**Advanced Algebra: Concepts and Connections - Syllabus**

Ms. Hailey Fookes – Room 272

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Remind: Text @fookes to 81010

Advanced Algebra: Concepts and Connections proceeds and builds from topics learned in Algebra 1 and Geometry. Students will further develop their functional and graphical reasoning as they explore and analyze structures and patterns of various equations and functions.

**Course Overview:**

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| --- | --- | --- | --- |
| **Unit 1:** Descriptive and Inferential Statistics | **Unit 2:** Exponential and Logarithmic Functions | **Unit 3:** Investigating Radical Functions | **Unit 4:** Modeling Polynomial Functions |
| **Unit 5:** Investigating Linear Algebra and Matrices | **Unit 6:** Trigonometry and the Unit Circle | **Unit 7:** Exploring Rational Functions | **Unit 8:** Culminating Capstone Project |

**Supplies and Materials:**

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| **Required** | **Recommended** |
| * 150+ Page Spiral Notebook OR Binder with Paper * Pencils * Colored Pens or pencils * Highlighter | * Glue Stick * Lined Paper * Folder * TI-84+ Graphing Calculator |

**Grading Policy:**

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| --- | --- |
| **Category** | **Percentage** |
| Minor Grades (quizzes, labs, graded work) | 60 |
| Major Grades (tests, projects, culminating tasks) | 40 |
| Homework (practice) | 0 |

\*\*\* Extra credit is not permitted per Richmond County School System policy.\*\*\*

**Communication:**

*Text @fookes to 81010 to join the remind.*

* All important dates and assignments will be posted in Canvas.
* Weekly updates will be posted on Canvas announcements.
* Remind will be used for important reminders.
* Please feel free to contact me through email or Remind.

**Tutoring:**

* Tuesday mornings 7:45-8:15 AM
* Students are required to request a pass before 6pm on Monday.

**Make-up/Late Work Policy:**

* When absent, students are responsible for getting their missed work. Make-up work must be completed within 5 school days. Quizzes must be made up before completion of the corresponding test. Tests must be made up as soon as possible and before the next formal assessment. ***If students are absent the day of a test, they can expect to make it up the following day.***
* All work should be submitted on the due date as notified in class or online. Each submission day after the due date will result in a 5% grade penalty, up to a maximum 25% penalty (5-day window). Any grade penalty will be indicated in Canvas and/or Infinite Campus. Work that is not submitted after the 5-day window will be marked as “missing” and will earn zero points.

**Relearn and Reassessment (R & R):**

* Students may choose to relearn/reassess each major assignment, one time.
* The relearn/reassess cycle must be completed no later than 7 school days from the date the assignment grade is posted in Infinite Campus.
* To be eligible for reassessing, students must have all previous assignments from that unit completed one day prior to the reassessment date.
* Students earning a score below 70 on a major assignment are required to complete the relearn/reassess form for that assignment and to communicate the relearn/reassess plan to their families. For all other students, it is optional.
* Please note that the reassessment will not be the same as the original but will fairly assess the same standards.

**Cheating Policy:**

The RCSS Student Code of Conduct, Rule 1(A)(t), states that no student shall cheat, alter records, plagiarize, receive unauthorized assistance (including the use of AI when prohibited) 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 an incomplete and the student is required to re-do the assignment or re-take the assessment.

**Cellphone 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.

**Classroom Rules/Expectation:**

|  |  |
| --- | --- |
| **Expectations:**   1. Show respect through your words and actions. 2. Be prepared. 3. Follow Directions. 4. Take accountability and initiative. | **Consequence Ladder:**   1. In-Class Infraction (a warning, for personal documentation, DOES NOT go on any record or to office.) 2. In-Class Infraction + Parent Contact 3. Detention |

**Expectations for Guardians:**

1. Encourage your student to put forth their best effort in all assignments (graded and ungraded). Remind them to ask for help or attend tutoring if needed.
2. Have conversations with your student about homework and upcoming assignments. Ask them what they learned today!
3. Communicate any problems or concerns to the teacher as soon as possible.
4. Monitor the calendar in Canvas and the gradebook in Infinite Campus.

By signing this form, I acknowledge that I have read and fully understand the policies, procedures, and consequences for Ms. Fookes’ Advanced Algebra course. I acknowledge that an additional copy of the syllabus will remain available to me in Canvas should I need it. I understand that I will be held accountable for my role as a student in the course.

Please check Remind and Canvas for weekly updates or reminders.

**Please sign and return:**

Guardian Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Preferred method of contact: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_