

Early College High School

Pre-Calculus PreAP, Procedures and Policies, 2021-22



Jean Ann Nichols

Bachelor of Science, Computer Information Systems

Certifications: Secondary Mathematics (grades 8-12),

Gifted/Talented

Room#	School Phone #	Email	Conference Period	Tutorials
104	617-6600	jnichol@bmtisd.com	MWF 7:30-8:15am TTh 9:15-9:45am	Tu & Wed 3-4pm

Course Description: **Precalculus** is a course that includes Algebra and Trigonometry at an advanced level and is designed to prepare students for the study of Calculus. Trigonometry will be the focus of semester 1 because of its usefulness as a tool in the study of Physics. Advanced Algebra will be the focus of semester 2 in preparation for Calculus the following year. To succeed at finding the derivatives and antiderivatives of calculus, they will need to accurately use all the tools, skills, and facilities learned this year.

Precalculus "was meant as a survey of concepts and methods in analysis and analytic geometry

preliminary to the study of differential and integral calculus."

Leonhard Euler wrote the first precalculus book in 1748 called Introduction to the Analysis of the Infinite

Topics include: Trigonometric functions, identities, and equations; Conic Sections; Fundamental Algebraic skills and theorems; Graphing parent, linear, inverse, quadratic, and rational functions; composite functions; Linear and non-linear inequalities; and exponential & logarithmic functions.

Real-world applications are presented within the course content and a functions approach is emphasized.

Honors Mathematics courses are intended to be more challenging than standard courses and provide multiple opportunities for students to take greater responsibility for their learning. Honors Mathematics courses should be distinguished by a difference in the quality of the work expected rather than merely by the quantity of work required. However, students and parents should EXPECT, and plan for, a homework assignment EVERY class period.

Classroom Rule/Procedures/Discipline (*In Classroom*)

One Main RULE is RESPECT or “Do the Right Thing”

Everything falls under this 1 rule!!

1. Be Prompt.

Enter classroom in a **MATURE** manner. Prepare desk with necessary materials and get to work on warm-up or checking HW. Turn in ALL assignments on due dates.

2. Be Prepared.

Bring your 3-ring binder (Algebra 1 Honors **ONLY**), paper, pencil, and **COMPLETED** assignments.

3. Be Attentive.

Please remember the classroom is **NOT** a place for food, drinks, or personal grooming.

4. Be Considerate.

Do not talk or get out of your seat without permission. Keep your work area neat and clean. Please comply with all district, campus, and classroom rule and procedures.

Consequences

1 st time:	Verbal Warning
2 nd time:	Parent Contact
3 rd time:	Office Referral
Severe Disruption:	Immediate office referral

All students have a right to an opportunity for an education.

Disruptive behavior represents a violation of this right and will not be tolerated.

School Supplies:

Binder (1 ½ to 2 inches, use exclusively for PreCalc class) with dividers

Pencils and hand-held pencil sharpener

Erasers

Notebook paper and Graph paper (in binder)

Tissues (optional, but appreciated)

Pen for grading, bright color but not red or pink (*when in classroom*)

AAA batteries (replacement batteries may be necessary when using BISD graphing calculators at home)

*****TI-84 Plus graphing calculator – This is a MUST for PreCalc HW completion.*****

Grading Policy:	60%	Tests and Projects
	40%	Homework, Class Work/Participation, and Quizzes

BECHS Math Department Guidelines:

1. Work must be shown to receive credit.
2. Work must be organized and written neatly **INCLUDING** name on all assignments.
3. Assignments must be submitted when due. I will follow BISD handbook guidelines for late and make-up work due to absences.
4. ***On test days, cell phones will be collected prior to distributing tests*** and returned to students once testing is complete.

Make-Up work is the responsibility of the student. Make-up tests will be scheduled for after-school. Students have as many days as they were absent plus one day to turn in any missed assignments. After that date, zeros are recorded for missing work. ***For online assignments and tests, the expectation is to complete and submit assignment by due date and time. MOST tests and assignments will have 1 day for completion, from assignment time TO date/time it is due.***

Binders are intended to be a tool for your benefit to help keep you organized. Good organization is key to success. You should bring your binder and other supplies to class every day. ***Your PreCalculus binder, with all assignments and quick reference materials, MAY be graded at the end of EACH grading period.***

Academic Dishonesty of any kind, with respect to examinations, written assignments, homework, in or out of class, shall be considered cheating. It is the responsibility of the student to abstain from cheating, to avoid the appearance of cheating, and to guard against making it possible for others to cheat. A grade of zero will be given if you are caught cheating.

CHEATING: This will result in a zero, a referral, and a meeting with your parents in which you will be issued an academic warning. All work should be done independently unless you are told directly that you may work together.

The following statements provide further clarification regarding academic dishonesty.

"In an attempt to clarify possible misunderstandings, Institute faculty and staff have developed some definitions and examples of two types of academic dishonesty: cheating and plagiarism. Cheating is defined as the giving or taking of information or material with the purpose of wrongfully aiding oneself or another person in academic work that is to be considered in determining a grade.

Plagiarism, or literary theft, is defined as appropriating the literary composition of another person, including the parts, passages, or language of that writing, and passing off the appropriate material as one's own. Plagiarism is the failure to give proper credit or citation to one's sources(s) of information. It includes the failure to use conventional methods of documentation for material quoted or paraphrased. Additionally, plagiarism includes allowing someone else to compose or rewrite an assignment for a student. Some examples of cheating and/or plagiarism include, but are not limited to, the following items:

1. Asking for or giving another student information during a test;
2. Copying answers from another student's paper or intentionally allowing someone to copy from one's own paper during a test;
3. Using materials prohibited by the instructor during a test;
4. Either impersonating another student during a test or having another person assume one's identity during a test.
5. Changing answers on a previously graded test in order to have a grade revised;
6. Stealing examination materials.
 7. Copying material, either exactly or in essence, and not providing appropriate documentation;
8. Copying or falsifying a laboratory or clinical project/assignment, including computer programs, in either disk or hard copy form;
9. Allowing someone else to compose or rewrite a student's assignment;
10. Stealing, buying, selling, or otherwise providing research papers.

As with other violations of student conduct, cheating and/or plagiarism may result in disciplinary action."

CELL PHONE (SCHOOL POLICY): Refrain from bringing any electronic device to class. If I see or hear a cell phone it will be confiscated, as well as any other electronic device. This includes, but not limited to, any cords, earbuds, or headphones. These devices will be turned into office and a \$15 fine will be required to retrieve them. **Cell phones are only allowed in the cafeteria before school and during lunch.**

Students and Parents,

I am looking forward to an exciting and productive year in PreCalculus!! I encourage and welcome parental involvement; therefore, please feel free to contact me if need arises. E-mail is always the best way to contact me (jnichol@bmtisd.com). Please remember this is a mathematics course with a challenging curriculum and a teacher with high expectations!!

DETERMINATION + HARD WORK = SUCCESS