

AP COMPUTER SCIENCE PRINCIPLES

North Salem Middle High School

Teacher: Mrs. E Falk/Ms T. Fiore
Room C203 (extra help)

Course Materials

Texts:	<p>There is no textbook. Links to all materials for all units is available at www.mathizaverb.com under LINKS to all Units. OR https://bjc.edc.org/bjc-r/</p> <p>Curriculum : https://apcentral.collegeboard.org/courses/ap-computer-science-principles/course</p>
Software:	<p>Snap! Environment is free and available at www.mathizaverb.com or https://bjc.edc.org/bjc-r/</p> <p>Google Chrome Browser Screencastify</p>
Google Classroom :	All major assignments and announcements will be posted via Google Classroom

Course Goals

- Introduce you to the discipline of computer science
- Enhance your problem-solving abilities
- Learn and apply Computational Thinking skills and practices to solve problems.

What Does It Mean to THINK like a computer scientist?

Even if your career takes you in a direction that doesn't require computer science or computer programming, the critical and creative thinking skills that you learn in this course can be applied in many different situations. By learning to think like a computer scientist, you will acquire computational thinking practices that will equip you with the skills necessary to participate in an increasingly technological world.

SUCCESS TIPS:

- **READ (AND FOLLOW) INSTRUCTIONS**
- **DON'T PROCRASTINATE**
- **BE ORGANIZED**
- **HAVE FUN!**

Assessment

Your grade for this course will be based primarily upon lab work, homework, and performance on exams. The following weights will be used to determine grades:

HW/Labs/computing in the news 40%
Quizzes/Tests 60%

Homework: Late work will not be accepted unless you have a valid reason, and it will be up to the discretion of the instructor to allow submission of late work.

While it is acceptable to discuss the meaning of homework assignments and general approaches to solving the problems with other students in the course, **any cooperation beyond that point is not allowed**. If you receive help from anyone other than your instructor, you must document this help in your assignment by including a written statement describing the help you received. I reserve the right to examine any files in your course directories (Google Drive) at any time.

Lab Work: You will work on labs with a partner, and **you may collaborate with others outside your lab partnership unless told not to do so by your instructor**. I will be available to guide you during lab. Not every lab will be collected or graded. Labs build the skill set and programming language know-how that will set you up for success on the Create Task. Labs will be linked to the class lab spreadsheet. **EVERYONE HAS ACCESS TO THE LAB SPREADSHEET.**

Exams/Quizzes: For each exam, you may use the AP exam reference sheet or a Snap! Reference sheet. Quizzes- no reference sheet. Some assessments will take place via AP classroom.

Policies

Late Work: Labs and homework that are not turned in before or at the assigned deadline (which will be posted via Google Classroom) will not earn full credit. If the assignment is turned in late within 24 hours of the deadline then 25% of the total possible points will be deducted. If the assignment is turned in between 24 hours and 48 hours late 40% of the total possible points will be deducted. If the assignment is turned in between 48 and 96 hours after the deadline then 50% of the total possible points will be deducted. Assignments will not be accepted for credit after 4 days, it will be recorded as MI(missing) and calculated as a zero.

Example: If Rachel turns in a 100 point lab on Saturday at 4:00 PM and it was due in class period 4 on Friday, she can earn a maximum of 60 points out of 100. If she earns a 95/100 on her completed work, the recorded grade is a 55/100.

Important Dates:

AP Create Task Due March 31. AP Exam MONDAY May 8th Noon

(CT final submission May 1 11:59 pm)

Attendance: Do not miss class. You are responsible for all announcements and material covered in class, whether or not you are physically present. It is **your** responsibility to obtain handouts, notes, and materials for any classes you may miss.

Do not miss an exam; make-up exams will **not** be given unless there is a valid advance reason for missing an exam, i.e. scheduled sports event, class trip, etc. Arrangements must be made **in advance** by contacting your instructor at least two weeks before the scheduled exam date to arrange an alternative time.

Help outside of class: I am available if you should run into difficulty in working on your projects, homework, or labs, whether it is regarding concepts, clarifications, algorithm development, or syntax problems. You can contact any of us by email or phone at any time. You should be aware asking questions is evidence that you care about your work and your progress in the course. **Extra Help is WED/THUR in c203 , or reach out via email.**

Academic Honesty: Everything you turn in, **except for labs**, must be entirely your own work. Every lab you turn in must be completed by you and your partner only. It is important that each student maintain the highest level of academic integrity in this class. Guidelines are provided (at the website linked below) regarding what is and what is not appropriate collaboration on labs and homework. Academic dishonesty includes such things as violating these guidelines and cheating on an exam.

Miscellaneous:

No cell phones, earbuds, etc.... If WE need to use our phones say for a video, or some other search necessary for class, then you will be allowed to use it. **ONLY WITH THE PERMISSION OF THE INSTRUCTOR !!**

Questions?