the **Respondus Lockdown Browser and a WebCam.**

- **Exam 1 and Exam 2 are scheduled for one hour. The optional Exam 2 will cover materials not covered by the first midterm exam. The lower mark of the two exams would be dropped**
- **The Final Exam is cumulative.**

Make-Up Exam: There will be no Make-up quiz or exam. If you miss any quiz or exam, you get a 0. The only exceptions to this rule are:

- Cases governed by federal and / or state laws - Active military service, Pregnancy / childbirth. Written documentation must be provided.
- Documented medical excuse: You must provide a note from the wellness center on the first class you return to after the missed exam.
- Other institutional excuses: There may arise situations related specifically to Stockton that prevent you from being able to attend an exam (e.g., an away game for a Stockton team that you are on, a fieldtrip for a Stockton course, etc.). In most such cases, you should be aware of the conflict beforehand. You must notify me of this conflict one week prior to the missed exam, with written documentation (e.g., letter from Stockton coach, etc.).
- Other similar situations: similar documentation must be provided.

Due Dates: All assignments must be submitted electronically via the Blackboard Assignment tool by the specified closing dates and times, made available via Blackboard. No late submissions without valid exceptions will be allowed (*Pl. refer make-up exams*).

Get-Out-Of-Jail-Free-Card: No-questions-asked extension on an assignment deadline, with no grade penalty, for up to two assignments. The get-out-of-jail free card acknowledges the unanticipated challenges you may face in completing all their academic assignments by the due date, whether because of personal issues, or the piling-up of assignments from more than one course on a given date. You can use the card for missed Cengage MindTap Lab Activities, Quizzes, and Chapter Review Task, and set a new due date for yourself to submit the missed work. To use the card, just send me a message (include assignment information and the new due date) via Course Message Tool on Blackboard within one week after the missed deadline. ***Note:*** *The card is not needed for exceptions mentioned in the Make-up exam section.*

One-on-One Meetings: We'll have scheduled one-on-one meetings to discuss your course progress, career options, and opportunities, and for any help or assistance I can provide.

Academic Honesty: You are encouraged to work together with your classmates to help your high-level understanding of the material presented in the course. Any solutions to individual assignments/exams etc., submitted for credit must be **your own work done on your own**. Please familiarize yourself with Stockton's policy on academic honesty (<http://intraweb.stockton.edu/eyos/page.cfm?siteID=209&pageID=17>). The penalty for a first violation is: (a) a grade of 0 on the quiz or assignment of your violation, **and** (b) a 10 point reduction of your overall course grade. The penalty for a second violation is a grade of F for the course. Examples of violations include, but are not limited to: (a) any form of cheating on a quiz or assignment, (b) passing off the work of another as your own, (c) assisting someone in violating the academic honesty policy, (d) asking someone to assist you in cheating or other academic honesty violations (even if they refuse to help you cheat),

(e) failing to fully explain the logic in reaching the solution / orally defend the work if called upon to do so, etc. So you are fully as responsible for guarding your work as you are for doing your work.

The following guidelines should help you. Unless explicitly specified that the assigned task can be done in groups, you must do the work individually on your own. When in doubt, do and protect your work and check with the instructor before you do anything out of the ordinary.

The exams are closed books, closed notes unless announced otherwise. **“Respondus LockDown Browser and Webcam for online exam” must be used for online exams.**

- The Lockdown Browser gives you access only to the exam in Blackboard and nothing else (e.g., no other web browsing, no printing, no screen captures, no other applications).
- Respondus uses your WebCam to automatically proctor the exam.

Using any other resources during exams (books, notes, electronic devices other than the computer on which you are taking the exam, including cell phones, cameras, tablets, second computer) will result in a grade of ‘F’ for the course.

Pre- Exam Review Session: Pre- exam review will be done before each examination. For this, please read the material and submit a list of questions / topics you are having difficulty with and submit your list to the instructor via Blackboard at least one class prior to the review session.

Attendance: Attendance for the **ENTIRE** class periods / lab sessions is expected. The occasional bathroom break happens. If there is something major going on, and you must take a phone call- let me know and leave class. But these occurrences should be rare, VERY rare. While it is expected that every effort will be made to attend EVERY class, it is recognized that there will be times when student will sometime miss a class session when emergencies arise. Whenever possible, it is expected you to notify me of any such emergency PRIOR to an absence. It is the responsibility of the student who misses class to get up-to-date with work done during his/her absence.

Grading: This is a professional course, and you must demonstrate a comprehension of the material covered in the class. This comprehension must be demonstrated on the exams and assignments/activities done in the course

Grade Distribution:

Course Component	% of Overall Grade
Exam 1 / Exam 2	20%
Final Exam	20%
Network Defense labs (<i>Cengage MindTap</i>)	10%
Ethical Hacking Labs	10%
Quizzes	7.5 %
HBR Case Studies	7.5%
Chapter Review Tasks (Interesting Confusing / Proposed Quiz Questions)	7.5 %
This Week in Cybersecurity	5%
Pen-testing Practical Experience	12.5%
Total	100%

Re-Grades Policy: If you believe there is an error in your score for any graded component, please submit a written statement (via Blackboard) containing your rationale for the error and make an appointment with me to discuss it. This statement needs to be supported by as much documentation from the text (cite the page number), lecture slides, or other relevant material as possible to have the highest probability of success. **Simply sending a note to ‘re-grade xyz’ without adequate justification is insufficient.** Re-grade requests will only be accepted up to one week after the grade is made available to the students.

Grading Scale:

A : score ≥ 93	A- : $90 \leq \text{score} < 93$	
B+ : $87 \leq \text{score} < 90$	B : $83 \leq \text{score} < 87$	B- : $80 \leq \text{score} < 83$
C+ : $77 \leq \text{score} < 80$	C : $73 \leq \text{score} < 77$	C- : $70 \leq \text{score} < 73$
D+ : $67 \leq \text{score} < 70$	D : $63 \leq \text{score} < 67$	D- : $60 \leq \text{score} < 63$
F : score < 60		

INCOMPLETE Policy: A grade of incomplete will only be given under extraordinary, unforeseen circumstances at the instructor’s discretion and must be approved before the end of the course. Additionally, you must be caught up on all work up

to the point where your medical emergency began and is currently in the “C” range or better overall when your emergency began. Instructors are not obligated to give “incomplete” grades.

Expectations for Technology Use - Do not record audio or video in Zoom meetings without prior written approval from the participants’ (your faculty and peers). 25% of the overall score earned otherwise will be deducted each time you are found recording audio or video in Zoom meetings without the participants (your faculty and peers) prior written approval.

Any Zoom meetings permitted to be recorded (video or audio) is for the personal use of a specific student and may not be shared with anyone in any manner. Such recorded materials are expected to be deleted at the end of the semester unless the participants (your faculty and peers) have provided prior written permission.

Americans With Disability Act (ADA) Statement – A student who has a disability that might affect his/her performance should consult with the Wellness Center to determine appropriate accommodations and meet with the instructor in confidence to inform the need. All accommodations must be arranged in conjunction with the Wellness Center.

Sexual Misconduct - The Stockton Student Senate has requested that all faculty include the following important information on our syllabi. If you find yourself a victim of sexual misconduct, including sexual assault, domestic violence, dating violence, and/or stalking, the following resources are available to you at Stockton and in Atlantic County.

Confidential Resources:

- WGSC Hotline 609-849-8473
- Counseling Center 609-652-4722
- Avanzar (www.avanzarnow.org) 1-800-286-4184
 - The county domestic violence/sexual assault program

Non-Confidential Resources:

- Stockton Police 609-652-4390
- Care & Community Standards 609-626-3585
- Title IX Coordinator, Valerie Hayes 609-652-4693

The syllabus is subject to change with notice due to class or external circumstances. Any changes will be duly informed to the students. It is the student’s responsibility to be aware of these changes.

Pandemic Safety

Safety: As indicated by the UROC [FAQ](#) site, there are extensive safety protocols in place including enhanced cleaning procedures.

Mask Requirement: As indicated by the UROC [FAQ](#) site, everyone, regardless of vaccination status, is required to **wear a mask through the entirety of the class session** and in most campus areas. This mask requirement applies to all courses with an in-person component, no matter how brief, including traditional and hybrid classes, labs, seminars and studios. If students do not have a mask, disposable surgical masks will be available in the Wellness Center, the Campus Center Information Desk, the John F. Scarpa Academic Center Information/ Security Desk at the Atlantic City campus, and in most division office suites throughout the Galloway and Atlantic City campuses. Faculty will instruct students not wearing a mask to leave the classroom. Failure of a student to comply will result in additional actions.

Note: Students who cannot safely wear a mask for medical reasons may submit an accommodation request to the [University's Learning Access Program](#). If an accommodation is granted, the student will be given an accommodation letter to provide to the course instructor. The student may wear a face shield or alternate face covering as an approved accommodation.

COVID Illness: Residential students experiencing [COVID-related symptoms](#), will remain in the residence hall and non-residential students will not come to campus. Students should log onto the Stockton *GoPortal*, choose the "Student Life" tab, click the red "Stockton COVID-19 Reporting" button, and complete the form. After completing the form, students will be contacted by Student Health Services. [The Dean of Students Office](#) will assist with contacting faculty to make any necessary arrangements if you need to miss classes. If you are diagnosed with COVID, please follow the instructions on the Student Assistance Resources page. If COVID impacts your educational experience, it may be useful to be familiar with the following policies:

- Procedure #2018: [Drop/Add and Withdrawal from a Course](#)
- Procedure #2020: [Leave of Absence/Withdrawal from University](#)
- Procedure #2030: [Course Attendance](#)

View the [Academic Calendar](#) for Spring 2022 including course drop and withdrawal dates.

Contingency Plans: The University monitors campus-wide health and safety conditions, including possible or confirmed COVID-19 cases. Decisions regarding potential contingency plans are made by appropriate administrative executives in accordance with public health guidelines. Monitor current updates by checking the [Campus Operations During COVID website](#). Based on decisions made, faculty will communicate specific plans for this course. Should the plan involve use of computers and you do not own a computer, Stockton has a temporary device lending program for students who do not otherwise have access to a computer off campus. Students should contact the ITS Help Desk for more information (609-652-4309).

Class Structure

This in-person class will be conducted using technology such as Zoom, Blackboard and Cengage Learning Platform

Course Technology

This course requires students to have access to a Windows 10 PC or Mac computer (desktop or laptop) with Wi-Fi connectivity. Additionally, students must have technology that allows audio and video transmission to facilitate faculty and student interaction important for learning. A web camera and headset or microphone are expected course tools. During class meetings on Zoom or other video conference system, students may be required to be visually seen and/or heard. Class sessions may be recorded and made available for educational use in this course. Students may use appropriate virtual backgrounds when participating in virtual sessions. If students require accommodations due to a restriction against participating in any audio or video recordings, speak to the faculty and seek guidance from [Stockton Cares](#) to be directed to the appropriate office for accommodations.

In this course, we will use Zoom, Blackboard and other online learning platforms mentioned above in the syllabus. Specifically, we will use Blackboard to host course documents including the syllabus, assignment submission and taking tests. Zoom will serve as our virtual classroom. It is important to follow all instructions related to the use of course technology.

Blackboard: Do not share your Blackboard username and password. All content in Blackboard belongs to the course and may not be recorded, copied or provided to others. Review the available [tutorials](#) to help you navigate Blackboard.

If you are planning to access Blackboard with a mobile device, download the app from the [App Store](#) (iphone/iPad) or from [Google Play](#) (Android phones and tablets). The Blackboard app permits you to view course content, take tests (unless Respondus is required) and obtain your grades.

Zoom: Students will join Zoom sessions using the link provided in Blackboard. Students may not record, share, or retain any Zoom sessions without written permission from the course instructor. Zoom session information including session passwords may not be shared with anyone outside of class as a protection against zoombombing and unauthorized viewing of course materials.

Expectations for Technology Use

Technology is an essential delivery method of course instruction and part of our learning environment. However, when used inappropriately, technology may hinder learning. If sharing your computer screen during a scheduled videoconference session, only display information pertaining to the course content. Students may not share videoconference session information with anyone who is not a member of the course. Inappropriate use of technology can be distracting to your peers, causing negative effects on the learning environment. Respect for your peers and faculty is expected. For information about online netiquette, review <https://coursedesign.colostate.edu/obj/corerulesnet.html>.

Technology may not be used to record class material without prior approval of the faculty or your peers. Recorded video or audio may be permitted for a student with appropriate accommodations and may not be shared in any public manner. Materials recorded for personal use are to be deleted at the end of the semester unless written permission is provided by the faculty.

Testing Using Respondus

This course requires students to have a webcam, microphone and the [Respondus Lock Down Browser](#) to complete specific course assessments such as exams, tests, or quizzes. Audio and video information during the assessment period may be recorded for security purposes. Note: downloading the Respondus Lock Down Browser and providing consent to record your assessment session will be required to take exams in this course.

Attendance

Students are expected to attend or participate in all class sessions as active engagement in discussion and activities is a necessary component of learning course content. Additionally, faculty are required to report course attendance, learn more about [enrollment verification](#). Being prepared for class to start on time is an important professional skill and courtesy to others. If the class is fully online, students are expected to participate and log-in to virtual sessions or check Blackboard a few times each week.

Notification of an absence or lateness is to be made via Blackboard Course Message Tool as soon as possible. Missing class for religious observance or other University excused event should be reported by made via Blackboard Course Message Tool to faculty as soon as possible, but at least 1 week prior to the absence.

If a student is ill due to COVID, the student will report expected absences to faculty. A student who tests positive will be required to quarantine. If a student is ill for an extended period, student should contact faculty to make arrangements for a missed course work and review Stockton's [leave of absence policy](#). Students may contact [Stockton Cares](#) if illness is creating issues with course completion.

It is the student's responsibility to ask classmates for materials missed due to lateness or an absence. Please refer to Stockton's [course attendance procedure](#). Students must inform the instructor in writing of the absence and make plans to meet course requirements. In the event of an emergency or long-term absence that prevents students from completing work, students will contact faculty. *(Pl. also refer Attendance, and make-up exams exceptions above for further requirements).*

Continuity Planning

Emergency closings and course cancellations/modifications may occur for a variety of reasons including inclement weather, virus outbreak, and other unforeseen events. If we have an emergency and cannot use our typical course communication methods, faculty will communicate via your Stockton email account. The email will contain instructions about continuing our learning during the emergency situation.

Course Schedule

The course modules are designed with the expectation that you are working continuously. Check each module in Blackboard for availability (Note: All times are **Eastern Time**). When you consult the course modules in Blackboard, you will find that you are able to do some work in advance of the closing dates on the course calendar. If your schedule permits you to work ahead, you are encouraged to do so.

	<u>Date</u>	<u>Day</u>	<u>Topic</u>
<u>Week-01</u>	T	18-Jan	Syllabus, Course Overview
	R	20	Cengage Module 1 (Introduction to Security) • <i>Cengage Labs- 1a, 1b</i>
<u>Week-02</u>	T	25	Ethical Hacking-Lab-1
	R	27	Cengage Module 2 (Threat Mgmt Cyberer Security Resources) • <i>Cengage Labs- 2a</i>
<u>Week-03</u>	T	1-Feb	Ethical Hacking-Lab-2
	R	3	Cengage Module 3 (Threats and Attacks on Endpoints) • <i>Cengage Labs- 3a, 3b</i>
<u>Week-04</u>	T	8	Ethical Hacking-Lab-3
	R	10	Case Study-1
<u>Week-05</u>	T	15	Project Workshop
	R	17	Exam 1 (Module 1,2,3)
<u>Week-06</u>	T	22	Ethical Hacking-Lab-4
	R	24	Cengage Module 6 (Basic Cryptography) • <i>Cengage Labs- 6a, 6b</i>
<u>Week-07</u>	T	1-Mar	Project Proposal- One-on-One Review Meeting
	R	3	Cengage Module 8 (Networking Threats, Assessment, Defense) • <i>Cengage Labs- 8a, 8b</i>
<u>Week-08</u>	T	8	Ethical Hacking-Lab-5
	R	10	Cengage Module 9 (Network Security Appliances) • <i>Cengage Labs- 9a</i>
<u>Week-09</u>	T	15	SPRING BREAK
	R	17	SPRING BREAK
<u>Week-10</u>	T	22	Ethical Hacking-Lab-6
	R	24	Case Study-2
<u>Week-11</u>	T	29	<i>Preceptorial advising day, no classes</i>
	R	31	Exam 2 (Module 6, 8, 9)
<u>Week-12</u>	T	5-Apr	Project Status- One-on-One Review Meeting
	W	6	<i>Preceptorial advising day, no classes</i>
	R	7	Cengage Module 12 (Authentication) • <i>Cengage Labs- 12a</i> <i>Deadline to withdraw from full-term course(s) with a W grade</i> <i>Final deadline to file Spring 2022 graduation application</i>
<u>Week-13</u>	T	12	Project Workshop
	R	14	Case Study-3
<u>Week-14</u>	T	19	Ethical Hacking-Lab-7
	R	21	Cengage Module 13 (Incident Preparation, Response) • <i>Cengage Labs- 13a, 13b</i> • Project Deliverables Due Sunday April 24
<u>Week-15</u>	T	26	Ethical Hacking-Lab-8
	R	28	Cengage Module 15 (Risk Management) • <i>Cengage Labs- 15a</i>
<u>Week-16</u>	T	3-May	Final Exam
	R	5	Final Exam Week – No class