

# Computer Science & Information Technology



*Career & Technical Education Class* [www.graniteschools.org/cte](http://www.graniteschools.org/cte)

## Program Overview:

- Information technology programs include the study, design, development, implementation, support and/or management of computer hardware, software applications, cyber security, computer-based information systems, and integration services.
- Information technology coursework is divided into specialty strands. These include: Cyber Security, IT Systems, Programming & Software Development, and Web Development.
- Students may choose to take a sequence of courses in one specialization strand or they may take courses across each strand to gain a broader understanding of the information technology industry.

## Course Offerings:

- Augmented Reality - Virtual Reality (AR-VR)
- Cloud Computing 1
- Computer Systems 1
- Computer Systems 2  
(1 & 2 > A+ Certification)
- Computer Programming 1\*
- Computer Programming 2\*\*
- Computer Science Principles
- Exploring Computer Science (ECS)
- Gaming Development 1 & 2
- Intro to Info Tech
- Linux Fundamentals  
(Linux+ Certification)
- Networking Fundamentals  
(Network+ Certification)
- Principles of Cyber Defense  
(Security+ Certification)
- Web Development 1 & 2



\*May be taken to fulfill a third Math credit requirement.

\*\*May be taken to fulfill a third Science credit requirement.

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