CENTER FOR ADVANCED TECHNICAL STUDIES COURSE SYLLABUS
NETWORKING I (CISCO)

Course: Networking I (Cisco)
Teacher: John A. Johnson
E-mail: JAJohnso@Lexrich5.org
Planning period: 1A/2A
Web Site: http://www.lexrich5.org/webpages/jjohnson/
Semesters: 1
Credits Earned: 1

Grade Scale
A = 90-100
B = 80-89
C = 70-79
D = 60-69
F = 0-59

A. Course Description

Networking I is designed to provide students with classroom and laboratory experience in current and emerging networking technologies. Students benefit most from the curriculum if they possess a strong background in reading, math, and problem solving skills. Instruction includes networking media, topologies, network operating systems, models and protocols, codes and standards, addressing, diagnostics, routing, WAN services, network security, and leadership skills. In addition, instruction and training are provided in the proper care, maintenance, and use of networking software, tools, and equipment. The goal of the Networking I and II classes are for the student to pass the Cisco Certified Entry Level Networking Technician (CCENT) exam.

B. Sequence of Curricular Topics

1st Nine Weeks

1) Exploring the Network
2) Configuring a Network Operating System
3) Network Protocols and Communications
4) Network Access
5) Ethernet

2nd Nine Weeks

6) Network Layer
7) Transport Layer
8) IP Addressing
9) Subnetting IP Networks
10) Application Layer

C. Grading Procedures

Tests: 30%
Homework: 20%
Quizzes: 20%
Projects: 20%
College & Career Readiness: 10%

Students will be graded on a total point basis within each of five categories: tests (30%), projects (20%), homework (20%), quizzes (20%) and College & Career Readiness (10%). Test grades consist of standard pencil and paper tests as well as alternative assessments. Test grades and quiz grades are not dropped. Letter grades are assigned following the school policy. Expect a short quiz almost every day on the material covered the last class period.

D. Late and Make-up Work

Make-up work must be completed either during class or outside of regular class periods. The school's make-up policy will be followed and can be found in the Student Handbook.

If you are absent the day an assignment is due, you are expected to turn it in the day you return to class. I will not remind you.

If you are absent you are expected to follow the school policy regarding absences. You have five days to make up work from an absence. **All work not made up within the time frame specified by school policy is assigned a grade of zero**. I will not remind you or ask for your make-up work. It is your responsibility. An assignment log will be kept on Google Classroom for you to see what assignments you may have missed and when they are due.

E. Scheduling Make-ups and Extra Assistance

Before or after school at the Center for Advanced Technical Studies from 7:45-8:15 and 3:35-4:00 or by appointment. Any student wishing to come in for academic assistance needs to sign up with Mr. Johnson.

F. Materials Needed

For this class you will need a writing utensil, notebook of paper, and a binder or folder. You may occasionally need materials for a project. You will be notified in advance. **Bring all materials to every class.**

G. Assertive Discipline Plan

Classroom Rules

Be respectful at all times.
Enter on time and be seated quietly.
Raise your hand and be recognized before speaking.
Follow directions the first time given.

Disciplinary Consequences

First offense: Verbal warning
Second offense: 20-minute detention after school within a week.
Third offense: Call to parent and 30-minute detention after school within a week.
Fourth offense: Referral to the assistant principal.

In the case of severe disruptions/problems, the above consequences may be bypassed and the student asked to report directly to the Assistant Principal.

Note to Parents

Please feel free to contact me anytime you would like an update on your child's progress. I will do my best to respond quickly to all messages. E-mail is the best way to reach me. I check my e-mail frequently. You can check your child's grades at any time on PowerSchool if you have Internet access. Contact the school's main office for information on how to obtain a login name and password to use this feature.

Many students find Networking I to be a challenging subject. Please encourage students to ask questions if they do not understand concepts and/or to come in for extra help early on in the semester if they are having trouble.

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(STUDENT IS TO RETURN THIS PAGE TO TEACHER)

STUDENT TO KEEP PRECEDING PAGES IN NOTEBOOK

Student's Full Name: _____

Parent's Name(s): _____

Home Phone #: _____Work Phone #:_____Cell Phone #:_____

Best Time to Call: _____

Parent's Email Address: _____

I have read and am familiar with the course requirements / syllabus for Networking I.

_____	_____	_____	_____
Parent's signature	Date	Student's signature	Date

Additional information that parent wishes teacher to know: _____

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