

# Course Overview

The intent of this course is to prepare students to study Calculus next year. Trigonometric concepts from Geometry will be reviewed before continuing into the investigation of trigonometric identities. The following topics will also be covered throughout the year:

## Functions

Polynomial

Rational

Exponential & Logarithmic

Conic Sections

Systems of Equations & Inequalities

Matrices & Determinants

Sequences & Series

Probability

There will also be significant emphasis placed on student explorations and problem solving applications.

Additional topics and resources can be found online at [college.hmco.com](http://college.hmco.com)

# HOW TO CONTACT ME

## Extra Help Available

Before School

1st period

10th period

After School by appointment.

## How to Reach Me

(440) 779-8799

7AM - 8:30 AM

3:05PM - 3:30PM

Email:

[Janet.Drake@nocseagles.org](mailto:Janet.Drake@nocseagles.org)



Ms. Drake

Algebra &  
Trigonometry



# Course Guidelines

## SUPPLY LIST

### Class Expectations

- Come to class prepared with all materials
- Be in the room when the bell rings (Tardiness earns a detention)
- Have homework completed and checked
- Act responsibly and treat others with respect
- Raise hand to ask/answer a question or to request permission to leave seat
- Record all assignments in Student Handbook
- Remember that all rules in the student handbook apply

### Consequences

May include any of the following

- Warning
- Talk with me after class
- 7:15 AM detention
- Phone call home
- Discipline referral
- Removal from class

### Hall Passes

- Given only during homework time
- Not during last 5 min of class
- Must have student handbook

### Assignments/Grading Policy

#### Tests ( 50% )

- Given at the end of each chapter.
- Review questions will be assigned before each test.

#### Quizzes ( 30% )

- There will be 1-2 quizzes per chapter
- Review problems will be posted online
- Usually 15 pts.
- Notebook Check at end of each quarter (25 pts)
- Extra credit given with quizzes (must be present the day of the quiz)

#### Homework ( 20% )

- Everyone starts with 100 pts.
- Will be checked daily for completeness
- 10 pts deducted for missed assignments
- No late work accepted
- Use available class time to begin assignments

### Make-up Work

It is your responsibility to get any missed assignments and to turn them in according to the guidelines in the student handbook. Please remember that if you are absent due to a field trip, **all** work is due when you return.

I understand that unexpected things occur. In these cases, please speak with me **ahead of time** to make alternate arrangements

Grades are assigned according to the scale in the handbook

Students are responsible for keeping track of their grades.

**\*\*\* Please Note: The above guidelines are not meant to be all encompassing. As the year progresses, there may be a need for additional assignments or modifications to expectations.**

### Required

Scientific Calculator  
3 Ring Binder w/ dividers  
Loose leaf notebook paper  
Pencils  
Pens ( blue or black **only** )  
Erasers  
Book cover  
Box of tissues

### Suggested

Small 3-hole punch  
Notebook pencil pouch

