

## Course Curriculum

This small learning community is designed to provide a cohort of students with a four-year educational experience that will develop skills that are needed in high demand 21st century careers. Coursework is rooted in the Math, Science, Technology, and Business/Computer departments. The Academy of Information Technology will introduce students to the ever-expanding digital workplace and to the career opportunities offered in programming, database administration, web design, digital media, and digital media technology and production. In the third and fourth years of the program, students may elect to take courses that lead them on a more refined path toward computer programming careers or those in the digital media communications field. A state-of-the-art digital media production studio housed in the high school will enhance the instructional experience.

### Academy Courses

Academy students will be cohorted in the following courses:

#### Grade 9<sup>th</sup>

Introduction to Digital Technology

#### Grade 10<sup>th</sup>

Computer Science Principle

Digital Media and Communications

#### Grade 11<sup>th</sup>

Programming Apps & Game Design

Digital Design

#### Grade 12<sup>th</sup>

AP Computer Science

Dual Enrollment or Internship