

# 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



SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce with over 300,000 members

## Certifications

TestOut

Student Cost: \$44.50, BBIA Cost: \$44.50