

Calallen ISD 2025-2026
Syllabus - PAC Computer Science 1

Campus: Calallen High School

Course and/or Grade Level: PAC Computer Science 1

Course Description: Computer Science is an introduction to the automated processing of information, including computer programming. This course gives students the conceptual background necessary to understand and construct programs, including the ability to specify computations, understand evaluation models, and utilize major constructs such as functions and procedures, data storage, conditionals, recursion and looping. At the end of this course, students should be able to read and write small programs in the language of Java in response to a given problem or scenario, preparing them to continue on to Computer Science II or AP Computer Science.

Semester 1: August 13 – December 19, 2025

1st Quarter Topics	2nd Quarter Topics
• Computing Concepts • Object-Oriented Programming • Datatypes and Variables • Math in Programming	• Objects • Strings • Logic and Decision-Making

Semester 2: January 5 – May 29, 2026

3rd Quarter Topics	4th Quarter Topics
• Iteration • Java Classes • Java Methods	• 1D Arrays • File Access • Recursion

**Minor adjustment to the schedule may be made based on campus schedules and student needs.*