Mr. Weikert   Period_____   Name_____

Course Outline   Getting Started   Computer Networking

Course Overview
The goal of the computer networking class is to prepare students to successfully pass the TestOut Network Pro certification exam.

State Standards
The state standards taught in this course are:
3.7.12.C Evaluate computer operations and concepts as to their effectiveness to solve specific problems.

Course Objectives
Upon completion of the course you will be able to pass the TestOut Network Pro exam.

Topics to be Studied
- Networking Basics
- Cables and Connectors
- Networking Devices
- Ethernet
- IP Configuration
- Switch Management
- Routing
- Firewalls
- Network Customization
- Wireless Networking
- Wide Area Networks
- Network Policies and Procedures
- Network Security
- Network Hardening
- Network Management
- Network Optimization

Curriculum
LabSim is used for the entirety of the course to teach the course objectives and to prepare students to be successful in passing the TestOut Network Pro exam.

Course Schedule
Spring Semester (Units must be completed by the due date.)
Students will use the three-ring binder located at the rear of the 200 lab to view the lesson pacing guide. Students must be at or ahead of the pacing guide.

Classroom Policies and Expectations

1. You are responsible for meeting all given deadlines and completing all assignments. Passing all exams is an absolute must. If you do not score all possible points on an assignment, it must be retaken. Failure is not an option in this course. Detention will be scheduled for not completing assigned work. Do not race through the material. It is especially important to spend time memorizing the fact sheets supplied with each lesson. Knowledge of this information must be recalled on the certification exam.

2. If there is a problem with your regular classroom computer, let me know **IMMEDIATELY**. If someone has damaged or changed the operation of your computer, protect yourself by notifying me of the problem as soon as you discover it. **DO NOT** attempt to adjust or repair anything on your computer, unplug any cords, or shut down the computer improperly.

3. Be respectful of others at all times. Everyone deserves an equal opportunity to learn. There should be no talking during the time designated for working on assignments. It is especially important to not talk during lab instruction. Even if you have a simple question, don't bother your neighbor. Please raise your hand and I will assist you.

4. Be ready to begin class when the late bell rings. Ensure that your Chromebook/notebook is charged for class. Power strips are located behind the computer displays in some rows of the lab.

5. Use appropriate language at all times.

6. Food and drinks (including water) are not allowed near the lab computers.

7. The only programs/applications that may be used on the computers are those that are studied in the course. Use of the Internet during class should not occur unless instructed to do so. Disks of any kind (including flash drives and external hard disks) may not be inserted/connected to the computers. No personal devices should be connected to the computers at any time unless instructed to do so. Use of other types of electronics is not allowed. Violation of these district policies may result in disciplinary action.

8. Academic dishonesty in any form, whether cheating or plagiarism, is unacceptable. A first offense will constitute an immediate discipline referral and a second offense may constitute a loss of credit for the course (as defined in the Student Discipline Code).

Absences

If you are absent from class, it is your responsibility to complete work assigned during your absence. All assignments can be found via the Assignments link in Schoology. This link will allow you to view a folder with a file of what occurred during each day of class. You will have two days to complete work that was due during the absence including quizzes and tests, unless you make individual arrangements to complete the work at another time.

My LabSim Username and Password is: _____

Notes: _____

_____

_____

_____