

Mathematics II Honors

Mrs. Hohman – Room 214

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Welcome to Mathematics II Honors! I am looking forward to this coming year and I hope you are also.

This year I am holding you and myself to high expectations. Math II is second in a series of integrated mathematics. Math II provides students with more in-depth knowledge of algebra, as well as geometry topics. Students will also extend their knowledge of various functions and probability. Applications and modeling will be included throughout the course of study. Appropriate technology including calculators and applications software will be used regularly for instruction and assessment. Mathematics II Honors addresses topics at a more comprehensive level. Additional topics, seminars, and projects with real world applications are included.

Syllabus

First Quarter	Second Quarter	Third Quarter	Fourth Quarter
Rational and Irrational Numbers	Powers, Roots, and Radicals	Lines and Angles Triangle Theorems	Introduction to Probability
Operations with Polynomials	Function Operations		Review NC Final Exam
Linear Functions	Square Root and Cube Root Functions	Triangle Congruence Coordinate Geometry	
Quadratic Functions	Radical Equations	Transformations	
	Direct, Inverse, and Joint Variation	Similar Figures (Dilations)	
	Rational Equations	Right Triangles	
	Linear/Non-Linear Systems		

Rules

1. Be on time, on task and prepared to learn everyday
2. Respect the teacher, the classroom, other students, and yourself
3. Take responsibility for your own learning
4. Clean up after yourself and your peers
5. Keep all personal electronics put away

Discipline Plan

My discipline plan will follow the “6 Expectations of Terry Sanford High School”. They generally consist of the following:

- 1st time...warning/conference with student.
- 2nd time...contact parent.
- 3rd time...contact parent and lunch detention.
- 4th time...contact parent and after school detention.
- 5th time...inform parent of referral to administration.

Materials Required

Spiral Notebook (at least 150 pages)
Or 3 Ring Binder
Loose-leaf paper

Personal Device*

**Your device is to be used for educational purposes only and at designated times. Any other use is grounds for collection of device.*

Pencils**
Colored Pencils**
Markers**

TI-84 Plus (provided in class)

***These items are only required if you do not want to use the class set.*

Grading Policy

Homework/Classwork	30%
Quizzes	30%
Tests	40%

Final Grade Policy

Midterm Average	40%
Second Term Average	40%
Final Exam	20%

There will be at least two tests and four quizzes per quarter.

Tutoring is available Tuesday 7:30 – 8:15 am and Thursday 3:45 – 4:30 pm or after school by appointment.

Make-up work: It is the student’s responsibility to get work and notes missed due to an excused absence. Excused absences include doctor’s appointments (must turn in a doctor’s note), school approved field trips, or funeral. If a student plans to be absent for any other reason, they need to arrange to get their work ahead of time so that they can turn it in the day they return. Assignments and notes will be posted on Google Classroom. Any handouts will be located in the student’s class folder. Students have 3 school days to turn in make-up work.

Please encourage your students to be responsible for his/her learning. Attendance, class participation, completion of assignments and daily study is a must. I am here to help. Please do not hesitate to contact me at any time. Please sign below to indicate your understanding and support of the classroom system.

Anything I should know about your child:

By signing this syllabus you thoroughly read and understand the expectations laid out in this document and agree to comply with the rules and regulations of this classroom:

Students Name _____ Date _____

Student Signature _____

Parent/Guardian Name _____ Date _____

Parent/Guardian Signature: _____

Parent/Guardian Phone Number & Email:
