

CYBR 3210: Client Systems Security

3 Credit Hours

Prerequisite: (CSE 1321 and CSE 1321L), and Cybersecurity Major, Cybersecurity Minor, or Cybersecurity Undergraduate Certificate.

This course explores client computer system technology, security, and control of vulnerabilities. It will include relevant computer architectures, and operating systems and will provide the detailed technical coverage necessary to protect computer information system clients by presenting the knowledge of client platform computer hardware components, client network devices and interfaces, as well as the structure and usage of common client operating system software from a cybersecurity perspective.

CYBR 3220: Global IS Project Management

3 Credit Hours

Prerequisite: CYBR 3100 and Cybersecurity Major

In this course, students will be exposed to the basic principles of Global Project Management, effective teamwork and collaboration. It will prepare students to understand key issues in global project management such as project initiation, planning, scheduling, budgeting, risk analysis, quality management and communicating and collaborating across political and cultural boundaries. Tools such as Microsoft Project will be used to develop and track Information Systems projects.

CYBR 3223: Software Acquisition and Project Management

3 Credit Hours

Prerequisite: (CSE 1321 and CSE 1321L) or IT 1113, and Cybersecurity Major, Cybersecurity Minor, or Cybersecurity Undergraduate Certificate.

The course provides a high level introduction to two areas that are crucial to the IT profession, namely project management and software acquisition. It introduces students to the phases both in the project management and software acquisition and implementation process. Since requirements are crucial to both activities, the course will provide students with an in-depth introduction to requirements engineering. The course will also introduce students to a widely used project management information system.