



Mr. Nobilio
Steinert High School
2020-2021 Honors Algebra II
Email: jnobilio@htsdnj.org

Hello,

Hello! My name is James Nobilio and I will be your child's mathematics teacher this year. I graduated from Rider University with a B.A. in Secondary Education and Mathematics, along with a certification in technology. Throughout the year I will also be posting grades on Power School on a regular basis to help you keep track of your child's grade. Extra help is available virtually to all students after school at your child's request.

I will be assigning a google form within the first few days of school in order to get some contact and background information for each student and their parent(s)/guardian(s). I would very much appreciate it if you would fill it out.

I am very excited to be teaching your child at Steinert High School this year. Please feel free to contact me if you have any questions or concerns. I can best be reached by email at jnobilio@htsdnj.org.

Regards,

Mr. James Nobilio

Materials: Currently, all students will be given a log in information for the virtual textbook *Algebra 2: Common Core*. This will be used as an additional resource for students. When we are able to, I will hand out a hard copy of the textbook to any student who requests one. The hard copies of the textbooks are to be returned at the end of the school year.

The following materials must be ready for each day:

- **Paper, Pencils with erasers, and a calculator (preferably one that graphs).**

Classroom Rules:

1. Students are to be **RESPECTFUL** to all persons in the classroom.
2. Students are to be **READY** as soon as they enter the classroom by being on time, with their homework on their desk, and prepared with all appropriate class materials.
3. Students are **RESPONSIBLE** for maintaining a positive classroom culture and putting forth their best effort on all assignments and activities.

Classroom Expectation:

We will be successful together by working our hardest for the entire class, trying our best on all assignments, and asking questions to improve understanding.

Please refer to Online Conduct Code and Dress Code for more information

Mr. Nobilio Online Conduct Code and Dress Code

Online Code of Conduct



Respectful Communication

- Follow all school acceptable use policies for technology resources. This means no screenshots or recording are allowed during Google Meet sessions, and no images or videos may be posted anywhere outside of the school system.
- Be respectful of your classmates and teachers. Allow others to speak, invite others to share, and respect others' ideas.
- Keep your image "live" during class sessions. It is important to make eye contact into your camera to demonstrate your commitment to learning to your classmates and teacher. Do not turn off your Video, and keep it fully focused on you at all times.
- Do not change your name or use Virtual Backgrounds. Virtual Backgrounds can be fun, but they can interfere with your computer's processing speed and can be distracting to other learners.

Microphone Awareness

- Microphones are almost always on. Remember that your classmates and teacher can hear noises in your environment such as whispering, chewing, sneezing, and tapping your pen or pencil, etc. so please keep distractions to a minimum or mute your microphone.

General Online Etiquette

- Avoid side conversations and multitasking.
- Save your meals and snacks for between your classes; eating during class is generally frowned upon, and being in a virtual classroom is no different.
- When in doubt, pretend you are in a regular academic classroom and put your best virtual foot forward!

Recommended Dress Code

While there is no official dress code for Virtual School, students are expected to be respectful of the virtual classroom environment in Google Meet classes with suggested dress similar to the following guidelines for casual dress.

Clothing that is appropriate for the virtual classroom: polo shirts, button-down shirts, blouses, t-shirts, sweatshirts, or sleeveless dresses or shirts with straps no less than 3" wide.

Clothing that is inappropriate for the virtual classroom: hats, shirts with offensive logos or messages, ripped or torn clothing, pajamas. If you are wearing a hooded sweatshirt, make sure the hood is down.

Academic Honesty:

Any cheating is unacceptable and will result in a zero on that assignment. If two students were involved in the incident, both will receive the same consequence. Cheating includes the following:

1. Copying others' homework or classwork assignments.
2. Talking during quizzes, tests, or other individual assignments.
3. Sharing and/or copying answers during individual assessments.
4. Having notes or other study materials open during an assessment.

Grading Policy: Grades will be calculated using summative, formative, and individual assessments. All assessments within these categories will be graded on a points scale (points received/total points).

- **50% - Summative Assessments:** This includes Tests, Projects, and The Algebra 2 Assessment
- **40% - Formative Assessments:** This includes quizzes, and partner practices.
- **10% - Individual:** This includes Homework. Homework assignments will be assigned on a nightly basis and due prior to each students class period. I will do my best to assign no more than 40 minutes of homework a day. All assignments will be posted on my Google Classroom. There are two different formats in which I will be assigning homeworks. Either a PDF of a worksheet/questions or a Google Form. Each of these formats will be graded on a 4 point scale. Homework will be reviewed every class. Below are the grading rubrics I will be using when grading your homework assignments. Students will receive a 1 point penalty for each day that the homework assignmt is late.



- A PDF of a worksheet/questions: In order for students to receive credit, these assignments must be scanned an uploaded onto google classroom. You can either print out the worksheet, or write your work for each question on lined paper.

Points:	4-points	3-points	2-point	1-points	0-points
	Greater than 95% of assigned problems are attempted, work is shown for all problems that require work, and it is clear that a strong effort was made at all of the problems attempted.	Between 95% and 75% of assigned problems are attempted, work is shown for all problems that require work, and it is clear that a strong effort was made at all of the problems attempted.	Between 74% and 50% of assigned problems are attempted, work is shown for all problems that require work, and it is clear that a strong effort was made at all of the problems attempted.	Between 49% and 25% of assigned problems are attempted, work is shown for all problems that require work, and it is clear that a strong effort was made at all of the problems attempted.	Less than 25% of the assigned problems were attempted; or no work is shown; or effort is not shown.

- A Google Form: In order for students to receive credit, these assignments must be submitted with their own email.

Points:	4-points	3-points	2-point	1-points	0-points
	Score on the Google Form is higher than an 79%	Score on the Google Form is between 78% and 64%	Score on the Google Form is between 63% and 49%	Score on the Google Form is between 48% and 35%	Score on the Google Form is less than an 35%.

Final Average Breakdown:

MP 1 grade: 25%	MP 2 grade: 25%	MP 3 grade: 25%	MP 4 grade: 25%
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Course Description:

Algebra II includes a study of the real number system; first-degree equations and inequalities; polynomial functions including higher order equations and inequalities; rational algebraic expressions and fractional equations; complex numbers; functions; logarithms; problem-solving techniques; applications of algebra in the areas of data analysis; probability; sequences and series; trigonometry.

Curriculum Outline: The following units of study will be covered throughout the school year.

- Unit 1: Linear Programming and Three-Variable Systems
- Unit 2: Matrices
- Unit 3: Graphing and Writing Parent Functions
- Unit 4: Graphing/Writing/Applying Quadratic Functions
- Unit 5: Factoring and Solving Polynomials, and Complex Numbers
- Unit 6: Polynomial Functions, Polynomial Division and its Applications
- Unit 7: Variation, Rational Operations and Equations
- Unit 8: Graphing/Writing Rational Functions
- Unit 9: Radical Expressions/Equations
- Unit 10: Function Operations/Inverses, Graphing Radical Functions
- Unit 11: Exponential Models, Logarithms, Exp/Log Equations/Graphs
- Unit 12: Arithmetic/Geometric Sequences and Series
- Unit 13: Statistics
- Unit 14: Counting and Probability
- Unit 15: Right Triangle Trigonometry
- Unit 16: Conic Sections
- Additional Topics that may be covered: Graphing Trigonometric Functions; Simplifying/Verifying Trigonometric Identities

Happy Face Math

