

Networking

Local Course #: 82321

State Course ID: 13027400

Course Description:

This course equips students with in-depth knowledge and practical skills in data networking technologies, preparing them for careers in the rapidly growing field of network infrastructure and management. Students will explore core networking concepts, including the design, implementation, and maintenance of networks, with an emphasis on real-world applications. Through hands-on labs and projects, they will reinforce their understanding by applying and transferring their skills to various scenarios and problem-solving tasks, ensuring they are ready for both personal growth and professional success in networking.

Link to TEKS:

https://texas-sos.appianportalsgov.com/rules-and-meetings?locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F08%2F2025&recordId=225623

First 9 Weeks Major Topics:

Introduction to Cybersecurity, Layers and Protocols

Second 9 Weeks Major Topics:

IP Subnetting and Addressing, Configuring LAN

Third 9 Weeks Major Topics:

Advanced LAN Topics, WAN, PAN, P2P

Fourth 9 Weeks Major Topics:

Network Security