**Introduction to Hardware Technology (IHT)**

**Instructor:** Ms. Lydia Prince **Room:** 504 **Email:** princly@boe.richmond.k12.ga.us
**Availability (Office Hours):** Mon. -Wed. 3:15 PM - 3:50 PM by appointment
**Remind Code:** Send a text to 81010 and enter code

2nd period: @g2f82hh  | 7th period: @hgaah8

### **Course Description**

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| *Introduction to Hardware Technology* is the foundational course in Georgia’s Cybersecurity pathway. This course introduces students to the essential concepts and skills needed to understand and support computer hardware systems. Students will explore:* The fundamentals of computer hardware and software
* Basic networking and cybersecurity principles
* IT support and troubleshooting techniques
* Preventive maintenance and repair
* Customer service and professional communication in a technical environment

Through hands-on labs and project-based learning, students will develop problem-solving skills, ethical decision-making, and employability traits aligned with industry standards. This course lays the groundwork for advanced study in cybersecurity and related IT fields. | **Unit 1: Introduction to IT & Safety****Unit 2: Computer Hardware Basics****Unit 3: Internal Components & Functions****Unit 4: Ports, Peripherals, and****Unit 5: Maintenance, Upgrades & Troubleshooting****Unit 6: System Software & Operating Systems****Unit 7: Introduction to Networking****Unit 8: Cybersecurity Foundations****Unit 9: IT Support & Communication Skills****Unit 10: Final Projects & Career Exploration** |

### **Required Materials (Supplies)**

* Notebook or binder
* Writing utensils (pens, pencils, highlighters)
* Flash Drive (16GB – 64GB)
* School-issued device or Chromebook
* Canvas (online platform)

**Grading Policy** :All work will be tracked through Infinite Campus, and parents are encouraged to monitor progress regularly.

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| **Major Grades (40%)** – Tests, Projects**Minor Grades (60%)** – Quizzes, Labs, Classwork, Homework | **Grade Scale:**A: 100–90B: 89–80C: 79–75D: 74–70F: 69 and below |
| **Classroom Expectations** | **Best Practices for Success** |
| * Be prepared, on time, and respectful
* Participate in class and team activities
* Engage in daily assignments and challenges
* Use online tools responsibly
* Clean up and shut down computers before leaving
 | * Review Promethean board content and online study guides
* Collaborate and review assignments before submitting
* Be proactive—ask questions, stay organized, take initiative
* Inform the teacher if you lack home tech access
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**Policies**

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| Bathroom: One student at a time with the purple hall pass. | Food/Drink: Allowed only at the designated classroom table. |
| Late Work: After 5 days = 50% and marked incompleteAll work must be completed by end of semester | Academic Honesty:Cheating results in a zero and office referral. This includes:Copying or sharing answersTurning in someone else’s work |
| Tardiness: Must have a tardy pass. | Messages: Students must check Canvas and Remind regularly. |

**Classroom Contract**

I have read and understood the syllabus and agree to follow the rules and expectations outlined.

StudentSignature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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