

CSC 4900: Networks and Security

Organization of computer networks (eg., 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

Program: [Computing Sciences](#)