

Program Description

Overview of Program

INFORMATION TECHNOLOGY PROGRAM

The Information Technology program is designed to prepare students for employment related to the information technology industry. The program options are Web Page Design or Software Development (Programming). Students must enroll in year-long classes within the same option of this program to be considered as a prospective program concentrator. See recommended course sequence for specific course names.

Courses required to complete the program

INFORMATION TECHNOLOGY FUNDAMENTALS

Course Description: Students will use a variety of multimedia software to complete projects and tasks. The key elements of multimedia (graphics, sound, animation, video, etc) will be covered. The common core standards for each of the two options will be covered in this class and will be incorporated into the multimedia projects. Students who successfully complete this course will choose one of the 2 program options to continue their program.

NOTE: This class is the prerequisite for ANY option in the Information Technology Program.

- Web Design
- Software Development

Scope and Sequence

Recommended Electives 9th Grade	Recommended Electives 10th Grade	Recommended Electives 11th Grade	Recommended Electives 12th Grade
Software Development Option			
Word Processing Career Exploration	Information Technology Fundamentals (2 semesters)	Beginning Programming (2 semesters)	Advanced Programming (2 semesters) <i>or</i> Advanced Placement Programming (2 semesters) <i>or</i> Internship (2 semesters)
Web Design Option			
Word Processing Career Exploration	Information Technology Fundamentals (2 semesters)	Beginning Web Publishing (2 semesters)	Advanced Web Publishing (2 semesters) <i>or</i> Internship (2 semesters)