

Algebra 2 Honors

Dear Students and Parents/Guardians,

It is with great pleasure that I welcome you to learn Algebra 1 Honors at Florida SouthWestern Collegiate High School.

My name is Dawn Nolan and I am a teacher, a wife to Jim Nolan and a mother of seven, Josh, 17, Alan, 15, Eddie, 11, Betty, 9, Bobby, 7, Annie, 5, and Lucy, 3. I grew up nearby, graduating from Bishop Verot High School, then attending Dartmouth College where I majored in both Applied Math and Music. From there, I went on the Northeastern University and earned a Master of Business Administration as well as a Master of Science in Accounting degree. Since that time, I have earned credits for my teaching certificate at various institutions and have completed 15 credit hours of graduate work in Mathematics at the University of Central Florida.

My career began as an accountant for Ernst & Young in New Orleans, but I was quickly called to teaching. I've taught numerous levels of Algebra, AP Calculus, Geometry, Personal, Social, and Family Relationships, Freshman Success, and Chorus at the high school level as well as Math, Science, and Technology at the middle school level. This will be my 18th year in the classroom and I look forward to the yearly challenge of growing as a teacher and enhancing student success.

My expectations are high. I know not everyone begins high school with the same skills. I plan to train students to form good habits and take pride in their work. Then learning and challenging students to think becomes the focus. I will provide students with the framework and know that if they do what I ask of them, they will succeed. I certainly hope each student chooses success for himself or herself by completing the required work and asking for help as needed.

I encourage students and parents to become involved here at Florida Southwestern Collegiate High School. This is your school and you can mold it into the community you would like it to be. Get involved in extra-curricular activities, be they here at Florida SouthWestern or elsewhere in the community. Be stewards of this institution and reward your parents, your community, and yourselves by being your best selves.

Remember that it is a privilege to attend Florida SouthWestern Collegiate High School. This year will be challenging and rewarding. I hope you are looking forward to it as much as I am.

Sincerely,

Dawn M Nolan

Mrs. Dawn Nolan

Algebra 2 Honors

Course Description (from CPALMS, edited): Building on their work in Algebra 1 with linear, quadratic, and exponential functions, students will extend their repertoire of functions to include polynomial, rational, and radical functions. Students will work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. The critical areas for this course, organized into four units, are as follows:

Unit 1- Polynomial, Rational, and Radical Relationships

Unit 2- Trigonometric Functions

Unit 3- Modeling with Functions

Unit 4- Inferences and Conclusions from Data

Unit 5- Applications of Probability

Students will learn to use MathXL and Study Island to complete assignments and assessments and enhance their understanding of concepts with step by step examples, lessons, and videos. Time management skills, cooperative work, independent learning, test taking skills and application of the same skills to multiple types of functions are practiced extensively.

Grading:

Each assignment or assessment will be assigned a point value and students will earn a grade based on the percentage of points earned as follows:

Grade point averages are based on semester grades, which are earned as follows:

	Semester 1:	Semester 2:
A = 90% - 100%		
B = 80% - 89%	35% Quarter 1	35% Quarter 3
C = 70% - 79%	35% Quarter 2	35% Quarter 4
D = 60%-69%	30% End of Course Exam	30% End of Course Exam
F = below 60%	(taken in May)	(taken in May)

Points will be earned on such items as tests, quizzes, homework, notes, and class participation. Each day that an assignment is late, the maximum number of points which can be earned on the assignment will decline by a letter grade. No credit will be given for work submitted more than five days late.

Note: Up to 30% of the points possible on an assignment or assessment may be deducted from graded work completed after an unexcused absence. A unique assessment testing the same material may be given to a student who is absent when the test was scheduled. In other words, a student who is absent for an assessment may be given a different version or type of assessment, but it will still cover the same material.

Supplies: Composition Notebook
Pencils and Erasers
Scientific Calculator with only one line on screen
Texas Instrument TI-30Xa is recommended
4 Three Prong Folders with Pockets
Expo Marker
Lined Paper

Textbook: We will be using the online version of the textbook for this class, Prentice Hall Algebra 2 Common Core, 2015. It is available on MathXL, an online program we will utilize throughout the year.

Tutoring: I will be available for after school tutoring once a week for Algebra 2 students. In addition, Mr. Primack is our in-house tutor for mathematics. He will be at school on Tuesdays, Wednesdays, and Thursdays. Students may make arrangements to see him during lunch or after school, and may be asked to work with him during class time.

Contact Information: If you need to reach me for any reason, please send an e-mail to dawn.nolan@fsw.edu or call the front office at 941-637-5673 to leave a voicemail for me. I will always do my best to return an e-mail or call within 24 hours.

Expectations: I urge you to stay on top of what I ask of you, always with your best effort. When students make a concerted effort to do so, they succeed in my class. If you are struggling, make an effort to utilize the help you have online. If you still struggle with a concept, ask for help from Mr. Primack and me immediately. Asking for help the day before an assessment will not allow for sufficient time to all of a sudden become comfortable with multiple concepts at once.

Be respectful to the teacher, classmates, and classroom.

Be prepared, not only with supplies and completed homework, but with a readiness to think, learn, struggle, and succeed.

Do your best. Always. Giving up at the first sign of uncertainty does not produce growth. If at first a problem seems too difficult, look at examples, notes, the textbook, and videos, or call a friend. Do the challenge problems and feel proud to give them your all. Be an asset to class discussions and collaboration, whether that means asking the questions or explaining the answers/process.

Emulate the characteristics of the Buc Brand, the description of which follows.

