

Computer Science I Honors

Local Course #: 82301

State Course ID: 3580200

Course Description:

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. This course's purpose is to continue to AP Computer Science and prepare for the AP exam. This course may count as a LOTE credit.

Link to TEKS:

https://texas-sos.appianportalsgov.com/rules-and-meetings?locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F06%2F2025&recordId=225633

First 9 Weeks Major Topics:

Introduction to Java Basics, Variables & Data Types

Second 9 Weeks Major Topics:

Debugging & Using Class Methods, Using Object Methods, Introduction to String Class Methods

Third 9 Weeks Major Topics:

Control Structures

Fourth 9 Weeks Major Topics:

Writing Classes