

This course serves as an introductory course in computer programming using Visual Basic Express 2010 that should prepare students to take further programming courses in high school, university, or community college and to make an informed career choice in this area. Students will also be introduced to the MVHS MakerSpace, which will have a variety of technologies that can be used to develop their final projects. Students will learn to create simple Windows programs.

Topics to Be Covered

Careers in Computer Science	Flow Chart
Programming Languages	Variables
Computer System Components	Data Types
Input/output Devices	Conditional Statements
Computer Processor	Writing Expressions
High Level Programming Languages	Debugging
Memory	Looping
System Software	IF Statements
Application Software	CASE Structures
Documentation	Arrays
Visual Basic Interface	Multiple Forms
	Animated Objects
	Sound

EVALUATION

Quizzes
 Assignments
 Tech Points
 Minor Projects
 Final Project

Final Mark

Quizzes/Assignments/Minor Project/Tech Points.....	75%
Final Project.....	25%