Dear Parents and Students:

My name is Jennifer Dundon and I will be your child’s math teacher this year. The students will be learning math concepts in alignment with their individual math class. Please refer to my classroom policies, procedures and syllabus for a more in-depth explanation of the course concepts.

In an effort to “go green” at Deland High School, the syllabus, grading policies and procedures, and class rules for this class will be posted on the DeLand High School’s website.

Feel free to contact me via e-mail if you have questions.

Sincerely,

Jennifer Dundon
jadundon@volusia.k12.fl.us
DeLand High School
Course Syllabus
2022 - 2023

Teacher Name: Dundon
Term: semesters

Course Name: Algebra II Honors/PreIB

Textbook(s) Used: Algebra 2, Larson

Other Materials Needed: paper, pencil, and calculator (Texas Instruments: TI30XIIS recommended)

Course Objectives: This course is designed to enhance and continue the study of mathematics after Algebra I and Geometry while preparing students for further college-level math courses.

In Algebra 2 Honors, instructional time will emphasize six areas:

(1) developing understanding of the complex number system, including complex numbers as roots of polynomial equations;

(2) extending arithmetic operations with algebraic expressions to include polynomial division, radical and rational expressions;

(3) graphing and analyzing functions including polynomials, absolute value, radical, rational, exponential and logarithmic;

(4) extending systems of equations and inequalities to include non-linear expressions;

(5) building functions using compositions, inverses and transformations and

(6) developing understanding of probability concepts.

Major Units/Topics/Themes:

- Polynomial Functions
- Exponential and Logarithmic Functions
- Vectors
- Rational Functions
- Trigonometric Functions
- Complex Number System

*** Make-up Work Policy: students should refer to the school policy as
found in the handbook for acquiring and receiving credit for all make-up work. It is the student’s responsibility to request work from when they were absent.

DeLand High School  
Course Syllabus  
2022 - 2023

Teacher Name:  Dundon  Term:  semesters

Course Name:  Precalculus Honors/PreIB

Textbook(s) Used:  Precalculus, Larson

Other Materials Needed:  paper, pencil, and calculator (Texas Instruments: TI30XIIS recommended)

Course Objectives:  This course is designed to enhance and continue the study of mathematics after Algebra I, Geometry, and Algebra II while preparing students for further college-level math courses.

In Precalculus Honors, instructional time will emphasize six areas:

(1) extending right triangle trigonometry to unit circle trigonometry and trigonometric functions; (2) extending understanding of functions to trigonometric; (3) developing understanding of conic sections; (4) representing and performing operations with complex numbers and vectors in the coordinate plane; (5) extending understanding of relations in the plane using parametric representations, including polar coordinates and (6) analyzing arithmetic and geometric sequences and series.

Major Units/Topics/Themes:

Polynomial Functions  Rational Functions
Exponential and Logarithmic Functions  Trigonometric Functions
Vectors  Complex Number System
*** Make-up Work Policy: students should refer to the school policy as found in the handbook for acquiring and receiving credit for all make-up work. It is the student’s responsibility to request work from when they were absent.

Algebra 2 Honors/Pre IB
Student Guide
Mrs. Dundon

How to contact Mrs. Dundon:
Email: jadundon@volusia.k12.fl.us

Materials:
Student materials needed every day: organized notebook, paper, pencil and/or pen

Make-Up Work:
All make-up work is the student’s responsibility. Please see me the day you return to receive any work that you have missed.

Grading:
0% Diagnostic (pretests)
40% Formative (quizzes, homework quizzes, etc.)
60% Summative (tests, projects, etc.)

Quizzes provide feedback, allowing you to monitor your progress. I take quiz and test security very seriously. Academic dishonesty will not be tolerated and will result in a score of zero. Additional steps may be taken when warranted.

*Semester grades will be calculated using the county default system. The only exception is in the event a student earns an F for one of the quarters. In this case, the semester grade will be the result of numerically averaging the quarter grades.
Class Rules
1. Please be on time.
2. Please come prepared for class.
3. Please be respectful at all times

Consequences
First offense - warning
Second offense - change of seat
Third offense - phone call home
Fourth offense - referral to office

In the event of a severe disturbance, the referral will be immediate.

Teacher’s Authority to Override Final Grade: A teacher may override the final grade if a student’s overall performance warrants it. Before the grade override is finalized, the teacher must notify the parent/guardian concerning the student’s performance if the override may result in a lower final grade. The teacher may issue a failing grade override based on the student’s overall performance only with the approval of the principal. This refers to the final grade of the grading period, or the final grade for the course.