



**New Canaan High School**  
**11 Farm Road**  
**New Canaan, CT 06840**

*Mathematics*  
*M2 PreCalculus*

*Kathryn Marhefki*

*(203)594-4600*  
*kathryn.marhefki@ncps-k12.org*  
*@Mathefki*

**Term:** 2019-2020

**Extra Help:** Mondays, Wednesdays 2:05-2:40. Appointments are recommended.

**Course Description:** This course introduces the concepts of trigonometry and analytic geometry. Students will study functions and transformations, circular and periodic functions, the laws of sine and cosine, polynomial and rational functions (with an introduction to limits), exponential and logarithmic functions, vectors, conic sections, and matrices.

**Materials:** Notebook or binder, Graphing calculator (TI- 83, 84, 84+, 84+C, 84+CE) graph paper, highlighters, pencils and erasers

**Homework:** Homework is assigned every day with a purpose. Each problem is specifically chosen to reinforce what is being taught during class periods.

Homework will be checked daily on a 2 point-scale, 2 for everything, 1 for half to most, and 0 for anything less than half done.

If a student is absent it is the student's responsibility to get class notes and complete the homework within a reasonable amount of time.

No other late homework will be accepted.

**Assessment Overview:** Tests (60 - 100 points per test)  
Quizzes (25 - 45 points per quiz)

The number of points on a quiz or test will depend on the number of questions and difficulty of the material.

Unverified absences on a day of an assessment will result in a zero for that assessment.

*Responsible. Accountable. Motivated. Strong.*



**New Canaan High School**  
**11 Farm Road**  
**New Canaan, CT 06840**

---

**Mathematics**  
**M2 PreCalculus**

**Kathryn Marhefki**

**(203)594-4600**  
**kathryn.marhefki@ncps-k12.org**  
**@Mathefki**

**Assignment**  
**Expectations:**  
**(late, makeup,**  
**etc.)**

Make up homework or assessments allowed for verified absences only.

Students who qualify for extended time through an IEP or a Section 504 Plan need to finish assessments on the same day they are given during a free period or after school. It is the student's responsibility to make these arrangements with the teacher at least one day prior to the assessment. Exceptions can be made for extenuating circumstances.

Academic dishonesty is a serious breach in trust and will result in imposition of penalties as appropriate to the situation.

**Classroom**  
**Expectations:**

- Be Prompt
- Be Prepared
- Be Positive
- Be Productive
- Be Polite

**Textbook:** *McDougal Littell Houghton Mifflin's Advanced Mathematics.*

***Responsible. Accountable. Motivated. Strong.***