

2020-2021 Senior Computer Education Electives

Seniors have the opportunity to take a computer elective during their senior year. **Three different electives** will be offered. Each course is a half-credit course offered every other day. The three courses will be **Computer Science**, **Advanced Computer Applications**, and **Digital Media**.

1) Computer Science

The Computer Science elective will provide an understanding of computer operating systems, hardware (functions, troubleshooting, and maintenance), and the basic background knowledge of coding and computer programming. Students will learn the computer language Python and will work on individual programming projects throughout the year. Other programming languages may be introduced later in the year as time and coursework allow.

This course is recommended for students serious about studying computer science, computer engineering, information technology, and computer programming. Prior knowledge and experience with computer programming languages are not required.

2) Advanced Computer Applications

The Advanced Computer Applications course will provide a general overview of technology and computer applications including their advanced uses in academic and professional environments. Students will leave this class with a basic knowledge of Microsoft Office/Google Apps, a completed professional resume to be used for college internships and a college toolkit to assist them with research papers in future education. Students will also learn how to take advantage of everyday technology in order to succeed in college and future careers.

This course is recommended for students who would like to grow in proficiency and experience using common applications in everyday use.

3) Digital Media

The Digital Media elective will provide an understanding of digital media applications. Students will use the Adobe Creative Suite of products, including Adobe Photoshop, Adobe Illustrator, and Adobe InDesign. Students will develop creative media skills in these applications in order to create digital and print media. Work will be project-based throughout the year.

This course is recommended for students serious about basic digital design, print production, digital layouts, and graphics development.

Students interested in either elective should submit this form to Mr. Conrade's office by

Friday, May 1, 2020.

Name: _____

Homeroom: _____

_____ I would like to sign up for the **Computer Science** elective.

_____ I would like to sign up for the **Advanced Computer Applications** elective.

_____ I would like to sign up for the **Digital Media** elective.