



WEST HARPETH CHRISTIAN TUTORIAL

High School Computer Science



Tutor:

Mrs. Monika Lambert
mlambert@westharpeth.org

Prerequisites:

- This course is open 9th - 12th grade students.



Course Description

Students will have the opportunity to advance their understanding of computer concepts and operations, including but not limited to basic coding, design skills, and file management.

Internet research skills and the ethical use policy will be reviewed.

Some of the projects will include advanced document creation and formatting, resume building, computer programming and video game coding, website design, interactive templates, graphic design of a board game, advanced floor plan/house design, as well as future technological careers.

*Beginning at the start of the 2024-25 school year, every high schooler must have access to CS education that will include one high school credit of CS. Starting with the freshman cohort of the 2024- 25 school year, each student must take at least one course in CS education as a graduation requirement provided by an educator with a CS Endorsement. This course meets that requirement, compatible with Computer Science Foundations (C10H11), Coding I (C10H14), Coding II (C10H15), and AP Computer Science Principles (G02H44).

Books & Supplies

- Course Online Resources: (No Purchase Needed)
 - Kira-learning
 - Code HS
 - Google Workspace
 - Planner 5D
 - Applied Digital Skills
 - Canva
- Laptop required in-class
 - Mac/PC/Chromebook allowed
- headphones
- paper notebook

Commitment

- This course meets on Tuesdays.
- Homework time will be based on how much work each student has remaining from what was not completed during class.
- Some typing lessons will be assigned throughout the year for additional skill practice.
- Students will mostly complete their projects using class time; however, if not finished in the allotted class time, students must complete at home.
- Students will be sharing their work with Mrs. Lambert via Google Share with Drive.
- Each project assignment will be given sectional due dates when certain parts or checkpoints of a project must be completed.
- See Mrs. Lambert for specific homework due date requirements.
- It is very important to check Schoology for homework deadlines. This is the student's responsibility, not the parents'.

A typical class will look like...

Introductions to new lessons will take up the first 15-20 minutes of class, depending on the subject. The majority of the class will be spent on project completion and individual Q&A sessions.