

George Washington High School

Name: Miles Robertson
Per.: 6 Date: 8-23-16

Mr. McHugh **AP Computer Science Info-Worksheet**

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Goals for this class: To pass the course with a C or better. To prepare for the AP exam, to gain knowledge and skill in software programming, to use Java programming language for solving problems.

Primary Textbook: No textbook, but we will use Stacey Armstrong's AP Plus curriculum as well as other resources and software practice tools available online, and handouts.

MATERIALS: A three-ring binder for all class work. A pencil, paper and access to the internet.

HOMEWORK: Is assigned to reinforce concepts and skills learned in class and is due the following day unless stated otherwise. It is evaluated as: acceptable (5 points) or not (<5 points). Daily warm ups count for one point. Class work is practice with new concepts during class. Homework and class work will count for 20 % of the six-week grade.

One missing homework assignment per six-weeks will be dropped.

Programs: will be assigned and must be running without errors and with the correct output for full credit. Programs turned in on time or before the due date will receive full credit while programs that are turned in late or are not running will receive 75% credit.

ASSESSMENT: An exam will be given at least once every six weeks. Quizzes are given approximately every week to two weeks. Tests will count for 50 % of the six-week grade and quizzes 10 %. Students may use a calculator and their notecard. *If a student fails an exam, they may come in at teacher's discretion to revise their test by reworking some assigned problems for half credit. They may bring their test score up to a C.*

MAKE UP POLICY: Tests or quizzes missed because of an excused absence or school related absence may be made up for credit. It is the student's job to make up missed tests or quizzes. If the test or quiz is not made up the student will receive a 0.

Homework must be made up within one week of due date and will be worth 4 points or 80% of original value if it is complete.

GRADING CALCULATIONS:

Grade calculation will be cumulative for each semester. Also each semester will have weighted categories with the following percentages for each category: test 50 %, quiz 10%, and homework/classwork 20% and programs 20%.

Students are responsible for keeping graded exams, quizzes and homework and in their binder as a record of work completed, and for a grade on the notebook. Programs should be backed up on a cloud app.

CLASSROOM EXPECTATIONS:

- 1) Stay in your seat until the bell rings.
- 2) No eating in class.
- 3) Be to class on time.
- 4) Use hand signal to show readiness.
- 5) Do not leave class without permission.
- 6) Do not be disrespectful.
- 7) Please put your phones away.

Respect yourself – Respect your teacher – Respect the Classroom

If a student interferes with the educational process, appropriate consequences will follow.

We will cover: material similar to an introductory course in computer science that is comparable to a first year college course. The main theme is problem solving where the potential solutions to these problems are written in the Java programming language. Java has been selected because it is a modern high-level language and because it supports object-oriented programming. Major topics covered in the course are: Program and Class Design; Program Implementation; Analysis, Testing and Debugging of Programs; Types of Data Structures; and Standard Algorithms.

TUTORING: I am available Wed. and Thur. from 2:30 – 3:15.

TARDIES: A student must have a pass to enter late. Students are tardy for the first 10 minutes, if they come later without a pass they are counted absent.

ATTENDANCE: When a student has been absent the G.W. attendance policy states that you must have a note from your parent or guardian within two days to excuse the absence. **NO MAKE UP WORK WILL BE GIVEN FOR AN UNEXCUSED ABSENCE. See separate GW attendance policy.**

Additional Info for AP Computer Science:

There are three Colorado Legacy Grant supported study sessions on Saturday mornings (approximately 8:00 to 1:00) . These sessions are February 11, March 18 and April 29, 2017. Location yet to be determined.

Also there is a Mock AP exam that students are expected to sit for during the window of March 6 to April 5, 2017

The Computer Science AP exam is scheduled for April 7, 2017.