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Networking 2

Teacher: Mr. Bushard

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Room 112

Daily 9:33am – 11:05am

Office Hours: 7:15am – 7:45am & 2:10pm – 3:00pm

Course Overview

The Networking 2 class will prepare students to take and pass the TestOut Network Pro certification and, optionally, the CompTIA Network+ industry certification. It will focus on how networks function and how to troubleshoot connectivity problems.

Topics

- Networking Basics
- Network Cabling and Hardware Devices
- Network Addressing and Services
- Ethernet
- Firewalls and Intrusion Detection
- Switching and Routing
- Specialized Networks
- Wireless Networking
- Wide Area Networks (WANs)
- Network Operations and Management
- Network Security
- Hardening and Update Management
- Network Optimization and Troubleshooting
- Network Pro Certification

Grading

Assignments are presented through Moodle links to the TestOut LabSim interface. Assignments are in the form of Videos, Demos, Labs, Quizzes (Practice Questions), and Tests. The average score for each Lab and Quiz at the due date will be recorded in powerschool. Module Tests are derived from a compilation of labs and quizzes from the unit assignments. The final competency for this course is achieving the Network Pro Certification.

Class Expectations

- All MTCHS Handbook policies will be followed
- Do your own work—cheating and plagiarism are not tolerated
- Students are responsible for checking due dates in PowerSchool

Late Work, Make-Up, and Redo Policy

Late Work

Work for the current module is considered due by midnight the day before a scheduled Module (unit) Test. Students may receive no more than 70% for any late assignment. Any missing or late assignment may be submitted up to two (2) school business days after the due date. Exceptions to this policy may be requested by the student in writing or email. The instructor will make the final determination on extension requests and will inform the student of the decision.

Make-Up Work

Students may be allowed up to two days per unexpected absence to complete make-up work. Unexpected absences are those due to sudden illness, injuries or death in a family. In general, tests will not be rescheduled, the instructor will make this final determination on a case by case basis.

Redos

If a student receives below a 70% on a test, a student may redo that test for a grade up to 70%. The instructor will determine the date by which the redo needs to be completed.