**Introduction to Hardware Technology (IHT)**

**Instructor:** Ms. Lydia Prince **Room:** 504 **Email:** [princly@boe.richmond.k12.ga.us](mailto: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: 100–90  B: 89–80  C: 79–75  D: 74–70  F: 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 |

**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 incomplete  All work must be completed by end of semester | Academic Honesty: Cheating results in a zero and office referral. This includes:  Copying or sharing answers  Turning 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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
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