**AP COMPUTER SCIENCE**

**SYLLABUS**

**GENERAL RULES**

1. Be on time.
2. Bring your class materials every day. (pen/pencils, notes, paper, device)
3. Be prepared to learn.
4. Be respectful.
5. Carefully follow instructions. If you have questions, please ask questions.

**AP COMPUTER SCIENCE CURRICULUM**

1. UNIT 1: OBJECT ORIENTED PROGRAMMING

2. UNIT 2: CLASS STRUCTURE & DESIGN

3. UNIT 3: ARRAYS & ALGORITHMS

4. UNIT 4: CONDITIONS & LOGIC

5. UNIT 5: TWO-DIMENSIONAL ARRAYS

6. UNIT 6: ARRAYLISTS & STRING METHODS

7. UNIT 7: METHOD DECOMPOSITION & RECURSION

8. UNIT 8: SEARCHING & SORTING

9. UNIT 9: AP EXAM & PRACTICE

**GRADING**

AP Computer Science is an advance level course. This course is designed to assist in your future career and continuing your education in the field of Computer Science. You have the ability to earn college credit if you earn a score of 3 or higher on the AP EXAM.

**PROCESS-60%**

Assignments students complete that are a part of the learning process. This includes classwork, homework, quizzes, group discussions, etc.

**PRODUCT-40%**

Assignments students complete as a result of the learning process. This includes tests and projects.

**\*Note:** Students will not receive a 50 for a missing assignment or an assignment they did not score a 50. At the end of the quarter, if a student’s average is below a 50, their grade will be overridden to a 50 to ensure there is an opportunity for improvement.

**GRADE RECOVERY**

If a student fails a quarter, the teacher and student will create a contract for the material that needs to be reworked in order to receive a passing grade for the quarter. Since this is an honors course, each situation will be customized based on the missing work. Please make every effort to complete and pass all assignments.

**MAKE UP WORK**

You have up to five (5) days, from the due date of the assignment, to turn in completed work for credit. If a test or project was assigned in advance, you are expected to take the test or turn in the work the day you return to class. This does not apply to assignments given in advance (example: projects, tests, discussions, modules, etc.) This only applies to worksheets and assignments given out in class on the day you were absent.

**ATTENDANCE**

TARDY DISCIPLINE STEPS

1st Tardy-WARNING

2ND Tardy-Teacher contacts parent and/or guardian & documents contact

3rd Tardy-Teacher contacts parents and/or guardian & documents contact

4th+ Tardy-Administrative Discipline Referral

**GUILFORD APPRENTICESHIP PARTNERS (GAP)**

GAP requires a GPA of an unweighted 2.8 GPA and **no more than 6 absences** for the year. They offer pay, benefits and a full 2-year college scholarship that pays you while you are in class, pays for your books, your fees and buys your tools for your chosen career field. The GAP scholarship is worth $175,000.

* Now is the time to start thinking about GAP and what career you would be interested in pursuing.

**CONTACT INFORMATION**

**Ms. Amma S Waddell**

[**waddela@gcsnc.com**](mailto:waddela@gcsnc.com)

**252-419-6996**

**6th period planning**

**Tutoring: Tuesdays 4:30pm-5:30pm (please arrange in advance)**

**RULES & EXPECTATIONS**

1. Please inform the teacher if you damage or find something damaged. The classroom and equipment are our working space and needs to be properly maintained. **Failure to follow this rule can cause you to lose your privileges and possibly the honors credit for this course.**
2. School policies will be strictly enforced. Western Guilford High School has a low tolerance for cell phones and electronic devices being used at the wrong times. Cell phones need to be secured in your bookbag and ear buds/headphones are to be put away during class. **Do not take them out unless you have permission.**
3. Being tardy to class is disrespectful to the instructor and your classmates. Arriving on time is expected and a must.
4. Everyone in my class has an opinion and a right to voice that opinion in the proper manner. Be respectful of other’s thoughts and feelings. Every student should feel welcome and comfortable in my class.
5. Bullying, harassment, profanity and disruptive behavior will not be allowed.

**Consequences for misconduct:**

1st offense-WARNING

2nd offense-Parent contact & review

3rd offense-Administrative referral/write up

**STUDENT’S NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**PARENT’S NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**PARENT’S SIGNATURE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**PARENT’S PHONE #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**PARENT’S EMAIL: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**