

Course: EEGR 483 – Introduction to Security Management

Faculty Name: Dr. Tolu B. Odumosu

Term: Spring 2026

Introduction to Security Management

EEGR 483 - Spring 2026

Class Hours:

Lecture Thursdays 5:30pm – 8:20pm @ McMechen Hall 409

Instructor

Toluwalogo “Tolu” Odumosu, PhD

Associate Professor

Electrical Engineering

Morgan State University

O: McMechen Hall 504

P: +1 518 322 7050

E: tolu.odumosu@morgan.edu

Office Hours: Mondays and Wednesdays from 1pm – 4pm

20 minute Virtual Sessions. Sign up here 24 hours in advance -

<https://bit.ly/odumosuspring2026>

Overview: This course will provide a background in the many aspects of security management associated with today's modern communications and networks. It includes the fundamentals of Risk Analysis, Risk Management, Security Policy, Security Operations, Legal issues, Business issues, and Secure Systems Development. This class is part of the NCAE-certified cybersecurity track in ECE and fulfills the following Knowledge Units.

Basic Scripting and Programming - BSP

Policy, Legal, and Ethics – PLE

Cybersecurity, Planning and Management – CPM

Cybersecurity Ethics – CSE

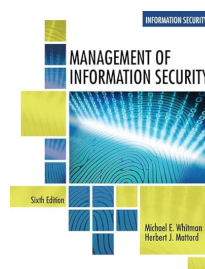
Security Risk Analysis – SRA

Intrusion Detection/ Prevention Systems - IDS

Class Communication: When sending an email about our class, please include **EEGR 483** in the subject line so your email is sorted into the appropriate folder. Doing so will ensure a prompt response. *Not doing so may result in a delayed response.*

Required Texts/Materials

Management of Information Security 6th Edition by Michael E. Whitman and Herbert J. Mattord



Grading

Assignment	Weight
Weekly Quizzes	20%
Attendance	20%
4 Tests across the semester	20%
Discussion Posts	10%
Discussion Lead Evaluation	10%
Projects	10%
Final	10%

Grading Scheme

A (Superior)	100 %	to 90.0%
B (Average)	< 90.0 %	to 84.0%
C (Unsatisfactory)	< 84.0 %	to 80.0%
F (Failing Work)	< 80.0 %	

Class Schedule

Weekly reading assignments and discussion projects are listed below

Week		Reading Assignment	Notes
1	Introduction to Security Management & the Class	First day of Class No Reading assigned	<i>Note that there are weekly quizzes</i>
2	Compliance: Law & Ethics – what are they and how are they similar and/or different as regards security management?	Pages 1-45	KU: CSE
3	Compliance revisited	Pages 45-94	KU: PLE / CSE
4	Governance and Strategic Planning for Security	pages 95-134	<i>Test 1</i>
5	Information Security Policy	Pages 135-182	KU: CPM / PLE / CSE
6	How to develop Security Programs : ISSP, EISP	pages 183-224	KU: CPM
7	Policy Development and Enforcement, NIST CSF and the SP 800 Standards	Pages 225-270	KU: PLE / CPM
8	Mid-Term Exam	Pages 271 - 314	<i>Midterm Exam Week - Test 2</i>
9	NO CLASS	Spring Break	
10	How to develop a security program in the Enterprise / SETA / Project Management and Enterprise Security	Pages 315 - 360	KU:CPM
11	How to manage Risk / Introduction to Risk Assessment	Pages 365-404	KU: CPM
12	Models for Security Management – ISO 2700 / ISGF	pages 411-449	KU: CPM
13	Access Control and Security Management Practices	Pages 450-494	KU: CPM
14	Contingency Planning	Pages 497-539	<i>Test 3</i>
15	Maintaining the Security Enterprise	Pages 540 - 586	KU: BSP
16	Protection Mechanism	pages 587-677	KU: IDS, BSP
17		Final Exam	

Attendance Policy

Attendance is required for this class. You need at least 85% attendance to get a grade in the class. If your attendance is less than this, you fail the class automatically.

You do not need permission to miss a class. It just goes off your allowed 15% absences.

How should we meet?

Prepared, excited, and ready to learn and contribute every day.

General Course FAQs

How will we communicate in this course?

We will make extensive use of the course website and e-mail. You are expected to be courteous, respectful, and professional in your e-mail. To distinguish between course matters and everyday business, **please begin each e-mail you write with "EEGR 483" in the subject line**. As a developing professional, I expect that you will pay close attention to all e-mails from me.

What texts and supplies do I need for the course?

Ensure you have a copy of our required text. Any other readings or materials will be available on the course website.

How should I submit my written work?

To facilitate accurate and speedy responses, please submit assignments electronically as **PDF** files. I am unable to process any other file type (e.g. doc or .docx). Late or missing work will lose points at the rate of 2% every hour. To protect yourself from computer crashes, always make and keep a hard copy of each assignment. Remember that I grade documents as they appear on the course site. *Please make sure to turn in your work correctly (i.e. not a Word doc. or a rough draft) and on time by the deadline and to check our course site to verify that it was submitted. It is your responsibility to make sure your work is turned in correctly and on time.*

On Plagiarism: The Honor Code and Plagiarism are taken VERY seriously in this class. Please take the time to review the Morgan State University [Code of Student Conduct Website](#) and the [Citations and Plagiarism website](#).

What accommodations are there for students with learning needs?

Should you have learning needs that require accommodation, please provide the appropriate documentation from the relevant office.

Statement on Safety and Wellbeing

Morgan State University is dedicated to providing a safe and equitable learning environment for all students. To that end, it is vital that you know two values that the University and I hold as critically important:

1. Power-based personal violence will not be tolerated.
2. Everyone has a responsibility to do their part to maintain a safe community on campus.

As a result, the University proudly serves as a safe space for its students and aims to promote their safety and well-being. If you are feeling overwhelmed, stressed, or isolated, there are many individuals here who are ready and wanting to help. If you wish, you can make an appointment with the University Counseling Center –

University Counseling Center

Carter Grant Wilson Administration Building, Room 202

443-885-3130

www.morgan.edu/counselingcenter

The Title IX Coordinator's job is to ensure that reporting students receive the resources and support that they need, while also reviewing the information presented to determine whether further action is necessary to ensure survivor safety and the safety of the University community.

If you or someone you know is struggling with gender, sexual, or domestic violence, there are many community and Morgan State University resources available. The [Division of Student Affairs](#) is a great place to begin.