hi **WELCOME**

Email: rhudnut@henry.k12.ga.us
Website: https://schoolwires.henry.k12.ga.us/Page/129426

CSP
COMPUTER SCIENCE PRINCIPLES

You don't manage people; you manage things. You lead people. " ~ ADMIRAL GRACE HOPPER

COURSE DESCRIPTION

Computer Science (CS) Principles is an intellectually rich and engaging course that is focused on building a solid understanding and foundation in computer science. This course emphasizes the content, practices, thinking and skills central to the discipline of computer science. Through both its content and pedagogy, this course aims to appeal to a broad audience. The focus of this course will fall into these computational thinking practices: connecting computing, developing computational artifacts, abstracting, analyzing problems and artifacts, communicating, and collaborating. Various forms of technologies will be used to expose students to resources and application of computer science. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Computer Science Principles is the second course in the pathways Programming and Computer Science in the Information Technology Cluster. Students enrolled in this course should have successfully completed Introduction to Digital Technology. Prerequisites: Introduction to Digital Technology is the prerequisite for this course.

COURSE OUTLINE/TOPICS

- Employability skills
- Digital Information
- The Internet
- Intro to App Design
- Variables, Conditionals, and Functions
- Lists, Loops, and Traversals
- Algorithms
- Parameters, Return, and Libraries
- Data Analysis
- Cybersecurity & Global Impacts
- Future Business Leaders of America
- Create Performance Task

EXPECTATIONS

All students must adhere to the rules and expectations outlined in the Henry County Schools student handbook and the Ola High School student handbook addendum. Behavior detrimental to learning will not be tolerated. This includes outbursts in class, inappropriate comments toward anyone, or any behavior, which the instructor deems as inappropriate. Please review both the Classroom Rules Handout, as well as the Code of Ethics Handout.
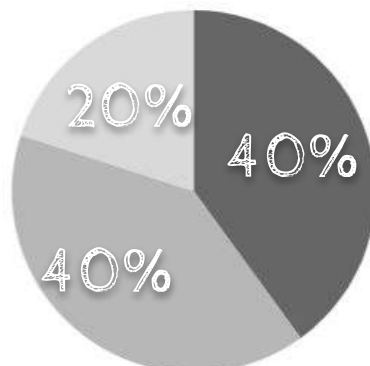
SPECIAL PROJECT

Students in this class will be taking part in the Mock Interviews/ Career Unit.

GRADES

Major Projects/Test 40%

Quiz/Daily Work 40%

Exam 20%

20% 40% 40%

CLASS MATERIALS

- Folder (3 prong or pocket)
- Pen/Pencils
- Headphones for CPU
- Flash Drive (>1 gb)
- Access to professional dress for Mock Interview

ABSENCES & MAKE-UP POLICY

Students are allowed to make up work for excused absences only, and it is their responsibility to get make-up work the first day they return. Don't assume you will have class time to make up your work! You may need to make arrangements with me to stay before/after school. Assignments missed due to unexcused absences will result in a Missing mark(0). Any student receiving out of school suspension (OSS) will have the same number of days they were assigned to make up their missed work from being out due to their suspension. Those days will start the day they return from their suspension. The only difference is if a student was assigned two days of OSS, they will have three days to complete the work.   NO EXCEPTIONS, unless a disciplinary hearing is pending.

** After two weeks, work will not be accepted! Please be ready to expect penalties on all late work!

ON TIME POLICY

In order to be considered "on time" to class, the student must be across the threshold of the classroom or designated classroom area by end of the last bell.

REMOTE LEARNING

Students participating in remote learning are expected to actively participate in daily instruction and follow all guidance provided by HCS, OHS, the classroom teacher, and this syllabus. This includes, but is not limited to, grading policies, attendance, and preparation for class.

CHROMEBOOK POLICY

It is an expectation for students to have their *charged* Chromebook with them every day. We will use the Chromebook as a backup if our desktop computer has an issue. Failure to do so will be regarded as "not being prepared for class." Students are expected to follow all Henry County handbook rules concerning technology.

UNIT RECOVERY

Due to the nature of this course and the performance-based content of the assignments, we do not have a unit repair plan. However, most assignments will have checkpoints to help make students aware of deadlines, monitor their progress, and manage their time on assignments

CELL PHONE/ELECTRONIC DEVICE POLICY

The cell phone/electronic device policy begins when students enter the designated classroom area. All students will place their cell phone/device in the teacher assigned caddy. During this time, the cell phone must be on silent mode. Additionally, all smart watches or other electronic devices connected to the phone must also be caddied until the end of class.   The cell phone/device will remain caddied until the end of class. Students will NOT be allowed to take their phone/device out of the room when they have a hall pass to the restroom, media center, etc. Students will be allowed to use cell phones/devices before first period, during lunch and during class transition.

INTERNET USAGE

In order to enhance student learning, students will use the Internet almost daily as a resource tool for this class. While in a business lab, students will comply with all Henry County Schools guidelines. Failure to follow county mandated guidelines will result in punishment that ranges from loss of privileges to an administrative referral. All students and parents are required to sign the Code of Ethics prior to a student using the Internet. **Students should not play "games" or watch "videos" online or try to attempt to get on any form of social media site(s). If you attempt this, please be prepared to pay the consequences!**

COMMUNICATION WITH THE TEACHER

If you have academic or behavior concerns/questions regarding your student, please contact Mr. Hudnut at rhudnut@henry.k12.ga.us
The best way to get in touch with Mr. Hudnut(and the quickest way to get a response) is through email. You can additionally reach me through Google Classroom.

EXPECTATIONS FOR ACADEMIC SUCCESS

1. Complete daily classwork assignments
2. Participate in class discussions and ask questions
3. Participate constructively as a team member
4. Problem solve and accept challenges
5. Challenge yourself to continuously improve
6. Check your grades on Infinite Campus (daily)
7. Keep on top of work missed from absence

PLEASE "SIGN"

Please click on the following link to "sign" this syllabus! Thank you so much.
~ Mr. Hudnut

Parental Signature Form