

Computer Science (631)**Grade 9****CPI**

This is a required course for all freshmen. In this class students will review the basic components of the computer. The main area of study will be an introduction into the following software programs: Word Processor, Spreadsheets, Databases and Presentations. This is a pass/fail course.

Office Technology (644)**Grade 11 & 12****CPI**

It is a course designed to teach students more advanced techniques in the following software programs: Microsoft Word, Excel and Power Point. Students will be required to complete various projects in each area of study that requires a working knowledge of the information being taught and will constitute a major portion of their grade.

Desktop Publishing (645)**Grades 11 & 12****CPI**

This is a course designed to teach students the following software programs: Adobe Illustrator, Photoshop, In Design, Go Live, and Acrobat 7. Students will be required to complete various projects in each area of study that requires a working knowledge of the information being taught and will constitute a major portion of their grade.

AP Computer Science (646)**Grades 11 & 12****AP****Prerequisite: Department approval**

This college level course emphasizes the design issues that make programs understandable, adaptable, and, when appropriate, reusable. Other areas of study will include the development and analysis of algorithms, data structures and standard algorithms and typical applications. This course is intended to serve as an introductory course for people wishing to pursue a degree in computer science and as a course for people who will major in other disciplines that require significant involvement with technology. The course prepares the students to take the AP Computer Science A exam.