



## Course Syllabus for Math III

Instructor: Ms. Tammy Allen

Information: Room Number: 349  
email: [tallen@asheboro.k12.nc.us](mailto:tallen@asheboro.k12.nc.us)

Planning: Ms. Allen: M-F 10:09 am – 11:39 am

**Course Description:** Mathematics 3 continues students' study of topics from algebra, geometry, and statistics in a problem-centered, connected approach. Functions and the deductive methods of proof with geometric concepts are the principle topics of study. Students will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relationships and use those representations to solve problems. Appropriate technology, from manipulatives to calculators, should be used regularly for instruction and assessment.

**Units of Study:** Unit 1: Functions  
Unit 2: Exponential and Log Functions  
Unit 3: Polynomial Functions  
Unit 4: Modeling with Geometry  
Unit 5: Rational Functions  
Unit 6: Circles and Triangle Centers  
Unit 7: Trigonometric Functions  
Unit 8: Statistics

### **Classroom Expectations:**

- The 5 P's: Be Prompt, Be Prepared, Be Productive, Be Polite and Be Positive
- It is an expectation that each student will maximize their learning by working to their full potential.
- Students should follow the Asheboro City Schools Student Code of Conduct found on the Asheboro High School's webpage under the tab "our school"
- You are expected to be in your seat with your warm-up on your desk and working when the bell rings.

**Assessments:** Quizzes of varying length will be given throughout the course and may be announced or unannounced. Students will also be expected to complete daily work both individually and in a group setting. It is essential that students communicate their thought process by showing all necessary work. The correct answer is not enough for the teacher to ensure mastery of content.

**Tutoring:** The tutoring schedule and bus schedule for tutoring will be posted in the classroom soon.

**Evaluation:** Your nine weeks grade in this class will be based on the following:

<b>Nine Weeks Grade – Math 3</b>		<b>Nine Weeks Grade – Honors Math 3</b>	
Tests	40%	Tests	50%
Quizzes/Projects	30%	Quizzes/Projects	30%
Classwork/Homework	30 %	Classwork/Homework	20%

**Grading Policy:** It is our goal to base each student’s grade on their performance and mastery of the standard that is to be learned. Unless stated in a rubric for a project, late work will be deducted 10 points per day and must be handed directly to the teacher with “yellow sheet” attached. If student is absent, student will have two days to make up missing work; unless project was previously assigned. Students are responsible for obtaining work when absent from other students or teacher upon returning back to classroom.

*Some assignments may be graded by rubrics, which will detail the grading for that assignment.*

**Tests Corrections:** Corrections will be allowed on Unit Test for half credit due 3 days after test is handed back to student. No test corrections are allowed for quizzes.

**Vocabulary/Unit Questions:** Each unit will have vocabulary and/or unit questions on Canvas that will be due on Unit Test day. This assignment will count as a quiz grade. There will not be any corrections on this assignment. However, all answers to vocabulary and questions will be discussed in class. You may also complete them on your own, using your own research. Your answers must be in your own words and in your own handwriting. (Do not use a computer to turn in your assignment.) Plagiarizing from the internet or another student will result in a zero. The purpose of this assignment is for you to understand the lesson/content.

**Materials Needed:** Each student will need a three ring binder for worksheets and warm-ups, pencils, and a graphing calculator for class each day. Graphing calculators will be provided for students in the classroom. If a student wants to purchase a calculator for personal use, the TI-84 is recommended.

**Closing:** It is our goal for each student to grow academically, personally, and professionally. Please encourage your child to come to class regularly, be engaged while attending, seek necessary help to be successful, and spend time outside of the classroom preparing for Math III.

Thank you for ALL you do and supporting your child throughout their high school years.

If you have any questions or concerns, please feel free to contact me.

Regards,



Tammy W. Allen  
Mathematics Department  
M. Ed. Mathematics Education  
Asheboro High School  
336.625.6185

Please sign below and return to acknowledge receipt of Course Syllabus.

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Student Printed Name

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Student Signature

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Parent Printed Name

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Parent Signature

Also, at times throughout the semester it could be necessary that I contact you by email for assignments, absences, etc. Please indicate the email address or phone number that would be best to maintain contact.

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Parent email and/or phone number