

Course Fact Sheet for Computer Repair and Networking

Teacher Information:

Chris Dotson 639-0171 dotsonc@gcschools.net

Website: <http://www.teacherweb.com/TN/GreenvilleCitySchools/ChrisDotson/index.html>

Class Description:

The Computer Repair and Networking class covers several areas. The beginning class covers computer hardware, computer software and operating systems, along with computer troubleshooting and repair. The student will be able to build a computer within about six or seven weeks into the class. The second semester emphasizes computer networking, which allows computers to be connected together for sharing and communication. There is also more PC troubleshooting and repair. The third semester covers telephone, data, and video cabling, followed by Home Technology Integration and home automation. The fourth semester is advanced networking with Microsoft server and workstation operating systems.

Course Codes, Sequence, and Credits:

1st Semester: 5756 Computer Operating Systems and Hardware (2 Credits)

2nd Semester: 5755 Information Technology Foundations (1 Credit) *and*
5757 Networking (1 Credit)

3rd Semester: 5758 Cabling Technology (2 Credits)
(Includes additional standards and competencies for the second credit)

4th Semester: 5757 Advanced Networking (2 Credits)
(Additional standards and competencies for 5757 course code)

Academic Recommendations for this Course Sequence:

- Reading—Student should be able to read and summarize. This class requires better reading skills than math skills.
- Math—Basic addition, subtraction, multiplication, division, and fractions. We will also work with some basic exponents and number systems.

Grading: **A:** 93-100 **B:** 85-92 **C:** 75-84 **D:** 70-74 **F:** 69 and below

- 25% Attendance
- 25% Attitude and Effort (This affects EVERYTHING, and is the key to success in this class)
- 25% Skills (Hands-on activities in lab)
- 25% Academic (Worksheets, tests, etc.)

Safety Requirements:

All students are required to pass the safety test with 100% accuracy. Safety glasses are required, and may be purchased from the teacher, or the students may bring their own (must be CLEAR lenses).

Required Supplies:

- Pencil or pen and paper, safety glasses, and notebook (three ring binder style)

Teacher Comments:

- The student must have a genuine interest in computers.
- To be successful in class, a student needs to be willing to do their best and follow instructions. The basic rules are “Respect Other People”, and “Respect Other People’s Stuff”. Any student willing to follow these guidelines can be successful.
- This class prepares students to work as a Computer Technician, Network Administrator, Cable Installer, Communications Technician, and many other Information Technology careers.
- Advanced students are eligible for the A+ Certification test
- Salaries can range as high as \$50,000 to \$80,000 with experience in the Information Technology field.