East Brunswick Magnet School
Pre-Calculus Honors   **MRS. ZAJAC**

COURSE DESCRIPTION: Precalculus is designed to be the equivalent of a first-semester college precalculus course. Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college-level mathematics courses. Throughout the course, the mathematical practices of procedural and symbolic fluency, multiple representations, and communication and reasoning are developed.
This course is Dual Enrollment with Middlesex College.

Units
Unit 1: Polynomial and Rational Functions
Unit 2: Exponential and Logarithmic Functions
Unit 3: Trigonometric and Polar Functions
Unit 4: Functions Involving Parameters, Vectors, and Matrices

Grading Policy

Assessments 80%	Tasks and Practices 20%
- There is no teacher assistance - Questions include multiple levels of difficulty including enrichment - Completed in classroom under supervision - Questions have not been given to students before	- Classwork - Homework - Math practices check-ins - Online software assignments

Grading

- This is the grading system for the five question quizzes:

Number of Problems Correct	Score	With Notes	Proficiency Level
0/5 (attempted)	10	10	Requiz
1/5	25	25	Requiz
2/5	50	50	Requiz
3/5	80	73	Proficient
4/5	90	83	Advanced
5/5	100	93	Mastered

Honors Level Reassessment Policy

Reassessments will be permitted for non-passing grades. The maximum possible score for a reassessment will be an 80%.

Number of Problems Correct	Score
0/5 (attempted)	10
1/5	25
2/5	50
3/5	70
4/5 or 5/5	80

CLASS MATERIALS:
- A dedicated notebook/binder or folder is suggested to organize notes, and a writing utensil is required to be brought to class each day.
- Chromebook to use for online assignments.
- **Graphing Calculator TI 84** if you have your own since there is a limited number of calculators in the classroom.

CLASS POLICIES AND EXPECTATIONS:
- Students must come to class on time and prepared.
- No cellphones will be permitted to be used in class except during special assignments.
- Assignments must be completed in a timely manner and reflect the student's own work; academic honesty is expected (i.e., no copying, cheating, plagiarism).
- In the event of an excused absence, it is the student's responsibility to get notes or assignments from a classmate or Google Classroom.

CONTACT INFORMATION: Feel free to email Mrs. Zajac at zajacm@mcmsnj.net.

EXTRA HELP: Tutoring is available before and/or after school during Homework Club. Struggling students will be encouraged to attend, so they have a successful year!