Teacher   Mrs. Judy Stewart
Planning   3rd Block Planning
Email   judy.stewart@tcsedu.net
Room   UTC SS804
Phone   931-454-2620 (leave a message with the main office)

<u>**Course description**</u>: This course is a study of algebraic models, functions, graphs, linear relationships, linear relationships, matrices, linear systems, quadratic equations and functions, polynomial and polynomial functions, exponential and logarithmic functions, rational functions, quadratic relations and conic sections, sequence and series, probability and statistics, periodic functions and trigonometric identities and equations. Applications are emphasized with each topic.

<u>**Course prerequisite**</u>:   Algebra 1 Credit/Geometry Credit

<u>**Grading Scale**</u>:   **A** 100 – 93
                B 92 – 85
                C 84 – 76
                D 75 – 70
                F 69 & below

Grading: Averages are calculated by taking the total points earned by the students and dividing that total by the total points possible for that grading period. Final exam and/or TNReady test will also count as a percentage of the final average.

Daily Grades: Daily grades may include bell work, class work, or homework.
<u>Point range</u>: 5 – 20
Quiz Grades: Quizzes may be announced or unannounced.
<u>Point range</u>: 10 – 50
Test Grades: Tests are given about every 3 to 4 days.
<u>Point range</u>: 90 – 150
Notebook Tests: Notebook tests are given in place of notebook checks. Notebook checks will occur every 4 weeks.
<u>Point value</u>: 100

Notebook Requirements:
- You need 8 – 10 dividers
- Loose leaf notebook paper.
- Other instructions will be given in class as to the organization of the notebook.

Grading guidelines:
1. There will be one or more tests given per chapter/unit. Tests will range in point values between 90 – 100 points each. These tests are announced two or more days in advance.
2. Homework is assigned almost every night. Each homework assignment is worth 5 – 20 points. Homework is the primary source of review and practice for the tests. ***It is vitally important to your success in Algebra 2.***
3. Quizzes will be given randomly to check for concept understanding. Quizzes are unannounced and vary in point value. Quizzes are often in the form of an exit ticket. Weekly ACT/EOC assignments may count as quiz grades.
4. Each student is required to keep an Algebra 2 notebook. All notes, examples, homework, class work, quizzes, tests, bell work, and ACT/EOC review should be kept in the notebook. The notebook check will be given as a notebook test. ***The notebook test is unannounced so it is important to keep your notebook organized at all times and to bring it to class every day.*** Assignment sheets should also be kept in the front of your notebook.
5. At the end of the grading period, grades are calculated in the online grading program. Students and parents are encouraged to use the online grading program to see progress and final averages.
6. Students may receive special rewards (we will discuss in class). To receive these rewards students must meet the following criteria:
    -   Perfect attendance
    -   No tardies
    -   No check-in/No check-outs
    -   100% effort
    -   Good & respectful behavior

Make-up Policy: It is the student's responsibility to find out what he/she missed and to turn it in to the teacher within ***three*** days of the date of absence. In case of extended illness or special circumstances, special arrangements may be made for make-up work, but it is the ***student's responsibility*** to make such a request ***before or after class***. Late work may be accepted but the grade will most likely be lowered based on the number of days the assignment is late. Make-up tests will be made up before or after school (never during class time).

Math Fee: A math fee of $5 has been approved by the Tullahoma City School Board. The fee will help purchase extra supplies used in class. Although the fee is not mandatory, THS relies on the payment of these fees to help maintain adequate educational services.

Online Grades & Attendance: The online grade book program will be used in the class. It is available to students and parents/guardians to check grades and class period attendance and has 24-hour access. Access information will be sent home. Referring to the THS online grade/attendance is expected for identifying missing assignments, grades, and attendance. ***Students and parents should check Schoology often.*** Instructional materials are available upon request.

State Testing: The "Tennessee Ready" Algebra 2 test will be given during school in November/December for the fall and April/May for the spring. The score on the TNReady test will count a percentage of the student's average. Preparation for the test will be ongoing.

Attendance: *This is the most important factor in Algebra 2. When a student is absent, the content missed directly effects their ability to keep up with the material being taught. It is entirely up to the student to learn the missed material. Tutoring may be necessary.*

Tutoring: Please come and talk to me about available times for tutoring. Tutoring for the spring semester will most likely be Monday and Wednesday at 7:30 a.m. before school as I will be teaching Motlow dual enrollment classes at 6:55 a.m. on Tuesday and Thursday. No tutoring on Fridays or after school.

Backpacks: No backpacks are allowed in class. Students should bring textbook, notebook, pencil, and other supplies to class. ***Students will NOT be allowed to leave class to retrieve any items.*** Any backpack in the room will be placed in the hallway; no passes to lockers.

Cell Phones: Each student will be assigned a number for placement of cell phones in an organizer beside the door. I will use cell phone placement to check attendance. **Any cell phone seen or heard outside the organizer will be confiscated (NO EXCEPTIONS)**. No cell phones will be allowed outside of the cell phone organizer during class. Any cell phone seen, heard, or used after the tardy bell or before the dismissal bell will be confiscated and sent to the office with a referral. See the student handbook for consequences.

Procedures and/or Rules:

1. **Arrive to class early and be in your seat**, with materials out and ready to start class when the bell rings. If you are tardy, please enter the room quietly and place your excuse on my desk.
2. **No Cell Phones**. Can't have them!
3. **The teacher dismisses you not the bell**. (Do not pack up prior to the bell and no lining up at the door.)
4. **No food or drinks allowed in the classroom**. (Water bottles are allowed.)

5. **Be respectful!** Do NOT talk when the teacher is talking. Do NOT talk when a student is asking a question. Raise your hand if you have a question.
6. **No cheating.** I can't help you if I don't know what you truly don't know. Giving answers or help on quizzes and/or tests is also cheating. Please keep your papers covered. A zero will be given for the assignment or test in which the student has cheated on. If you get caught cheating, just own it.
7. **A student center is provided**. Paper, pencils, and other materials will be provided. Please return borrowed materials. Do NOT abuse this generosity. My supplies will eventually run out. This center is also where student work will be returned.
8. **Please take notes and copy examples**. If I write it, then you should write it.
9. Stay in your seat. If you need to get up, then please ask the teacher first.
10. **Please ask questions** (relevant to math) during the lesson so that you can understand the concept being taught.
11. **Sleeping in class will not be allowed**. (If you sleep, this will count as an absence and will be noted as such. I can't teach you if you are asleep.)
12. **Please do not throw anything**. (Safety reasons)
13. **Please do not use profanity or damage any property**.
14. Other **classroom procedures will be discussed during the first week of class.**
15. **School rules apply to this classroom too!**

<u>Supply List</u>:
Notebook – No smaller than 1.5" 3-ring binder
Dividers
Paper – college or wide rule
Pencils for homework, quizzes, and tests
Highlighter
Colored pens or colored pencils for taking notes only

Complete list of Standards:
https://www.tn.gov/content/dam/tn/education/standards/math/Standards_Support_Alg_II_Mathema tics.pdf

Course Outline:
    Week 1   Linear Equations
    Week 2   Linear Functions and Functions Operations
    Week 3   Systems
    Week 4   Factoring Review
    Week 5   Quadratic Equations
    Week 6   Quadratic Functions
    Week 7   Polynomial Functions

Week 8   **Exponents Review**
Week 9   **Exponential Functions**
Week 10   **Logarithmic Functions**
Week 11   **Sequence and Series**
Week 12   **Radical Functions**
Week 13   **Rational Exponents**
Week 14   **Rational Functions**
Week 15   **Probability**
Week 16   **Statistics**
Week 17   **Trigonometry**
Week 18   **Final Exam Review and Final Exam**

Teacher Comments and Commitment: I want all students and parents/guardians to understand that I am here to lead and coach students toward the successful completion of this course*. **I believe in students taking ownership of their learning as I take responsibility for the instruction, remediation, practice, and skill building.** I pledge to do everything I can to make sure every student is successful in this course. **All I ask is that the students attend school, be prepared every day, and realize that they are ultimately responsible for their own learning and their own success or their own failure.** We don't want failure to be an option.* <u>I will do my best and I ask students to do their best as well.</u>

Mrs. Judy Stewart
Parent/Guardian & Student Acknowledgement:

I have read and understand the information in the course syllabus provided by the teacher.

_____ _____
Parent/Guardian Signature   Date

_____ _____
Student Signature   Date

NOTE: The syllabus will also be posted online.