

Bishop Shanahan High School  
220 Woodbine Road  
Downingtown, PA 19335  
(610) 518-1300

Honors Computer Programming

Mr. Cunningham

Computer Science involves the understanding of programming language concepts and how these are applied to problem solving. The enormous growth of programming languages requires an ever-changing curriculum while the diverse student population requires flexibility in the pace of instruction. Computer Science courses cover problem solving, computer architecture, and programming concepts. This knowledge helps students understand how software is written which increases the student's ability to learn application software through understanding of the basic concepts and cover advanced programming concepts, which are useful in the preparation of various certification examinations. Students will be able to solve significant problems related to a variety of applications by designing and implementing appropriate programming solutions. Skills will be developed in the selection of appropriate data structures, which allow efficient storage and manipulation of data.

Classroom

1. Classroom participation is expected and required.
2. Demerits, detention and loss of points on final grade will be issued for disruptive, disrespectful or other forms of defiant behavior.
3. Disrespect will not be accepted in the class for me or fellow students.

Attendance

1. Students are responsible to make up all work missed when absent including class assignments, quizzes or tests.
2. If the student is absent for a test, they will be required to take a make up test upon their return to school.

3. If because of a serious illness or other problems require a student to miss an extended period of time, please contact me as soon as possible so the necessary arrangements can be made.

### Assignments

1. We work primarily on in class assignments which are assigned daily.
2. All assignments are to be completed in a timely manner. It will be marked and is a % of their grade.
3. Most of the work done in class will be in more of a project form and some will be done individually and some to be worked on in a group setting.

### Tests

1. The test will be in the form of creating a program to be completed during the specified length of time and will be graded on its content.

### Grades

- |                        |      |
|------------------------|------|
| 1. Tests/Projects      | 60 % |
| 2. Assignments         | 30 % |
| 3. Class Participation | 10 % |

**Cheating** will not be tolerated in any form. Suspected cheating or “helping” on assignments, unless otherwise discussed will result in a serious grade deduction in the assignment involved. Cheating will also result in serious disciplinary action as stated in the student’s agenda book. Students will receive a “0” and demerits.

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(Please sign and return by Wednesday September 12, 2007)

Student’s Name \_\_\_\_\_

Parent/Guardian \_\_\_\_\_