

SE 330 : Introduction to Cybersecurity

The purpose of the course is to provide the students with an overview of the field of Cyber Security. Students will be exposed to a wide spectrum of security techniques used to protect information assets, manage risk, and detect and react to threats to information assets. In this module, students will learn about data/system/network protection mechanisms, intrusion detection systems, models of security, cryptography, hashing, authentication and non-repudiation, network system security, attack strategies, malware, secure applications (development), and cyber-security policy.

Credits 3

Lab Hours 0

Lecture Hours 3

Tutoring Hours 0

Prerequisites

EE 305

Corequisites

None