

**AP Computer Science A
Course Requirements**

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Class Prerequisite

Computer Science 1 or 2, Visual Basic, Visual Studio, Internet/Html, or Robotics. All these classes introduce you to the basic programming structures you will need to be successful in this class.

Course Content

Basic Programming Constructs:

loops, conditional statements, collections, class definitions, string manipulations, variable declarations and definitions

Object-oriented programming concepts and development process:

Encapsulation, class properties, inheritance, interfaces, polymorphism, association, unit testing

Student Learning Objectives

- 1) The student will master all of the topics listed above with a C or better.
- 2) The student is expected to act responsibly regarding attendance, punctuality, participation, class preparation, effort, and courtesy.

Attendance

Tardy:

Students not properly seated and ready to begin class at the scheduled time will be marked tardy. A tardy will be dealt with in accordance with the Monte Vista High School Policy as follows:

3rd Tardy: Discipline Notice sent to Vice Principal

4th Tardy: Referral for Saturday School

5th Tardy: Referral for Saturday School and Tardy Contract

6th Tardy: Parent conference and a one-day suspension

Absences:

If an absence is excused, it is the student's responsibility to turn in assignments missed within three days of the absence. Any homework, class work, test or quiz due, assigned, or given on the day of an unexcused absence (cut, illegal, etc.) will be scored a zero.

Field Trip Policy:

It is the student's responsibility to get assignments prior to the day of the field trip. All work must be turned in upon returning to class.

Pre-Informed Absence:

School and district policy must be followed in this instance. A duplicate of all homework is submitted to me.

Discipline Policy

My discipline policy is simple. If you interrupt me or another classmate I will give you one verbal warning. You interrupt again; I will ask you to step outside while we finish the lesson. If I ask you to leave the class again, I will call your parent/guardian to set up a meeting to see what we can do to keep you focused in class.

Grade Information: Grades are based on total points – no weighting occurs

Programming Projects, Homework and Class work (~ 20% of grade):

Homework is assigned daily based on material covered in class or as part of a larger programming project. Homework is worth three points; Programming Projects points vary depending on the complexity of the project. Late work is accepted on a limited basis, meaning you must inform me when you have not done your homework and would like an extra day.

Tests (~ 100 points each; 200 point final - approx. 70% of grade):

All tests are announced in advance. If a test is missed because of an absence, a make-up will be given at an agreed upon date. It is the student's responsibility to make-up the test. In accordance with district policy, spelling and punctuation will be taken into account.

Quizzes (~25 points each - approx. 10% of your grade):

The purpose of a quiz is to assess with minimum penalty how your skills and knowledge are progressing in the unit. Quizzes will usually be announced ahead of time. No make-up quizzes are given. If a quiz is missed due to an excused absence, the student will receive a score proportionate to their score on the unit test covering the same material.

Quiz corrections are due the day after you receive your scored exam and result in half the points being earned back. (e.g. If you miss ten points on the original quiz and do corrections you will only miss five points.)

Grading Scale

Grade	Range	
	Upper	Lower
A	100	90
B	89	80
C	79	68
D	67	58
F	57	0

Cheating

Don't cheat on anything. An automatic "F" is assigned and you may be removed from the class with a semester "F" and loss of credit.

Office Hours and Contact Information

Please feel free to set up appointments or arrange for extra help from me. I am here before and after school as well as during lunch and brunch. The best way to contact me is by e-mailing me at smorris@mvhigh.net.

Signature

I have read everything and will email or call Mr. Morris if I have any questions.

Parent Signature

Date

Student Signature

Date