

## Syllabus: Algebra II

### Mrs. Heather Higdon

#### I. Course Description:

- Length of course 36 weeks (all year)
- Instructor Heather Higdon
- Contact Information [hhigdon@mauryk12.org](mailto:hhigdon@mauryk12.org)  
931-381-2222 Ext. 1059
- Textbook McGraw Hill TN Reveal Algebra 2 (volumes 1 & 2)

#### II. Expectations for the Student:

1. Students must follow classroom requirements and all CHS policies.
2. Students must keep a notebook/folder.
  - a. The textbook is consumable. You will tear out one module at a time – you will need a binder.
  - b. Students will complete the guided notes, classwork, and homework. **YOU MUST ALWAYS SHOW YOUR WORK! I WILL NOT ACCEPT JUST ANSWERS!**
3. Students will complete all missed assignments promptly.
  - a. You are responsible for completing all missed assignments in a timely manner.

#### III. Course Outline:

- Module 1: Relations & Functions
- Module 2: Linear Equations, Inequalities, & Systems
- Module 3: Quadratic Functions
- Module 4: Polynomials & Polynomial Functions
- Module 5: Polynomial Equations
- Module 6: Inverse & Radical Functions
- Module 7: Exponential Functions
- Module 8: Logarithmic Functions
- Module 9: Rational Functions
- Module 10: Inferential Statistics
- Module 12: Matrices
- Module 11: Trigonometry

The above listed course outline is the sequence in which all topics will be covered. Trigonometry will be covered after the EOC test. The Algebra II State Standards can be found on the TN state website. The link is: [https://www.tn.gov/content/dam/tn/education/blueprints/TCAP\\_blueprint\\_EOC\\_Algebra\\_II.pdf](https://www.tn.gov/content/dam/tn/education/blueprints/TCAP_blueprint_EOC_Algebra_II.pdf)

#### IV. Grades:

- Home/Classwork: 15%
- Quiz: 30%
- Unit Test: 40%
- Mid-Term & Final Exam: 15%

#### V. Supplies

- Binder
- Pencils or Pens
- Notebook Paper
- Highlighter
- TI-84+ Graphing Calculator

## **Mrs. Heather Higdon Classroom Rules and Procedures**

### **I. Class Rules:**

1. Be respectful
2. Be on time
3. Be prepared
4. Use class time wisely

### **II. Consequences:**

- Warning
- Parent contact
- Referral to Principal

### **III. Rewards:**

- Praise
- Positive call or email home

### **IV. Absences:**

- Students have 3 days to make up work or arrange to complete missed work.
- Students must complete notes and any classwork, quiz, or test within 3 days.
- When you are absent, check Teams (or message me in Teams) for all class assignments. You don't have to get behind just because you are not in class.

### **V. Home/Classwork Assignments/Late Work:**

- Assignments are graded on a sliding scale of 1-10 based on completion.
- One point will be deducted **per lesson per day** if an assignment is turned in late.

### **VI. Cell Phones:**

- Cell phones/headphones are NOT permitted. They must be kept OUT OF SIGHT!
- When the bell rings, the expectation is that all phones and headphones are in a backpack.

### **VII. Emergency Fire Evacuation Plan:**

1. Pick up your personal belongings.
2. Do not worry about books, etc.
3. Line up at the door, and wait for a signal for dismissal.
4. Exit the classroom and turn left. At the end of the hall, enter the stairwell to the left. At the bottom of the stairs, exit the building through the front door and gather as a class on the front lawn. Do not enter the English hall.

### **VIII. The Flipped Classroom:**

- Homework: Homework will alternate between videos and practice problems.
- Classwork: Students will work the first 15 minutes of class to complete the assignment on their own. After that time, the class will come together to ask questions.
- Quiz: We will have an exit ticket at the end of each lesson to gauge learning.
- Unit Test: Students will complete a Unit test during **one** period.
  - ❖ For this to work, it is imperative that you watch and listen to the videos for each lesson at home! Notes will be checked every day at the beginning of class.

#### **IV. Take Note:**

- Please use Student Vue to keep up with your grades and missed work.
- Cheating is NOT tolerated. All those involved will receive NO CREDIT for the assignment.
- You are expected to arrive to class on time. No excuses.
- Sleeping is not permitted.
- Use the restroom between classes. No restroom breaks for the first and last ten minutes of class.
- Please refrain from using smelly hand lotions or hand sanitizers. I have severe migraines.
- You must sit in your assigned seat. Your seat should face forward and remain in your area.
- Your calculator number corresponds to your seat number and should be picked up before class starts.
- Communication is the key to our success.
- If you do not understand something, do not wait to ask for help.
- Learning math is a process. Trust the process and do not skip steps. Notes and homework are an important part of the process. Using a shortcut, or cheating, could result in failing the course or not being prepared for your next math class.

#### **X. Daily Procedure**

1. Enter the classroom, get your calculator from the back wall, and sit in your seat before the bell rings.
2. Check the back board for the daily assignment and as soon as the bell rings, begin working on the assignment.
3. Continue to work on the assignment for the first 10-15 minutes of class. You will be working independently or as a group based on the assignment. I will be checking attendance, as well as homework assignments at this time.
4. We will come together as a group to complete the assignment, dive deeper into the standards, and work together to answer all questions.

\*\* Homework is a necessary part of learning math. I will do my best to keep the assignments small, but you must promise to try to complete all assignments to the best of your ability. As long as you are trying, I will make sure you pass this class. It takes effort to be successful and I will always expect you to buy into your education and do your absolute best!!!