



GJHS Course Syllabus

Course Name: PC Maintenance I

Instructor: Mr. Curcio

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Course Overview:

Students will be introduced to the field of computer repair and installation during their first year in the program. Students will learn the parts of the computer, such as motherboards, hard drives, input/output devices, CPUs, RAM, multimedia, printers, and mobile devices. In addition to learning the basics of PC Maintenance, students have the opportunity to earn college credits through Penn Highlands Community College by taking this course, which is equivalent to CIT_165_Hardware Components.

Course Objectives:

Upon conclusion of this course, students will be able to:

- Identify all parts of a PC
- Discuss the functions and interactions of all PC subsystems
- Identify and troubleshoot common PC hardware problems
- Select quality PCs and constituent components based on performance and cost
- Install, replace, and upgrade PC hardware components
- Install and troubleshoot PC peripherals such as printers.

Classroom Rules:

Attendance

This course is a vocational class that meets during the first two periods of the day and follows a continuous schedule in which new concepts are introduced daily. The meaningful discussions and helpful presentations that take place in are impossible to repeat on an individual basis with the same effectiveness, because, in essence, you missed three periods of class. The material you missed will not be covered during class time. Therefore, you must attend class regularly. Before you return to

class, you must get an excusal slip from your academy secretary. Do not enter the classroom without an excusal slip.

If you do miss a class, then it is **YOUR** responsibility to schedule time with me to make up work after school, because of the nature of this class, most work can't be done at home. Please contact me in the case of an extended absence so supplemental work can be provided for you.

Tardies

Please arrive to class on time; arriving late disrupts the educational process for others. Because of the length of the class, you will get a four-minute break when the bell rings for change of classes. However, you will be responsible to arrive on time for 1st and 2nd period. As per the code of conduct, 3 tardies will warrant call home and detention.

Classroom Behavior

The class will begin promptly every day. Do **NOT** log on to desktops until instructed to do so. The introduction to the lesson will begin immediately after the morning announcements. The following rules are to be followed at all times: Be Respectful, Be Honorable, Be There, and Be Prepared. A further explanation of classroom rules and expectations follows in the code of conduct.

Course Materials:

You will be assigned a laptop. You must use the same laptop every day. If the laptop is damaged or inappropriate software is installed per the Acceptable Use of the Internet section of the Code of Conduct you will be held responsible.

Course Text & Readings:

A+ IT Support, 10th Edition, Lab Manual and Mindtap

Assessments:

- Tests
- Lab Exercises
- Class Work
- Hands On work
- Participation

Grading Policy & Procedures:

Grading Scale

A= 93-100 B= 92-82 C= 81-70 D= 69-60 F= below 60

* Grades will not be weighted

Academic Dishonesty

I will not condone any form of academic dishonesty. Any act of improperly representing another person's work as one's own (or allowing someone else to represent your work as their own) is construed as an act of academic dishonesty as per the code of conduct. These acts include but are not limited to, plagiarism in any form or use of information and materials not authorized by the instructor during an examination or for any assignment. Do not copy and paste from the Internet during your writing prompts or research papers. If any of the above mentioned occurs the following will result:

- A zero on the work involved.
- A phone call home to parent/guardian.
- A discipline log being sent to the office.

Test/ Quizzes

Tests will be given at the end of each chapter. Tests will consist of true/false, multiple-choice, matching, completion, and 1 short answer question. Some chapters will involve hands-on components. Quizzes will be given throughout the chapter to reinforce learning. If you miss a test, you have three days to make it up or you will receive a zero.

Course Units:

The following concepts will be covered during this class.

- **Introducing Hardware**
- **Introducing Operating Systems**
- **PC Repair Fundamentals**
- **Motherboards/Power Supplies**
- **CPU's and Chipsets**
- **Hard Drives**
- **I/O Devices**
- **Customer Needs**
- **Security Strategies**
- **Notebooks**

- **Mobile Devices**
- **Supporting Printers**