

Southeast High School 2024 – 2025
MATH II SYLLABUS

Teacher: Ms. Cheryl McKay	Classroom No. 2302	General Phone: 336-674-4300 Main Office	E-mail Address: MckayC@gcsnc.com	Tutorial: Tuesdays 8:00 - 9:00am
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Guilford County Final Exam – Math 2: 1st Semester – Jan. 22/23rd & 2nd Semester – June 10/11th

COURSE DESCRIPTION AND OUTLINE

Math II provides students the opportunity to study concepts of quadratics, systems, trigonometry, geometry, probability and modeling throughout the course.

<ul style="list-style-type: none">• Module 1: Quadratics Functions (2.5 weeks)• Module 2: Quadratics Equations (3 weeks)• Module 3: Radical Functions and Equations (2 weeks)• Module 4: Geometric Transformations (2 weeks)	<ul style="list-style-type: none">• Module 5: Congruency (1.5 weeks)• Module 6: Similarity (1.5 week)• Module 7: Right Triangle Trigonometry (2 weeks)• Module 8: Probability (2 weeks)
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REQUIRED MATERIALS

1. Pencil/eraser, Ballpoint Pen and Highlighter
2. 3-Ring Binder with folders for handouts
3. Spiral Notebook
4. Loose Leaf Paper
5. Graphing Calculator (TI-84 recommended)

ONLINE RESOURCES

This course will require periodic access to the following online resources and/or apps):

- Canvas/PowerSchool
- Delta Math
- Desmos
- Quizizz

GRADING POLICY

CATEGORY	PERCENTAGE	DESCRIPTION
MAJOR ASSESSMENTS Tests or Projects	55%	An exam will be administered after the completion of each unit, and at the end of the semester.
MINOR ASSESSMENTS Quizzes	25%	Quizzes will be given periodically to test students' understanding and application of previously learned topics. Quizzes can be unannounced or will be announced at least one or more days before they are administered.
CLASS WORK/HOMEWORK	20%	Class work will be assigned daily and must be submitted the same class meeting. Homework will be assigned daily and must be submitted by the next class meeting.

GUILFORD COUNTY GRADING SCALE:

The following grading scale will be used to determine quarter and semester grades:

A (90% - 100%) B (80% - 89%) C (70% - 79%) D (60% - 69%) F (Below 60%)

REQUIREMENTS FOR SUCCESSFUL COMPLETION OF THIS COURSE:

- Keep absences to a minimum
- Follow classroom instructions/discussions
- Take notes during class/keep an organized notebook
- Complete all assignments
- Seek help in class or attend tutorial sessions

CLASSROOM RULES/ACADEMIC EXPECTATIONS

For our class to function well as a team, we will have a set of class rules, consequences, and rewards. These guidelines will help to create an atmosphere that is conducive to small and large group discussions in which every student can be heard, and in which every student takes responsibility for their success in math. The following rules are posted in the classroom, and their importance will be revisited periodically:

1. Keep your hands, feet, and objects to yourself
2. Nothing goes airborne
3. Raise your hand and wait for permission to speak
4. Stay in your seat unless you have permission to do otherwise
5. Follow directions the first time they are given

Additionally, students will be expected to adhere to a set of expectations daily.

1. Students are expected to report to class on time and to begin working on the “warm-up” or “do now” when the tardy bell rings.
2. Students are expected to bring all books and materials to class AND take them with them when they leave.
3. Students are expected to treat each person in this room with dignity and respect.
4. Students are expected to participate in class activities and discussions.
5. Students are expected to put away all electronic devices for the entire period.

Finally, we will follow ALL procedures and Policies as outlines in the Guilford County Schools handbook.

SEHS ATTENDANCE POLICY

Southeast High School believes that student attendance is a predictor for student engagement and success in the school. With that understanding, Southeast High follows the GCS Board Policy concerning student attendance (Regulation 4400-R). This policy requires students to demonstrate mastery of their learning after each missed day (excused, unexcused, quarantine).

When a student misses instruction, they will be provided a meaningful opportunity to learn missed content via missing graded work, tests, instruction, etc. Upon returning from an absence, make-up learning must be completed within 2 school days plus the days missed (e.g. 3 days absent equates to 5 school days to complete missed learning) with the maximum amount of time being 15 school days. A student’s failure to complete the makeup learning after the teacher has made adequate effort to coordinate the makeup process with the student and a reasonable time has passed, the student’s zero will remain.

Attendance Interventions

Blocks Missed	Intervention
4 absences	<ol style="list-style-type: none">a. Teacher contacts parent (phone call, letter, email, or home visit).b. Teacher communicates outcome with students’ other teachersc. If needed, teacher follows up with data manager with working emails/numbers.d. School sends attendance letter
6 absences	<ol style="list-style-type: none">a. Teacher contacts parents, social worker, and counselorb. School sends attendance letter
8 absences	<ol style="list-style-type: none">a. Attendance Committee meets and, if needed, conference is scheduled with student and family to determine additional interventions.
10 absences	<ol style="list-style-type: none">a. School sends attendance letterb. Attendance Committee reviews interventions and determines next steps.

SEHS GRADE RECOVERY POLICY

A grade recovery option will be available to students who are failing the course at the end of 1st quarter (Fall semester) and 3rd quarter (Spring semester). Grade recovery provides failing students the opportunity to demonstrate proficiency on 1st/3rd quarter course standards to improve their quarter grade to a 60. The work assigned will be tailored to ensure that students can demonstrate proficiency on standards they have not yet mastered. Grade recovery is a 10-day window (5 days before end of quarter and 5 days after the end of the quarter) for students to complete the assigned work, attend tutorials, and any other teacher required remediation. If students do not participate in grade recovery in 1st or 3rd quarter, their earned numerical grade will remain. Students should work to show proficiency in 2nd and 4th quarters of their courses to improve their final grade as there will not be a grade recovery option at the end of each semester.

TARDY

A student is considered tardy to class if he/she is not in his/her assigned location when the tardy bell rings. If a student is late to school and has a written excuse from a parent, the student must first come to the attendance office to get a pass to class. If a student arrives late to school **without** a note but it is before 9:00am, the student should report directly to class. If the student arrives to school **after** 9:00 **without** a note, they **must** report to the attendance office.

- 1st – 2nd tardy – teacher warning, parent notification/conference and/or after school detention
- 3rd tardy – administrative referral, parent notification/conference and 1 day of lunch detention
- 4th tardy – administrative referral and ISS for that block
- 5th tardy and beyond – administrative referral, ISS and/or loss of campus driving privileges

*The tardy count restarts each quarter.

Students are not allowed to be out of the room the first ten minutes and the last ten minutes of each class.

ACADEMIC INTEGRITY

Academic honesty promotes:

- Being responsible for producing work that is your best effort
- Being respectful of the intellectual property of others
- Fostering positive relationships based on trust
- Being an accountable citizen for one's own actions.

BREAKING THE CODE OF CONDUCT

Collaborative learning in this class is accepted and encouraged. Students may work together during the designated times only. However, under no circumstances will students be allowed to copy or cheat from each other. It is expected that students will use genuine, sincere, and fair means for the accomplishment of the tests, homework, or class work assignments from which evaluations of progress shall be determined. Students found plagiarizing, copying or cheating in any way will receive automatic zeros and have phone calls made to their parents. Flagrant or repeated offenses will result in disciplinary action in accordance with GCS policy.

ELECTRONICS POLICY

FOR BATHROOM PASSES: Mobile phones must be turned into teacher and placed in the designated device holder, before approved use of a bathroom pass. Upon return to classroom, the device will be returned at that point.

Electronic devices (phones, tablets, Air Pods, game systems, etc.) should not be brought to school. Students who bring these items to school do so at their own risk. The school will take no responsibility for these items while students are on campus. Consequences can be but are not limited to the following:

1st offense: student is asked to put item away

2nd offense: faculty takes item and keeps until end of class period then returns to student

3rd offense: faculty takes item and turns in to grade level administrator

Items confiscated will remain with the grade level administrator until a parent comes to school to retrieve.

Refusal to surrender item to staff will result in administrative discipline-referral consequences.

If an electronic device is accessed during a test or quiz the automatic grade is a **zero**.

CONSEQUENCES

If a student chooses to break a rule, the following set of consequences will be used:

1. Warning
2. Teacher-Student Conference and/or "Think Sheet"
3. Phone call home and/or "Action Plan"
4. Discipline Referral

There may be situations that call for more serious action or immediate attention; in such cases some steps may be skipped.

REWARDS

There is also a set of **rewards** that will be used if students **are** following the classroom rules.

1. Praise
2. Whole class music time (earbuds only)
3. "No Homework" Pass

Classroom Procedures

The following is a list of routines and procedures that will be in place in this classroom. All routines and procedures are necessary to ensure an **efficient** use of our time so that we can all get the best out of this school year.

ENTERING THE CLASSROOM

Upon entering the classroom, students should retrieve their supplies (notebook, pencil, and calculator), take a seat at their assigned seat, and immediately begin the warm-up. Students will have approximately 5 - 10 minutes to complete the warm-up

WORK TIME

We will follow the following sample work schedule every day in class (with modifications):

- Energizer/Do-Now (10 min)
- Review/Grade Homework (10 min)
- Direct Instruction (25 min)
- Guided Practice (10 min)
- Independent Practice (30 min)
- Closing/Homework Assignment/Class Maintenance (5 min)

ENERGIZER/DO-NOW

This is used at the beginning of class to get the students ready for the day's lesson. There shouldn't be any talking during the warm-up. The warm-up will last for approximately 5 - 10 minutes of each class period.

REVIEW/GRADE HOMEWORK

During this time of the period, we will review and grade the previous lesson's homework, address any misconceptions, and/or re-teach. Students will grade their own papers using a pen (not a pencil).

DIRECT INSTRUCTION/GUIDED PRACTICE

The focus of the class will be to teach the students new content. Students are expected to listen, pay attention, and take notes on the topic in their binders (loose-leaf paper) or spiral notebooks. Notebooks will be checked periodically.

INDEPENDENT PRACTICE

This is where students demonstrate understanding of the lesson. Students should be able to work fairly and independently, with little input or assistance from the teacher. Students may be in small groups or pairs if appropriate to the assignment.

HOMEWORK ASSIGNMENT

Homework is to be expected daily and is due at the beginning of the next class, to be graded on completeness and correctness. Students should carefully write out their process in solving each problem. **ANSWERS ONLY WILL NOT BE ACCEPTED.** The submission of late work will be penalized with a ½ grade credit per day. (Ex. 1-day late – 50% credit, 2-days late – 25% credit, 3 – days late – Not accepted for submission). Homework will be self-corrected at the beginning of each class period or collected by the teacher.

I expect students to complete homework assignments in the following manner:

1. Attempt every problem assigned. Don't give up the first time it seems hard!
2. Go back and re-work the odd problems you missed **WITHOUT** copying from the book or online resources!

WHEN YOU NEED HELP

- Ask questions in class and/or ask a peer for help.
- Stay for scheduled tutorial sessions – Tuesdays from 8:00 - 9:00 am. (Students may make an appointment when possible.)
- E-mail me at MckayC@gcsnc.com.