CSIS 265: Internetwork Architectures

Building on the foundations of Local Area Networking (LAN), this course is an introduction to internetworking, including the architectures, protocols, and implementation strategies underpinning Wide Area Networks (WANs). Topics include the design, deployment, and management of wide-scale networks that connect multiple LANs across diverse geographical locations, including routing and switching, WAN topologies, virtual private networks (VPNs), quality of service (QoS), and recent advancements in WAN technologies. Hands-on labs and real-world case studies will provide practical experience in designing, troubleshooting, and optimizing WANs.

Credits: 3
Prerequisites:
CSIS 245
Program: Computer Science
Semester Offered: Spring