

**COURSE INFORMATION**

**SYLLABUS-ADVANCED ALGEBRA 2 CONCEPTS & CONNECTIONS**

**SY 2024-2025**

**TEACHER INFORMATION:**

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**COURSE DESCRIPTION**

**COURSE ADVANCED ALGEBRA 2 C&C- A: 1ST SEMESTER**

**COURSE ADVANCED ALGEBRA 2 C&C- B: 2ND SEMESTER**

**TEXTBOOK: Into Math – Algebra II**

**GENERAL DESCRIPTION**

Advanced Algebra: Concepts & Connections is the culminating course in a sequence of three high school courses designed to ensure career and college readiness. It is designed to prepare students for fourth course options relevant to their career pursuits. High school course content standards are listed by big ideas including Data and Statistical Reasoning, Probabilistic Reasoning, Functional and Graphical Reasoning, Patterning and Algebraic Reasoning, and Geometry Patterning and Spatial Reasoning. This course is designed as the third course in a three-course series. Students will learn how to use matrices and linear programming to represent data and to solve contextually relevant problems. Students will strengthen their geometric and spatial reasoning skills as they learn how to solve trigonometric equations using the unit circle. In previous courses, students studied how to use linear and quadratic functions to model real-life phenomena. In Advanced Algebra: Concepts and Connections, students will further develop their functional and graphical reasoning as they explore and analyze structures and patterns for exponential, logarithmic, radical, polynomial, rational expressions, equations and functions to further understand the world around them. The identified Prerequisite for this course is Geometry: Concepts & Connections.

**COURSE STRUCTURE**

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| **CURRICULUM OVERVIEW – MODULES OF STUDY** |
| \*Dates are target dates and subject to change |

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| **SEMESTER GRADES** | | |
| Minor Grades - 60% of the overall semester grade  *(graded classwork, quizzes, learning tasks, and ST Math)* | | Major Grades - 40% of the overall semester grade  *(unit tests, common assessments, culminating tasks, and projects)* |
| **FINAL GRADES** | | |
| Semester Grades - 90% of the final grade | Final Exams/End of Course Tests - 10% of the final grade | |
| **CRITERIA FOR EXEMPTING FINAL EXAMS** | | |
| End of Couse Tests (EOCs) and other stated mandated exams MAY NOT be exempted. | | |
| Students with a semester grade of 90+ are eligible for exemption. | | |
| Students and their parent/guardian must sign and return the exemption letter provided by the school within the specified time frame or students will still be required to take the final exam. | | |
| **GRADING SCALE** | **GRADE ANALYSIS** | |
| |  |  | | --- | --- | | **Letter Grade** | **Percent Range** | | A | 90-100 | | B | 80-89 | | C | 75-79 | | D | 70-74 | | F | 69-Below | | ***Distinguished Learner* 92%-100%**  ***Proficient Learner*  80%-91%**  ***Developing Learner* 68%-79%**  ***Beginning Learner* 0%-67%** | |

**RICHMOND COUNTY BOE GRADING CRITERIA**

**ASSIGNMENTS AND ABSENCES**

Students will receive a variety of assignments designed to enhance their learning. If a student is absent, the student is responsible for the missed assignment. Students who have an excused absence will be allowed five days to turn in the missed assignment. No work will be accepted after five days. If a student is absent, he/she is responsible for getting their own make up work. All work should be submitted in Canvas.

Each week students should check their modules for the current week’s assignments. All evidence of assignments regardless of the format will be submitted via Canvas. All assignments are due no later than Saturday of the current week at 11:59 pm without penalty of being late. Students will receive a late penalty for every day the assignment is not submitted; grossly late assignments (3+ weeks) will be assigned a maximum grade of 70%.

**Notification of Assignments/Updates**

Please visit Canvas or the school website under Ms. Austin’s website to see a Week at a Glance for assignments and HW for the week.

Grades for assignments will be posted within three days of the due date.

**Canvas work for all-** Students will have 5 days to resubmit an assignment on Canvas that is not a quiz or assessment if their score is not sufficient or stated by the teacher in the Comments section.

**MAKE UP/LATE WORK**

**YOU ARE RESPONSIBLE FOR SUBMITTING YOU WORK ON TIME!**

**Makeup/Late Work**

Arrangements for completing make-up work **is the responsibility of the parent and student.** All assignments missed can be found in Canvas under the modules/assignments page. Students should check Canvas for all assignments. Assignments with hard/printed copies will be available in the purple crate labeled with the date of absence. Make-up work should be submitted to the assignment in Canvas prior to the assignment close-out date. If the assignment closes it will not be reopened for any reason. Students will have five days of an excused absence to arrange to make-up work. Students who do not ask for their make-up work will receive a “0” for assignments after five days. **There will be no make-up period for students who do not turn in work due to procrastination and forgetfulness.**

**RICHMOND COUNTY BOE RELEARN AND REASSESSMENT POLICY**

After any major assessment, students have the opportunity to submit a relearning plan for parent and teacher approval. Upon satisfactory completion of the plan, as determined by the teacher, students will be given at least one opportunity to be reassessed.

* Students scoring below 70 on a major assessment are expected to complete a relearning plan unless exempted with parent/guardian approval.
* This requirement is 100% student-centered and the teacher will not remind them more than once to complete the relearning plan within the specified time frame.
* If students refuse to complete a relearning plan and submit it to the teacher within 5 school days of the original assessment they will forfeit their opportunity to reassess.
* Reassessments will be a different version from the original.
* The reassessment score will replace the original score (the scores will not be averaged).
* When viewing the new score in the grade book the student and parent/guardian will see the new score with a decimal and their original score after the decimal.  Example: Original score of 67% new score of 89% in the grade book you will see 89.67%).
* Timeline for the R&R process. Generally, reassessments will be completed within 10 school days of receiving the original grade. The teacher has the discretion to extend the timeline to address extenuating circumstances.

**RULES AND EXPECATIONS**

**We are a 1 Rule Classroom:** If what you are doing ***INTERERES*** with learning, ***HURTS*** someone’s heart, or ***PREVENTS*** you from being your best self…***YOU SHOULDN’T BE DOING IT***!

1. Respect yourself, peers and all adults.
2. High expectations ALL DAY, EVERY DAY!
3. Be prepared for class daily.
4. Every student is responsible for helping to maintain a clean, safe learning environment and to participate in daily math lessons.
5. Adhere to all policies, rules, and regulations outlined in the student handbook.
6. Use computer etiquette.

**CLASSROOM PROCEDURES**

1. Walk into the classroom quietly and take your seat.
2. If you are tardy, you must have a pass from the office.
3. If need be, sharpen your pencil or visit the wastebasket before class begins. This must be done within the first three minutes of coming to class.
4. As soon as you are seated, get out all materials needed for class.
5. During assessments you are to raise your hand if you have a question and I will come to you. Always bring a book to read after you finish your test because not everyone will finish the test at the same time.
6. During class work, raise your hand and I will come to you and if I am with another student, wait patiently and I will get to your question.
7. If you are absent, it is your responsibility to check with me to see which assignments you missed. **It is your responsibility to complete the assignments within five days.**
8. Do not stand up, pack your book bag, clear off your desk or leave the classroom until instructed to do so.
9. During a fire or tornado drill, remain calm and walk quietly to our designated areas.
10. During any announcements, be quiet and listen until they are finished.

**REQUIRED MATERIALS**

* 9x11 Spiral Notebook with plastic cover
* Pencils
* Chromebook

**PLAGIARISM, CHEATING, AND THE USE OF AI & MATH APPS**

Plagiarism is taking the ideas or writings of others and presenting them as if they were the student’s original thoughts. Students are not to plagiarize written math assignments.

Cheating is talking or passing papers between students during a test, giving and/or receiving answers, and the use of math apps/software/AI/google to find answers without solving yourself.

Cheating will **NOT** be tolerated! If any portion of an assignment is created or obtained through cheating or plagiarism, the teacher will assign a “0” for the assignment with no opportunity to improve the grade.

**THINK FOR YOURSELF AND DO YOUR OWN WORK!**

**BEHAVIOR INTERVENTIONS**

* 1st time – Verbal warning/Conference with student about the misbehavior and its negative impact on their learning.
* 2nd time – Parental contact to discuss behavior and interventions.
* 3rd time – Conference with student and graduation coach, liaison, or counselor.
* 4th time – Referral to administration

**\*\* Any student who is a major disruption to classroom procedure will be referred immediately to their assistant principal.**

**\*\*\*The classroom is a safe environment where everyone, regardless of background and ideals, is free to empress himself/herself. If you or anyone else feels unsafe in the classroom, please notify your teacher right away so the situation can be remedied**

**TECHNOLOGY IN THE CLASSROOM**

It is the goal of the Mathematics department to have students learn to use and appreciate technology as a mathematical tool. Graphing calculators are powerful mathematical tools.  Through their use students can visualize problems more quickly, discover mathematical properties, and validate their work done with pencil and paper. Graphing calculators are not substitutes for students learning mathematical concepts and processes.  They are to be used to enhance student learning. I have a set of graphing calculators for students to use while in my classroom.  In order to ensure security, students will only be allowed to use one of my calculators on in-class quizzes and tests.

Bring your technology (BYOT) allows students to have opportunities to learn mathematics using technology by bringing personal technology to school to use for instructional purposes only. Technology covers hand-held and other mobile equipment such as tablets, netbooks, notebooks, or other systems that can be used for word processing, Internet access, recording audio or video, and that may serve other purposes as deemed appropriate for a subject area by the teacher. The owner of the personal technology is responsible for the safe-keeping, storage, updating, charging and usage of the device. Laney High School is not liable for theft, loss, or damage. All users must follow the Richmond County Internet Acceptable Use Policy. Devices with other connectivity besides wireless (such as 3G or 4G) may only access the wireless network provided by RCSS.

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| **TECHNOLOGY POLICY** | **CELL PHONES ARE NOT ALLOWED IN MY CLASS. DUE TO THE DISTRICT BEING 1 TO 1 (WHICH MEANS EVERY STUDENT WILL HAVE A COMPUTER), CELL PHONES ARE TO BE TURNED OFF AND HELD IN A SECURE LOCATION (THE STUDENT’S LOCKER) FOR THE ENTIRE SCHOOL DAY.** |

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| **EXTRA HELP** | **Online Resources**   * Gizmos.com * My.hrw.com * Progress Learning – In your launchpad * Khan Academy – [www.khanacademy.org](http://www.khanacademy.org)   **TUTORING**  **Tutoring times TBA**  **++Tutoring Schedule will be modified based on meetings (Faculty and Parent).**  ***It is the responsibility of the student to request additional help (I will need to be notified at least twenty- four hours before the student plans to stay)*** |
| **GRADE RECOVERY** | **The Recovery Policy is a provision for improving grades. This policy allows students to recover from a low or failing cumulative grade on ASSESSMENTS ONLY.**  **Grade Recovery: Any student that has a grade below a 70 at the end of each grading period will receive a *Grade Recovery Contract*. Grade forgiveness will be used, whereby the original failing grade is replaced by the Grade Recovery grade for computing grade-point averages.** |

**CONFRENCES**

**To schedule a conference with your teachers, please contact the Guidance Office** 706-823-6900

**PLEASE COMPLETE THE BELOW PORTION AS ACKNOWLEDGEMENT OF RECEIVING THE SYLLABUS AND RETURN TO YOUR TEACHER FOR YOUR FIRST GRADE OF THE SEMESTER.**

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**Ms. Austin’s Advanced Algebra Concepts and Connections**

**Syllabus Acknowledgement**

**Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Contact Information**

**Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Signing this acknowledges that I will strive for success.**

**Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent Contact Information (please print legibly below):**

***\*Please check the best way(s) to contact you.***

* **E-mail address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Home phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Cell phone #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Work phone # and hours \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**