PreCalculus with Limits  Trigonometry

Eisenhower High School

Mrs. Martha Davidson

Prep Hour: 2nd

Martha.davidson@uticak12.org

**Course** Description**:** The Accelerated Precalculus course is designed for students who want to be better prepared for college Calculus or Advanced Placement courses while still in high school so that they may start in higher level courses upon entering college. The standard Precalculus course has been enhanced with additional materials and teaching tips that promote a deeper mathematical understanding of the topics, extend the topics past what is given in the standard course, and present new topics that are not typically included in a high school curriculum. Both the PreCalculus with Limits and the Trignometry book pictured above will be used during this course.

Grading Criteria: Previous success in your mathematics courses is not the only indicator of who is likely to excel in the Accelerated Precalculus program. Motivation and a willingness to work hard are two important factors in the success in higher levels of mathematics. You will need to have a desire to understand the mathematical concepts and a good attitude about achieving this goal. This course may have more homework than the standard mathematics courses you have taken in the past.

As in any mathematics class, practice and reinforcement of topics introduced in class is essential. For this reason, homework will be assigned almost DAILY and will be discussed during the next day’s class. When the lessons and subsequent homework assignments are from the blue Trigonometry book a B will follow the page number of the assignment. You are expected to have your homework completed prior to coming to class. You are responsible for correcting your homework and asking questions about problems you don’t understand. You should always first discuss with your table any problems you need help understanding and then if still confused write the number of the problem on the homework box on the white board. The current day’s assignment will be posted daily as a reminder. Homework will be checked using homework quizzes. These quizzes will be unannounced. You will be allowed to use all notes and/or homework assignments on the homework and/or notes quizzes. All homework/notebook quizzes will contribute to the total points earned during the marking period.

You will be expected to regularly contribute to the learning environment in the class. Almost daily you will be requested to participate in group activities. These activities include P.R.E.P.S. (warm-ups), group tasks, projects, homework review, etc. You will be required to take daily notes on the lessons. You will be given regular assessments over the material. The assessments will come in the form of lesson quizzes, unit tests, and performance tasks.

It is the responsibility of the student to initiate all make-up work. If you are absent it is your responsibility to get a blank copy of the daily notes that you missed and then ask a fellow student for their notes to copy. Notes must be completed prior to the day of the unit test. *If you are unable to make up any assessment prior to them being passed back, you will receive the same percentage as your unit assessment grade.* I generally pass back all quizzes the next day. *If at all possible you should never miss a test.* If you are excused absent on the day of a test you should plan on taking an alternate version of the test on the day you return to class. Unexcused absences will result in a zero for any and all possible points earned on that day!

Cheating is never permitted. Persons caught cheating on homework or assessments will receive an automatic ZERO; there will be no make-ups or second chances.

I follow the district guidelines for grading. I will be using a total points system. Your average will be based on the points earned through homework quizzes, notes quizzes, class activities (individual or group), mid-unit quizzes, and Unit Assessments.

Extra credit will be available on some homework/notebook quizzes and some unit assessments. Extra credit will not be available on makeup assessments. There will not be any “extra assignments.”

**Grades –** Grading will be based on the following percentages:

94 - A 77-79 C+

90-93 A- 73-76 C

87-89 B+ 70-72 C-

83-86 B 67-69 D+

80-82 B- 63-66 D

 60-62 D-

 59 and below F

**Course Requirements:** Materials Uses

3 Ring Binder (1-1 ½ inch) with dividers *Lesson Notes, Chapter Calendars, Assessments, P.R.E.P.S.,*

 Spiral Notebook *Homework*

Pencils, Red Pen, or colored pencils

Graphing Calculator (TI-84 or TInspire)

Mrs. Davidson’s Classroom Rules

1. **Be in your seat when the bell rings.** I count tardies at the final bell! If you realize that you have forgotten something in your locker or you are afraid that you will not be able to use the restroom without being tardy please come and see me with your planner before the final bell and I will sign a pass in YOUR agenda.
2. **No sleeping, eating or drinking in the classroom at any time.** (Except water). Food and drinks will be thrown away!
3. **Sit in your assigned seat daily.** I take attendance from the seating chart if you are not in your seat you will be marked absent.
4. **NO** **CELLPHONES**, headphones, Ipods, Walkman, electronic games, cards, etc. are in the classroom. Any items confiscated from students will be turned into the office at the end of the school day. You are in this class to learn the Precalculus material not to increase your score on the latest game you are playing! Keep the cellphones and other electronic devices put away during the entire class period. If you have a problem with this rule you can take it up with an administrator! I don’t care if you have finished the day’s assignment. Use the time to review the material you need to learn for this class.
5. **This is your Precalculus Class –** **work for other classes will not be done during this hour.**
6. Follow the school dress code or you WILL be sent to the office.
7. Remain seated until the bell rings – DO NOT LINE UP AT THE DOOR – *the first person to line up will be the last person to leave the room!*
8. **F.Y.I.:** When an **unexcused absence** occurs, you will receive **NO POINTS** (**ZERO**) for any work that day including any assessments.

**GENERAL SUGGESTIONS**

A. Remember: Math is not a spectator sport! You can only learn math by doing math. The more time you spend doing math, the better you will do.

B. Talk to other students in your math class about math. Talking about math and how to work out problems reinforces the understanding in your mind.

C. ASK QUESTIONS – don’t be afraid. If you are confused there is a good possibility that other students are confused as well.

D. IF YOU ARE HAVING ANY TROUBLE IN CLASS SEE YOUR TEACHER A.S.A.P.

**EXTRA HELP**

Lunch hour tutoring is available every day. Please see the flyer on the FYI Bulletin Board for hours and locations. I will be available in the mornings starting at 6:45 am. I will also be available for extra help after school if I do not have any meetings scheduled. Please discuss with me during class to see if we can arrange a day that is convenient to both of us.

Expectations

**YOU are expected to:**

* **Come prepared for class every day**
* **Participate in class every day**
* **Do the daily homework which is assigned**
* **Work together cooperatively in your groups**
* **Formulate and ask questions**
* **Have some fun**
* **Expect some difficulty**

**MRS. DAVIDSON is expected to:**

* **Come prepared to teach every day**
* **Help students learn the concepts of PreCalculus**
* **Be available outside of class for questions**
* **Give advice when asked**
* **Give students timely feedback**
* **Have some fun**
* **![C:\Users\martha\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\D4JQLBF6\MC900423171[1].wmf]()Make mistakes on problems (it’s also your responsibility to correct me)**
* **Be stumped by a few questions (I may have to come back to a problem later**

![MPj03959010000[1]]() Classroom Telephone Number: 586-797-1467

 Prep Hour: 2nd Hour

 E-mail Address: Martha.Davidson@uticak12.org

 Website: [www.ikealgebra.weebly.com](http://www.ikealgebra.weebly.com)

*Please keep the previous information for your records.*

*Please return the signed form below for my records. Thank you.*

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*Students please go over this important information with your parents!*

*Please sign and return the bottom of this sheet by Friday, September 5th.*

**STUDENT SIGNATURE:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PARENT SIGNATURE:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**DATE:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Please feel free to share any information that you feel would be relevant to your student’s learning in the space below. Thank you!**

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\*The best way to contact me is through email. I will try to respond to any emails within 24 hours.

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