

# **Math 423 Course Outline 2017-2018**

Scarsdale High School  
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## **Course Description (From SHS Course Catalog):**

Topics in this advanced course include rational expressions, probability, logic, formal plane geometric proofs, and Euclidean, analytic, solid, and circle geometry.

*Prerequisite: teacher recommendation*

## **Textbooks:**

*Integrated Mathematics Course 2* by Bumby (ISBN: 0-02-824906-2)

*Geometry* by Jurgenson (ISBN: 0-395-97727-4)

**Materials:** All supplies must be present in class on a daily basis.

- 3-ring binder with dividers to organize—Notes, Homework, Quizzes, Tests, Review
- Loose leaf paper
- Pencils and erasers
- Highlighters (3 colors)
- Scientific calculator (TI-30IIXS)
- Ruler

**Notebook:** Students are expected to keep a neat, organized notebook throughout the year. Notebooks should be set up in the suggested format above. Each new day of notes as well as homework must start on a new page with an appropriate heading. Notebooks may be checked periodically for a quiz grade.

## **Attendance:**

To do well in Math 423 you should not allow yourself to fall behind. When you are absent you must check my website, get the notes from a friend, and see me about any new topics that were covered that you do not understand. If you missed a test, quiz, homework, or activity, it is *your* responsibility to make up the assignment. Check the “Attendance Binder” or see me as soon as you get back (not during class time but during a free period or after school) to set up a time to make-up the missed work.

## **Grading Policy:**

50% Tests

35% Quizzes/Graded Classwork

15% Homework and Participation

## **Homework Assignments:**

- All assignments are due at the beginning of the period on the due date.
- Late homework assignments will not be accepted yet it is recommended that you still complete the missed assignment to check your understanding.
- Homework assignments will typically be given no credit, half credit, or full credit based on effort and the quality of the work that is shown. Homework assignments may be collected and graded on occasion.

## **Tests/Quizzes:**

- Tests will be announced and quizzes may or may not be announced.
- Mercy Rule: If you have 3 or more tests scheduled for the same day, you have the right to ask for the last test to be rescheduled for the next school day. If this is the case, please speak with me in advance so arrangements can be made.

**Midterm and Final Exams:**

A midterm exam will be given in class at the end of the second quarter and it will cover all lessons from the first and second quarter. The final exam will be given during finals week at the end of the year and will cover all lessons from the entire school year. The midterm will count as two test grades for the second quarter. The final exam will count for either 15% or 20% of the final course grade, depending on which is in the best interest of the student.

**Academic Integrity:**

It is my hope that throughout high school you learn not only mathematical facts but you grow to appreciate learning and the value of obtaining knowledge. I encourage you to take risks, make mistakes, and grow as a student. I respect student collaboration and love when students work together on homework assignments in a productive manner. Throughout the year I will be trusting that you respect the integrity of this course and avoid any temptation to cheat. Some examples of cheating are copying someone's homework, allowing someone to copy your homework, asking someone what was on a test/quiz, telling someone was on a test/quiz, copying answers to homework from the back of a text book, copying from someone during a test/quiz, allowing someone to copy from you during a test/quiz, using a calculator when told not to do so, using any form of prohibited technology during a test/quiz/assignment, and communicating with another student during a test/quiz using technology. These are examples but I recognize that there are other forms of cheating that I may not have listed. I expect you to avoid any of these as well. In the event that a student is involved in a situation where academic integrity has been compromised, I will refer to the school policy and notify administration.

**Extra Help:**

I am available for extra help during my free periods which are posted outside of my office. If these periods do not work for you, please see me to make an appointment after school. The Math Center, room 217, is also a great resource for extra help. Throughout the year I will provide several reliable websites that you may find helpful as well.

**Classroom Behavior:**

Students are expected to be respectful to the classroom environment, including teachers and fellow peers. Name-calling, bullying, and foul language will not be tolerated. Cell phones and electronic devices (other than your calculator) may not be used during class, and should be kept away, unless in an emergency.

**Communication:** If you have any questions or concerns, please feel free to contact me by phone or email.

**Signatures:** Please sign below stating that you have read and understand all of the policies and procedures for this course.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please return this signed outline to Mrs. Pulford no later than Friday September 8, 2017. Students will be given an additional copy of this outline for their notebook.