**Ms. Arnold Advanced Algebra**

**Course Description:** The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students will use technology, investigations, problem solving, and writing to build conceptual understanding.

**College Course Equivalent:** The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics.

**Course Overview**

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| **Unit 1:** Exploring One-Variable Data | **Unit 2:** Exploring Two-Variable Data | **Unit 3:** Collecting Data |
| **Unit 4:** Collecting Data | **Unit 5:**Probability, Random Variables, and Probability Distributions | **Unit 6:** Sampling Distribution |
| **Unit 7:** Inference for Quantitative Data: Means | **Unit 8:** Inference for Categorical Data: Proportions | **Unit 9:** Inference for Quantitative Data: Slopes |

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| **Supplies and Materials** | | |
| **Required** | **Recommended** | **Requested** |
| * 1-in Binder * College Ruled Loose Leaf Paper * 2 Dividers * Pencils * 2 Composition Books (one for each semester) | * TI 84 Plus Graphing Calculator * Colored Pencils/Pens * Highlighters | * Tissues * Glue Sticks * Colored Copy Paper * Extra Lined Paper for the Class * Extra Pencils for the Class |

**COURSE ASSESSMENT PLAN**

The chart below outlines the way your grades will be calculated in this class. You will have two semester exams; one at the end of the first semester and one at the end of second semester. You will not be allowed to exempt the first semester exam but can exempt the end of the year exam. If you take the AP Exam for college credit, you will automatically exempt the end of the year exam.

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| **Progress Report Grades** | **Minor Grades 60%** | **Major Grades 40%** |
| **Semester Grades** | **Progress Grade Average 90%** | **Semester Exam 10%** |

**New Late Work Policy:** All work should be submitted on the DUE DATE as notified in class or online. *Each submission day after the due date will incur a 5% grade penalty, up to a maximum 25% penalty.* Any grade penalty incurred will be indicated in Canvas and Infinite Campus. Work that is not submitted after the 5-day window will be marked as “Missing” in Canvas and Infinite Campus and will earn zero points.

**Relearn and Reassessment (R&R)** opportunities are offered to remediate unsatisfactory scores on **MAJOR** grades. These opportunities are offered **once** per assignment, but each R&R plan (including the reassessment itself) must be completed within **seven school days**of receipt of the original grade. The R&R form indicates the requirements that must be met to be eligible for the opportunity.

**Make-up Work**Students are expected to make-up assignments and assessments that were missed due to absence from school. Students are responsible for asking teachers for the make-up work upon returning to class. Make-up work should be completed by the student within the time specified by the teacher. Teachers should provide reasonable timelines for completing make-up work. Generally, such work should be completed within 5 days of returning to school. A student should not be required to take a quiz or test on their first day back to school if the assessment was first-announced during their absence. Graded assignments should be scored to accurately reflect the level of mastery of standards.

**Cheating Policy:** The Student Code of Conduct, Rule 1(A)(t), states that no student shall cheat, alter records, plagiarize, receive unauthorized assistance or assist another in any type of academic dishonesty. The determination that a student has engaged in academic dishonesty will be based on the judgment of the classroom teacher and a supervising administrator, taking into consideration any written materials, observation, or information from witnesses.

Students found to have engaged in academic dishonesty will receive 3 hours of detention. Additionally, the task will be entered as incomplete, and the student will be required to re-do the assignment or re-take the assessment.

**Relearn/Reassess Policy:** We will follow the DFA Relearn/Reassess Policy which gives each student one opportunity to retake a test. There will be a form to be signed prior to the retest.

**Cell Phone Policy:** The RCSS Student Code of Conduct, Rule 16, states that the use of cell phones, electronic communication devices, and/or accessories (including some tablets, smart watches, earbuds, and earphones) are prohibited for all students at all times during the instructional day, defined as the time the student arrives on campus until the end of the school day. Penalties are described in more detail in the Code of Conduct, but they range from confiscation of the device to suspension, which would result in disciplinary probation at DFA. Personal iPads & tablets are NOT allowed. Noncompliance: If students refuse to give up their phone/device to a staff member, they will receive two days of suspension.

**Extra Help:** I will have before and after school tutoring sessions each week.  Morning sessions will take place on Fridays from 7:30 until 8:00. Afternoon sessions will take place on Thursdays, after school until 4:00.

**Stay in Touch:** The best way to communicate with me is through email:

[arnolcr@boe.richmond.k12.ga.us](mailto:arnolcr@boe.richmond.k12.ga.us)

Thanks so much! I’m looking forward to a wonderful year!

Crystal Arnold

AP Statistics Teacher

Advanced Algebra Teacher

Middle School Math Team Coach

Junior Student Council Sponsor