AP COMPUTER SCIENCE PRINCIPLES   Mr. LaChance
REQUIREMENTS AND   Tel. #: (860) 228-9474, ext. 3965
GRADING RATIONALE   E-mail: gregory.lachance@rhamschools.org
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Introduction: AP Computer Science Principles is equivalent to a first-semester college computing course. Students will develop computational thinking skills vital for success across all disciplines. They will use tools to analyze and study data and work with large data sets to analyze, visualize, and draw conclusions from trends. The course uses a project based format focusing on student creativity. Students are encouraged to apply creative processes when developing computational solutions and while using computer software and other technology to explore questions that interest them. Students will build socially useful mobile apps using the visual programming language MIT App Inventor. In this way, student learning will be associated closely with their interests and grounded in their schools, their homes, and their communities. Students who are enrolled this course will be expected to take the AP exam. They will also have the option to obtain credit through Capital Community College instead of using AP credit.

As a student in Mr. LaChance's class, you are expected to follow these requirements:
- Arrive to class on time. There will be consequences for tardiness, per school policy.
- Sit in your assigned seat.
- Use appropriate language and behavior at all times.
- Follow all school policies, rules, and regulations. Students are responsible for knowing and following the rules listed in the Parent & Student Handbook.
- Contribute to class discussions.
- Follow the teacher's instructions.
- Respect the teacher, your peers, and yourself.

Consequences resulting from breaking classroom rules include warnings, meetings with the teacher, teacher detentions, office detentions, and referrals to administration. Parents will also be contacted.

Tools: The following tools are required for each day of class:
        - Chromebook (and charger if needed)
        - Android device or iPhone (if you have one)
         Mr. LaChance has Android tablets to borrow if needed.

Grades: Your grade for each quarter will be determined in the following manner:
       ➢ Assessments (tests, quizzes, written assignments, and projects)   85% *
       ➢ Daily Homework and Classwork   15% *
       * May be subject to change as we proceed through the course.

The **first semester grade** consists of:		The **second semester grade** consists of:	
First Quarter	45%	Third Quarter	45%
Second Quarter	45%	Fourth Quarter	45%
Midterm Exam	10%	Final Exam	10%
Total	100%	Total	100%

The final course grade consists of 50% Semester 1 and 50% Semester 2.

Extra Help: If you fall behind or are confused regarding the concepts covered, you should seek extra help. Extra help is available before and after school, as well as during other available periods. **Please see Mr. LaChance in advance about when you would like to get extra help.**

Mr. LaChance's Usual Availability for Extra Help:
Before school: 6:45 a.m. – 7:15 a.m.   Math Office (Rm 214)
After school MWTh: 2:10 p.m. – 3:15 p.m.   Math Office (214) or posted location
Mr. LaChance has some availability during other periods. See him about a time!

Assessments: Students will be assessed in a variety of ways. Quizzes, Tests, and/or Projects will be administered during and at the end of each unit. Other assessments will include performance-based tasks and sample AP questions. **You will not be allowed to retake any assessment.**

Absences: It is your responsibility to obtain and make up all missed work. If you are absent, find out what work was missed, get notes from a classmate, and hand in the missing assignment(s). The complete Attendance Policy is in the Student Handbook.

Make arrangements with the teacher to make up missed assessments. Assessments missed due to an excused absence must generally be made up within **three days** of your return to school. Exceptions to this will be at the discretion of the teacher, provided the student has contacted him within three days of their return to school.

Exams: You are expected to take the formal AP Computer Science Principles exam and the Mobile CSP mid-course and final exams.

Homework: Homework and projects are vital parts of learning computer science because they allow you to refine your understanding about the concepts learned during class. Regular homework will be checked and graded for effort/completion. GOOGLE CLASSROOM AND RUNESTONE WILL BE USED EXTENSIVELY FOR SUBMITTAL.

Late homework may be submitted for half credit if complete and thorough. Any late homeworks should be submitted within a week of the due date.

Google Drive: You will be expected to maintain a **Google Drive Folder** containing your **AP CSP documents. This should be shared with Mr. LaChance, so any documents put here are automatically shared/visible.**

Technology: MIT App Inventor is a web-based program. You may use either your Chromebook or the desktop computer in class. Other programming tools that will be used in class include Python and Java (primarily after the AP exam).

If you have an Android device or iPhone, you may use it in class during app development. There will be Android tablets provided for students who do not have their own.

Communication: Every student and parent/guardian is welcome to e-mail or call the teacher if questions or concerns arise. In most cases there will be a response within 24 hours (next school day).

Google Classroom

Mr. LaChance will regularly post assignments, videos, links, and other documents on Google Classroom. Access the class via https://classroom.google.com or via an associated app.

If you were not automatically enrolled, see Mr. LaChance for the enrollment code.

AP Computer Science Principles Course Agreement

Student's Name: _____

Class/Period: _____

Please complete, sign and return this course agreement with both student and parent/guardian signatures.

I, _____ , have reviewed the Grading Rationale and Requirements document
(print student's name)

on Mr. LaChance's website:

https://glachance.weebly.com
→ AP Computer Science Principles → Grading Rationale and Requirements (the Syllabus)

I agree to abide by the course requirements. I understand that significant effort will be required to be successful in the course. I will abide by all school rules for technology use, including private technology devices and school technology resources.

Student Signature _____   Date _____

Parent/Guardian Signature _____   Date _____

Parent/Guardian Name _____

Parent/Guardian Contact Information:

      Tel. (Home): _____

      Tel. (Cell. Or Work): _____

      E-mail Address: _____