

## CFISD Computer Science Principles AP Scope and Sequence

Course Description:

The AP Computer Science Principles course will introduce you to the essential ideas of computer science and show how computing and technology can influence the world around you. Students will creatively address real-world issues and concerns while using the same processes and tools as artists, writers, computer scientists, and engineers to bring ideas to life. (1 credit)

- Grades 9 – 12
- Required prerequisite: Algebra I
- Recommended to be taken prior to or concurrent with Computer Science II K
- May not be taken post Computer Science III
- Lab supplies or fees may be required

[TEKS](#)

[AP Computer Science Course and Exam Description](#)

Program of Study: Programming & Software Development

Cluster: STEM / Information Technology

Endorsement: STEM / Business & Industry

- Meets advanced course requirement (Y/N): N
- Meets foundation requirement for math, science, fine arts, English, LOTE (Y/N-area): Y - LOTE

Industry Certification/Credentials: n/a

**Potential College Credit via AP Exam**

Instructional Units	Pacing
Creative Development Data Algorithms and Programming	1 <sup>st</sup> Semester
Creative Development Impact of Computing Data Computer Systems & Networks	2 <sup>nd</sup> Semester

Primary Instructional Materials: Python and Scratch