

St. Augustine High School
Mr. Duarte
Computer Programming
Syllabus-Spring Semester

Course: Computer Programming

Teacher: Mr. Troy Duarte

Text: Microsoft Visual Basic.NET: Step By Step, Michael Halverson

Microsoft Office; Core Certification; Nita Rutkosky

Materials: Spiral Notebook, pocket folder, USB Flash Drive (256 MB or more).

As seen advertised:

[SimpleTech 256MB USB Flash Drive](#)

\$9.99

Student Objectives: This course focuses on effective computer programming for the business world. It provides the student with an understanding and appreciation of the fundamental principles and concepts of computer programming. This course is designed to make the student aware of the impact that computer programming and applications have in business and managerial processes. Throughout the course, students will work on spreadsheets and databases and learn how to implement these in the business world.

Students are expected to master the following:

Microsoft Excel

Microsoft Access

Microsoft Visual Basic.Net

Final Project:

A portion of your final will be an essay. You will do a 3 page research paper along with a power point presentation. The topic of your research paper is Microsoft. Your paper must be MLA format. (This includes quotes and works cited.) All essays will be verified for plagiarism.

Schedule

Week 01- Introduction

Week 02- Programming History

Week 03- Programming History

Week 04- Microsoft Excel: Preparing and formatting a worksheet

- Preparing a worksheet

Week 05- Microsoft Excel: Preparing and formatting a worksheet

- Editing data

Week 06- Microsoft Excel: Preparing and formatting a worksheet

- Formatting an Excel worksheet

Week 07- Microsoft Access: Creating Tables, Queries, and Filters

- Creating a Database Table

Week 08- Microsoft Access: Creating Tables, Queries, and Filters

- Creating Relationships between database tables

Week 09- Microsoft Access: Creating Tables, Queries, and Filters

- Creating a table using a wizard