Dear Parents and Students,

Welcome to Mathematics of Finance! I look forward to helping your student have a successful year. Enclosed you will find the syllabus for the class. It contains some rules, policies, and the list of standards that your student will learn in this class. Please review this letter and the syllabus with your child.

I view this class as a partnership between student, parent, and teacher. As the teacher, I will provide your child with the opportunity to learn the math contained in the standards, as well as a welcoming environment in which to ask questions.

As a parent, I hope that you will keep tabs on your child’s progress in the class. Our school provides a number of ways for you to know how your child is doing in class. Please sign up for Power School access by contacting Mrs. Flint our information specialist. This will allow you to view your child’s grade and class assignments in real time. Also, please feel free to contact me at any time about your child’s progress. Email is usually the best way to contact me. Finally, please talk to your child if you have a concern. They may know the answer or have already talked to me about that failed test or missing assignment. With all these different tools at your disposal, the final quarter, semester grades, and yearly grades should come as no surprise to anyone.

Students, your success is up to you. Please let me and your parents know if there is something we can do to help you be more successful (move your seat, extension on an assignment, etc.). It is extremely important that you ask questions in and out of class if you don’t understand a concept. The course will move quickly, and you don’t want to be left behind. Ask questions! Attend math tutorials when they are offered! If you are absent, you can find information about what you missed when you return to school. There will also be information on the class website which will be functional in a few weeks. I will be posting class notes and assignments in the calendar section. If you miss a worksheet you can find it in the absent folder located in the classroom or there will sometimes be an attachment on the website. I want you to learn math, and to like math. Let me know how I can help you.

I look forward to working with you all. Please feel free to contact me at anytime.

Sincerely,

Morgan Osterhouse

Islands High School

Mathematics Teacher

(912) 395-2000 ext. 107

morgan.osterhouse@sccpss.com

## Information Sheet

## Student Information

Name:

Age: Grade: Student School ID Number:

Medical Problems I Should Be Aware Of:

Other information that you feel would be helpful to me in working with your child.

## Parent/Guardian Information

Name: Relationship to Student:

Please **CIRCLE** the BEST WAY FOR ME TO CONTACT YOU.

Home Phone: Work Phone:

Cell Phone: Email Address:

Name: Relationship to Student:

Please **CIRCLE** the BEST WAY FOR ME TO CONTACT YOU.

Home Phone: Work Phone:

Cell Phone: Email Address:

I have received a copy of the class syllabus, parent information letter, and I have accurately completed this information form.

Parent Signature: Date:

Student Signature: Date:

Materials:

1. Calculator (options listed below)
   1. TI-30XS Multiview (can be used on EOCT)
   2. TI -84 Plus (may not be used on EOCT but will be helpful in class and used later on in college)
2. Colored Pencils (makes graphing a lot easier and color coded notes help you remember more)
3. Pencils
4. 3-Ring Binder
5. Dividers
6. Spiral Bond Notebook – Math Journal

Rules:

1. Be Respectful at all times.
2. Come to class prepared.
3. NO Food or Drinks except water
4. NO Electronic devices may be visible in class unless permission is given. Not even for calculator use, you need your own calculator.

Being Prepared for Class:

All students are expected to come to class everyday ready to learn. That means you arrive before the tardy bell rings and bring all materials to class. Things you should bring to class everyday:

1. Your Textbook
2. A pencil (not a pen, this is math class we use pencils)
3. A Calculator
4. Your Notebook, which consists of:
   1. Paper
   2. Spiral bond – math journal

Grading Policy:

Savannah Chatham County School District Policy states that Class Assignments, homework assignments, group participation, including make-up work constitutes 40% of the grade. Quizzes and tests, including nine-week tests and semester tests constitute 60% of the grade. Parents will be able to check grades online at Power School. 90-100% is an A; 80-89% is a B; 70-79% is a C; below 69% is an F.

Late Work:

Students should strive to have their work completed on time before entering class. Work is due at the beginning of the class period. Assignments that are late will not receive full credit. It is **the student’s** responsibility to obtain the homework assignments, notes & any other pertinent information that is missed during an absence. If a student is absent, that student will have the number of school days he/she was absent to complete the missed assignment(s).

Mathematics of Finance

Course Description and Overview:

This course concentrates on the mathematics necessary to understand and make informed decisions related to personal finance. The mathematics in the course will be based on many topics in prior courses; however, the specific applications will extend the student’s understanding of when and how to use these topics.

Numbers and Operations

Students will explore the applications of ratios, proportions, and percents in financial situations.

Algebra

Students will explore the applications of functions, their characteristics, their use in modeling and matrices for solving problems in financial situations.

Geometry

Students will use geometry to explore real-world applications including, but not limited to, floor plans, square footage, models of furniture arrangements, trip planning, and accident investigations.

Data Analysis and Statistics

Students will explore representations and models of data as tools in the decision making process of finance.