CSC 4900: Networks and Security

Organization of computer networks (e.g., the internet); TCP/IP protocols; switching and routing methods; IP addressing and forwarding; TCP flow and congestion control; client-server communication; cryptography: secret-key, public-key, digital signatures; security attacks and defenses: authentication and authorization, denial of service, firewalls, VPNs.

**Credits:** 3

**Prerequisites:**
- CSC 2405
- CSC 2405 :D- or CSC 1600 :D-

**Programs:** Computing Sciences
- Computing Sciences