

What Computer Science courses will be offered in Fall 2020?

1. Intro to JavaScript:

This course is planned to start in the Fall of 2020 and will be a full year course. JavaScript is the third programming language for websites and is the language that makes websites fully interactive with buttons, drop down menus, timers and animations. JavaScript is an essential part of web applications.

2. Intro to Computer Science:

A prerequisite course to many of the other computer science courses, this covers computing fundamentals, key applications and the online features of social networking. It is part of the IC3 certification series of 3 exams for each of the units. The course is being offered again in the Fall of 2020 for a full year and the opportunity to sit for the certification exam is available if the student maintains a 70-grade point average and submits all assignments. If the 3 portions of the certification exams are passed, the student will earn an IC3 certification. This validates to potential employers that the certification holder possess the computer skills necessary in today's world, as measured by an objective industry standard program.

3. AP Computer Science Principles:

This course is equivalent to a first year college computer science course. Students work with data and information, collaborate to solve problems, and develop compute programs, exploring creativity, abstraction, data and information, algorithms, programming, the internet and the global impact of computing. The course will help prepare students to sit for the Computer Science Principles exam.

4. Unity:

This is a one-year course devoted to learning how to program using the Unity language. The Unity 3D real time development platform was originally released in 2005 as a cross-platform game engine. But today it is used in the automotive, transportation, and manufacturing industries, film, animation and cinematics, and architecture, engineering and construction fields! You can learn how to use Unity to create interactive products and experiences in 2D, 3D, AR (Augmented Reality) and VR (Virtual Reality). This course will help you prepare to sit for the Unity Certified User certification exam. This certification will help position you for college or a career using Unity technology!