



**KENNESAW STATE
UNIVERSITY**

SYLLABUS

COLLEGE OF COMPUTING AND SOFTWARE ENGINEERING

DEPARTMENT OF INFORMATION TECHNOLOGY

IT 4823 INFORMATION SECURITY ADMINISTRATION

SPRING 2023

Course Information

Class meeting time: Online

Location: Online

Instructor

Name: Francis Miawama

E-mail: fmiawama@kennesaw.edu

Office Location: Anytime Online via D2L email.

Office/Cell Phone: N/A

Office Hours: Anytime Online via D2L email.

Course Communication:

- Email is the best way to reach the instructor. Use D2L email if possible. Instructor's KSU email (fmiawama@kennesaw.edu) should only be used when you don't have access to D2L site.
- Students' emails will be replied WITHIN 24 hours during the weekday. Weekend and holidays don't apply.
- When emailing the instructor using accounts other than D2L email, put the course number in the subject line. Emails without proper subject line will not be replied to.
- Avoid using personal email. Sensitive information (such as your grades) can ONLY be sent to D2L email or KSU email account.

Course Description

Prerequisites/Corequisites: (CSE 2300 or MATH 3322) and CSE 3153 and (IT 3123 or CS 350)

Credit Hours: 3 Class Hours 0 Laboratory Hours 3 Credit Hours

Required Texts: There is no textbook assigned. All readings are assigned in weekly modules.

I require that you read the relevant papers and tutorials each week to prepare you for the assigned lab/quiz. Knowledge of the readings will reduce the time it takes you to finish lab assignments.

Recommended Texts: N/A

Course Description:

Technology Requirements:

- This class uses D2L as the hosting site. Run a system check to ensure your computer work with D2L. Check out UITS D2L training: <http://uits.kennesaw.edu/support/d2ltraining.php>.
- Internet Connection. A high-speed Internet connection such as DSL or cable Internet access is highly recommended. You may also use computer labs on campus to complete the coursework.
- A web camera is required for a student to take final exam.
- Microsoft Teams – recorded lectures will be recorded using Teams.

Student Learning Outcomes

By the end of this course, you should be able to:

- Describe the importance of information security and how it affects our changing world.
 - Describe the threats to and vulnerabilities of personal, organizational, and national security information systems.
 - Demonstrate a working knowledge of principles and practices in information security, including application of encryption.
 - Design, execute, and evaluate personal or organizational security policies, procedures and practices.
 - Analyze critically situations of computer use, identifying the security issues, consequences, and viewpoints
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Course Requirements and Assignment

There are seven assignments, four quizzes, four discussion topics, a mid-term exam, and a term project. The details of each are found in the modules within the D2L course content.

Evaluation and Grading Policies

Weight Distribution

Grade Conversion: A: (90-100), B: (80-89), C: (70-79), D: (60-69), F: (0-59)

Grade Indicator: Please ensure you are following grades in D2L.

Your grade is based on the following:

Grading Item	Weight
Assignments	45%
Quizzes	15%
Discussion	15%
Mid-Term	15%
Term project	10%
Total	100%

Grading Scale:

90% - 100%	A
80% - 89.99%	B
70% - 79.99%	C
60% - 69.99%	D
0% - 59.99%	F

Course Policies

Course Attendance Policy

- If you are enrolled in a course that has classroom instruction, I expect that you will be there.

Grading Items Turnaround Time

- The grades for the quizzes and exams will be available 48 business hours after the due date
- The grades for labs/assignments/projects will be available 72 business hours after the due date
- All assignments and discussions will receive feedback.

Assignments & Exam Policy

- All assignments **MUST** be submitted through D2L (<https://kennesaw.view.usg.edu/>) course website by the deadline specified in course calendar.
 - **Email submission will NOT be accepted.**
 - Any assignment that is less or equal than 24 hours late is subject to 10% penalty.
 - Any assignment that is less or equal than 48 hours late is subject to 20% penalty.
 - Any assignment that is more than 48 hours late will **NOT** be accepted.
- All quizzes and exams **MUST** be completed on D2L website by the deadline specified in course calendar.
 - The quizzes exams can't be opened/submitted after the deadline.
 - You have two attempts on each quiz. I will take the highest of your attempts.
- If you must miss an exam due to illness, you must e-mail or call the instructor before the scheduled time. Failure to notify the instructor prior to the scheduled time will produce an automatic zero for the exam. NO makeup test except for emergencies with proof (e.g. doctor's slip).

Proctored Exam: N/A

Student Responsibility

For this class, you are expected to spend seven to eight hours each week on coursework:

- Check KSU email regularly.
- Login D2L course website frequently to access the course material (at least every other day);
- Follow the weekly study guide in the learning module.
- Study the assigned material such as virtual lectures, textbook chapters and PowerPoint slides.
- Complete assigned quiz/assignment/discussion/project on time.
- Join the Teams channel for recorded lessons, etc.
- Communicate, Communicate, Communicate with me

Tips for Effective Online Learning

For an online class, students can really enjoy the benefits of learning at your own pace and at the place of your choice. Below are some tips for effective online learning.

- *Check D2L course website frequently.* It's recommended that students should login to D2L course site **AT LEAST** every other day. Always be aware of status of the course. Take advantage of the posted learning material such as recorded lectures.
- *Work with the instructor closely.* If you have any questions, contact the instructor immediately. You can either email or text me and your message is guaranteed to be replied to within 12 hours.

- *Start your work early.* If you can start a task early, don't start late. Assuming you spend the same amount of time completing the task, starting later will be much more stressful than starting early. Never start until the last minute! You'll have no turnaround time if you need help or something happens.
- *Keep up with the work.* Don't fall behind. If you do, contact the instructor immediately for what you need to do. The instructor may also contact you if he is concerned. Respond to the instructor's inquiry promptly. Don't get a zero on an graded work.

Class Communication Rules

In any classroom setting there are communication rules in place that encourage students to respect others and their opinions. In an online environment, the do's and don'ts of online communication are referred to as **Netiquette**. As a student in my course, you should:

- Be sensitive and reflective to what others are saying.
- **Avoid typing in all capitals** because it is difficult to read and is considered the electronic version of 'shouting'.
- Don't flame - These are outbursts of extreme emotion or opinion.
- Think before you hit the post (enter/reply) button. You can't take it back! Don't use offensive language.
- Use clear subject lines.
- Don't use abbreviations or acronyms unless the entire class knows them. Be forgiving. Anyone can make a mistake.
- Keep the dialog collegial and professional, humor is difficult to convey in an online environment.
- Always assume good intent and respond accordingly. If you are unsure of or annoyed by a message, wait 24 hours before responding.

Course Schedule

All assignments and quizzes are due by 11:59 PM on the last day of the week they are assigned.

The course schedule is tentative and is subject to change. Please use D2L course calendar as accurate due dates.

Academic calendar can be found at: <https://registrar.kennesaw.edu/academic-calendars/>

Weeks	Class Activities	Graded items
1 (1/9-1/15)	Introduction and Module 1: Overview, Authentication, Access Control	
2 (1/16-1/22)	Module 1: Overview, Authentication, Access Control	
3 (1/23-1/29)	Module 2: Cryptography, Blockchain, Smart Contract	Assignment #1, Quiz #1
4 (1/30-2/5)	Module 2: Cryptography, Blockchain, Smart Contract	Discussion #1
5 (2/6-2/12)	Module 3: Software Security; OS Security; Trusted Computing	Assignment #2
6(2/13-2/19)	Module 3: Software Security; OS Security; Trusted Computing	
7 (2/20-2/26)	Module 4: Attacks and Network Defenses	Assignment #3, Quiz#2
8 (2/27-3/5)	Module 4: Attacks and Network Defenses	Discussion #2 Mid-Term Exam
9 (3/6-3/12)	Spring Break	Mid-Term Grades

Weeks	Class Activities	Graded items
		Due (Mar 7)
10 (3/13-3/19)	Module 5: Cloud Security, Mobile Security	Assignment #4, Quiz #3
11 (3/20-3/26)	Module 5: Cloud Security, Mobile Security	Discussion #3
12 (3/27-4/2)	Module 6: Security of Wireless, Smart System	Assignment #5
13 (4/3-4/9)	Module 6: Security of Wireless, Smart System	Discussion #4
14 (4/10-4/16)	Module 7: Security controls, risk management, auditing, compliance	Assignment #6
15 (4/17-4/23)	Module 7: Security controls, risk management, auditing, compliance	Assignment #7
16 4/24-4/30)	Module 8: Traffic Analysis (Term project)	Quiz #4 Term Project Due
17 (5/1-5/7)	Final Exam. The exam will be available from Mon 5/1 to Sun 5/7)	Final Exam
May 11	Final Grades Due, by Noon	

Institutional Policies

- [Federal, BOR, & KSU Course Syllabus Policies](#)
- [Academic Integrity Statement](#)
 - Examples of violation of academic integrity: 1) copy from others or from Internet; 2) allow others to copy your work; 3) use other's help or help other in completing the quizzes or exams.
 - The first violation of academic integrity, the student will immediately receive 0 for the associated grading item. For the 2nd violation, the student will receive a fail grade for this course.

KSU Statements on Course Delivery and COVID-19

Course Delivery

KSU may shift the method of course delivery at any time during the semester in compliance with University System of Georgia health and safety guidelines. In this case, alternate teaching modalities that may be adopted include hyflex, hybrid, synchronous online, or asynchronous online instruction.

Face Coverings

Based on guidance from the University System of Georgia (USG), masks are encouraged based on individual preference and assessment of personal risk. Disposable face coverings can be picked up at the Office of Emergency Management at Chastain Pointe on the Kennesaw campus and Norton Hall Police Precinct on the Marietta campus. Please email oem@kennesaw.eduif you have questions.

Student Resources

This link contains information on help and resources available to students: [KSU Student Resources for Course Syllabus](#)

KSU Academic Integrity Statement

Every KSU student is responsible for upholding the provisions of the Student Code of Conduct, as published in the Undergraduate and Graduate Catalogs. Section 5c of the Student Code of Conduct addresses the university's policy on academic honesty, including provisions regarding plagiarism and cheating, unauthorized access to university materials, misrepresentation/falsification of university records or academic work, malicious removal, retention, or destruction of library materials, malicious/intentional misuse of computer facilities and/or services, and misuse of student identification cards. Incidents of alleged academic misconduct will be handled through the established procedures of the Department of Student Conduct and Academic Integrity (SCAI), which includes either an "informal" resolution by a faculty member, resulting in a grade adjustment, or a formal hearing procedure, which may subject a student to the Code of Conduct's minimum one semester suspension requirement.

Additional syllabus information <https://cia.kennesaw.edu/instructional-resources/syllabus-policy.php>