



**SAINT  
JOSEPH  
PREP**

Mr. Darol Ware

*Director of Educational Technology*

[darol.ware@saintjosephprep.org](mailto:darol.ware@saintjosephprep.org)

617-254-8383 x1554

## **AP Computer Science Principles**

*Grade 11/12*

### **Description**

AP Computer Science Principles (AP CSP) is a full-year, rigorous course that introduces students to the foundational concepts of computer science and explores the impact computing and technology have on our society. The course covers a broad range of foundational topics including: programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing.

### **Programming Requirements**

The coding languages Scratch and Processing are both used in this course. Scratch is a free block-based programming environment that is accessible enough for beginners, yet can support the development of advanced algorithms used in more complex games and applications. Processing is a text-based language with syntax similar to Java; it also uses a free widely available programming environment.