

CSNS 1610 : Fundamentals of Information Security

An introduction to the fundamental issues, concepts and tools common to areas of security. Topics include who are the attackers, their motivations, and risk tolerance. Essential tools will be introduced covering the areas of anti-virus, monitoring, virtual machines, account control, and access rights management. Security models such as access control lists, role-based access control, Bell-La Padula, and others will be studied. Concept areas such as confidentiality, integrity, availability and privacy will be studied. Lecture/laboratory. Prerequisite: CSNT 1200 and either CRST1030 or CSCI1730. Lab fee

Credits 0.0-4

Semester Offered

Spring