

Course Overview:

This course covers the IB Computer Science SL curriculum, expanding on the skills and knowledge developed in the IB/AP Computer Science course. Students are expected to sit for the IB CS SL examinations in May.

Course Requirements and Grades:

Grades are based on a combination of test scores, projects, reports and computer programs. It is essential that students take complete notes in class. Students who are absent are expected to get all notes from other students. All assignments will be posted to Office365 Teams, and students will submit their work at the same site. This course is run a college course in that students are responsible for their own learning. A major component of the overall grade is the development and completion of the IB Internal Assessment (IA). Students will need to spend significant amounts of time outside of the class on their IA. IB requires one **IB Group 4 Project** for each student, not one per course. If you have not completed a Group 4 Project and are not completing one this year in an IB science course, then you will be assigned one for this course.

Supplies Needed

Students will need a loose-leaf binder and paper, pens or pencils, and a mechanism to transfer work between school and home. Office365 OneDrive or a USB drive may be used, but the method chosen should be dependable so that class time can be used effectively. If a home computer is not available, please contact me to make arrangements to access school computers outside of class hours.

Internet and Computer Use Policies

All Commack District policies related to computer use are applicable. Students are expected to be responsible computer users. They may not access unapproved Internet sites or games on his or her computer at any time in class. Students may only access programs required for coursework. **Any student found inappropriately using their computer will be disciplined. Depending on the nature of the infraction they may be taken off the computer for a day or more or, in very serious cases, they may be withdrawn from the class.**

Part of becoming a computer scientist entails working with peers in some capacity. I encourage students to work together to simulate that real-world experience. The advantages of this: Preparation for college and work environments, improved learning of how to interpret the code of others, practice with good programming style, and reduced the time spent being stuck and debugging code. The main disadvantage of working with others can be the temptation to breach a code of ethics. **Under no circumstances should a student present anyone else's work as one's own. Penalties for academic dishonesty are documented in the Student Bulletin. Please note that I take computer ethics extremely seriously.**

Extra Help

I will be available for extra help every Tuesday 2:30 – 3:30 in **room 248**. I also will be available for extra help at other times by appointment. We both want you to be successful, so you must ask for help should you feel lost along the way.