

Networking



Prerequisite: Computer Maintenance

Course: 1831CA/CB

Credits: 2

Length: 36 weeks

Placement: 10-12

Course Description

The world is more digitally connected every day. Computers, smartphones, tablets, GPS systems and satellite communications systems all use telecommunications networks. Smart houses and remote access cars are also on the net. This class will cover designing subnets, maintaining security and firewalls and other network basics. Visit Achieve Texas for more information on careers <http://www.achievetexas.org/Information.htm>

Student Activities

- Students will design, connect and troubleshoot networks and servers.
- Students participate in community service projects such as providing a video game room at a Christmas party for underprivileged children.
- Students have the opportunity to compete in SkillsUSA.

What's next?

Consider these courses to further enhance your skills:

- Computer Maintenance
- Robotics I
- PLTW Engineering
- Video Game Design I, II, III
- Web Technologies
- Visit Achieve Texas for more information on careers:
<http://www.achievetexas.org/Information.htm>

Competitions



Certifications

CompTIA Network Certification Possible

Student Cost: \$319

Certification paid for by CTE if student has an 80+ GPA in course and passes a practice test