



# Dublin Unified School District

## Grades 6-12 COURSE SYLLABUS

*Education that inspires lifelong learning*

**Course Name:** Advanced Algebra 2

**Teacher:** Mr. M. Kless

Ms. E. Lee

**Learning Platform:** Canvas, or Website

**Grades can be found on Infinite Campus**

**Textbook name:** Big Ideas Algebra 2

**Teacher email:** [klessmitchell@dublinusd.org](mailto:klessmitchell@dublinusd.org)

[leejung@dublinusd.org](mailto:leejung@dublinusd.org)

*\*Please allow 48 hours for response. Please also note that emails received on Fridays/weekends may not be returned until the following Tuesday. We value our weekends and want you to do the same. Thanks.*

### I. Introduction/Syllabus:

Advanced Algebra II (AA2) is an advanced math course that prepares students to take Pre-Calculus and the AP math courses at Dublin High School. More time is required to master concepts in this course than what was needed in previous math courses. Topics include complex numbers, various functions and transformations (polynomial, rational, radical, exponential, logarithmic, and trigonometric), sequences/series, trigonometric identities and other topics as time permits.

### II. Materials:

Pencils and erasers

- Headphones
- 1 highlighter, 2 different colored pens
- Loose graph paper and binder paper
- Straight edge
- Scientific calculator (TI-30X will be provided/used during assessments)
- Notebook for daily notetaking. Spiral or Composition Graph notebook is highly recommended.

### III. Behavior Expectations



## IV. Code of Conduct

### Dublin High Gael Force Guide

**V. Success Criteria:** By the end of this course, you will be able to:

**Measures of Success:** We plan our time with the learning goals for each unit, on the assignment sheet located on your teacher's website.

Fall Semester	Spring Semester
<ul style="list-style-type: none"><li>• <b>Algebra Skills</b> (factoring, linear and absolute value equations/inequalities, compound inequalities)</li><li>• <b>Linear Functions</b> (solving systems, graphing, applications)</li><li>• <b>Quadratic Functions</b> (solving, graphing with transformations, complex numbers, applications)</li><li>• <b>Conics</b> (graphing, writing, applications)</li><li>• <b>Polynomial Functions</b> (graphing, operations, solving)</li></ul>	<ul style="list-style-type: none"><li>• <b>Radical Functions</b> (operations, composition, graphing with transformations, solving)</li><li>• <b>Exponential Functions</b> (graphing with transformations, properties, inverses, solving, applications)</li><li>• <b>Logarithmic Functions</b> (graphing with transformations, properties, inverses, solving, applications)</li><li>• <b>Trigonometric Functions</b> (graphing with transformations, properties, inverse trigonometry, solving, applications)</li><li>• <b>Other Topics</b> (sequences and series, probability/statistics)</li></ul>

## VI. Academic Support

- Contact your teacher by email or speak to them in class if you need extra support.
- Support is also available before school, at lunch, after school and during a student's Gael Period at the DHS Academic Resource Center (ARC). For more information, visit [DHS Tutoring](#)

## VII. Statement on observation of religious holidays

*As a diverse community, we recognize that our students come from a variety of traditions and that there may be occasions when observation of a holiday conflicts with school. Consistent with our value of respecting and celebrating all our community, we are committed to working with students to extend or reschedule work. In order to receive accommodations, students must inform their teacher in writing, in a timely manner, preferably at the beginning of the quarter.*

## VIII. Grading Criteria

The AA2 teachers of Dublin High School support the Homework Policy adopted by the District Board and the Dublin High School Administration. All assignments for a unit will be posted for students and parents to monitor on teachers' websites.

The grading distribution is as follows:\*\*

Homework	10%
Classwork	15%
Quizzes	15%
Tests	45%
Final Exam	15%

++ Infinite Campus grades will be updated at least after each unit test.

## VIII. Grading Criteria

Per Board Policy 5121: “*Grades shall be accurate, fair, impartial, transparent, and shall reflect the student’s level of mastery towards course content standards.*”

- a. To show mastery of standards, students will be given chapter quizzes and tests. Chapter tests will cover the whole chapter and can not be revised. There will also be a cumulative semester final.
- b. Please refer to the previous page for grad categories and weights.
- c. No extra credit or bonus points will be offered (AR 5121).
- d. No single project or assignment can be worth more than 30% of a student’s overall grade. Any project worth more than 20% must have at least one midpoint check. Semester finals will not exceed 20% of the final grade (AR 5121).
- e. To create a mathematically sound grading scale, all grade bands (A, B, C, D, and F) shall have a 10% range. If a student scores below 50% on a given assignment, at or before the end of the grading period, the grade shall be input as a 50%.
- f. Missing assignments will be posted as an “M” in the gradebook. An “M” will be calculated as a “Zero” in the gradebook.
- g. Assignments not given a **reasonable attempt** will be posted as an “N” in the gradebook and will be calculated as a “Zero” in the gradebook.
  - i. Minimal efforts shall not constitute a reasonable attempt. Examples include simply writing one's name on the assignment, answering all questions on a multiple-choice exam with the same letter, doodling, or submitting responses that demonstrate an obvious disregard for instructions and/or assignment criteria. It shall be left to the discretion of the teacher to quantify the attempt as reasonable or unreasonable (AR 5121).

## VIII. Grading Scale:

Grade	Percentage Range
A+	96.50% - 100%
A	92.50% - 96.49%
A-	89.50% - 92.49%
B+	86.50% - 89.49%
B	82.50% - 86.49%
B-	79.50% - 82.49%
C+	76.50% - 79.49%
C	72.50% - 76.49%
C-	69.50% - 72.49%
D+	66.50% - 69.49%
D	62.50% - 66.49%
D-	59.50% - 62.49%
F	50.00% - 59.49%

## IX. Homework:

Homework is assigned daily and collected/checked the following class meeting. Each student can hand in three late homework assignments per semester for up to full credit. Late homework must be handed in prior to the unit test for credit. Each assignment is graded on completeness and is worth 2 points. In order to receive full credit, you must show appropriate work for all assigned problems. It is recommended that you keep graded homework in a folder for future reference.

**On average**, each homework will take approximately 45-60 minutes. AA2 is an advanced math course that prepares students to take Pre-Calculus and the AP math courses at Dublin High School. More time may be required to master concepts in this course than what was needed to master concepts of previous math courses.

Any student who often spends much longer on their homework than the average time should set up an appointment with their teacher to make, together, the homework process more efficient. Students can use the [DHS Tutoring](#) for homework support and additional tutoring. If a student continues to experience difficulty they may be assigned to mandatory tutoring. At DHS, we use grades/written comments/conferences to give you feedback about your performance in this class. We expect you to use the feedback to celebrate areas of success and analyze areas that need improvement.

- a) **Absent Homework:** A student has time (school days) equal to the absence (If you are absent on a Tuesday, you have until that Thursday to turn in the absent work) to hand in all homework assigned during the absence for credit. All AA2 assignments are available on your teacher's website.
- b) **Field trips/Early Release:** Homework due the day of the Field Trip must be handed in before leaving. Otherwise it will be considered late homework. Homework due the day after the field trip must be handed in on the day of return. If it is not handed in on the return day, it will be considered late homework.
- c) **Suspension:** All homework assigned during a student's suspension must be done during the suspension and handed in for full credit the day the student returns. All quizzes and tests given during the suspension must be made up within 48 hours of the suspension's ending date.

## **X. Late Work & Absent Work Policies:**

### **Late Work Policy:**

**Quizzes** will be given once or twice per unit, and announced ahead of time. If you are absent on the day of the quiz, there is no make up for the missed quizzes. For excused absences, the quiz score will be prorated from the unit test score.

**Tests** are given at the end of each unit/topic. Semester final exams are cumulative of each semester. The dates of the tests are on the assignment sheet for the unit.

- a) **Make-up Test:** A student has time equal to his/her absence to make up for the missed test. The student must meet with (or email) his/her teacher and set up a time and day for the makeup test.
- b) **Field trips/Early Release:** A test given during a field trip or early release must be taken before the field trip or early release day.
- c) **Suspension:** All tests given during the suspension must be made up within 48 hours of the suspension's ending date.

### **Retake Policy**

Assessment retakes are not offered for this course. Homework, quizzes, common formative assessments, and class activities by students provide a variety of opportunities for students to **practice and master concepts multiple times** before the unit test. Also, these multiple opportunities provide each teacher with additional information to assess student/class understanding of the more difficult topics.

### **DUSD AI Policy:**

In alignment with Dublin Unified School District's Board Policy and Administrative Regulation on Artificial Intelligence (AI), courses promote the ethical, responsible, and effective use of AI tools. Students may use generative AI to support brainstorming, outlining, grammar correction, debugging, and generating study materials; however, AI must not be used to write entire essays, complete code segments, or directly solve assignments. AI-generated content must not exceed 15% of any student submission. No personal information (such as names, birthdates, or emails) should be shared with AI platforms. Instructors may incorporate AI into lessons and define appropriate use on assignments, ensuring alignment with curriculum goals and academic integrity. For full policy details, visit: [AI Board Policy & Regulation](#).

**I have read and understand the expectations for this course.**

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

Student signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent signature: \_\_\_\_\_ Date: \_\_\_\_\_