COEN 4840 / EECE 5840 – Computer Security
Fred J. Frigo, Ph.D.
Spring 2020

Course Description:
Introduction to the important issues in computer security, including cryptography, program security, operating system security, database security, and network security. Also discusses the legal, ethical and privacy issues that arise in computer security. Programming projects enable the student to practice implementing many of the security measures discussed in class.

Additional Details:
We will explore various cybersecurity exploits & analyze strategies for the protection of computer systems and information from harm, theft, and unauthorized use. The goal of homework and projects will be to gain a deeper understanding of the ideas and concepts of this course through actual implementation in such areas as: network configuration, TCP/IP, firewalls, encryption, certificates, SYSLOG, TLS etc.

Location & Schedule:
Class meets Tuesdays & Thursdays: 5:30pm-6:45pm
Haggerty Hall - Room Olin 160

Grading:
Homework and Projects: 60%
Mid-term exam: 20%
Final exam: 20%

Recommended Text:
Computer Security - Principles and Practice – 3rd Edition
By: William Stallings; Lawrie Brown   Publisher: Pearson
Print ISBN: 9780133773927, 0133773922
eText ISBN: 9780133774368, 0133774368
Copyright year: 2015

Other Notes:
Attendance will be taken. Unexcused absences may disqualify students from extra credit incentives. Excessive unexcused absences may result in grade of WA or WF per Marquette University guidelines. Students must comply with Marquette University's Honor Code and Honor Policy. Consult Undergraduate/Graduate Bulletin for additional information.

Office Hours:
By appointment – Haggerty Hall – Room 235

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