Mr. Timpa   pre calculus   2019 2020

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ESSENTIAL CONTENT & SKILLS:

Mathematically proficient students will;

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity and repeated reasoning.

In Precalculus, these practice standards will be emphasized through;

1. Working with linear relations and functions.
2. Solving systems of linear equations and inequalities.
3. Exploring multiple families of graphs and their characteristics.
4. Working with polynomial functions.
5. Working with rational functions.
6. Solving triangles
7. Unit Circle applications and investigations
8. Working with Trigonometric functions and identities.
9. Working with Vectors and parametric equations
10. The polar coordinate system and complex numbers
11. Learning the conic sections.
12. Investigating sequences and series.

GRADING:

Quarter/semester grades based on total points earned divided by total points possible.

A	= 90% – 100%	D+	= 67%-69%
B+	= 87% – 89%	D	= 63% – 66%
B	= 80% – 86%	D-	= 60%-62%
C+	= 77% – 79%	F	= Below 60%
C	= 70% – 76%		

*Summative assessments (chapter tests) = approximately 50-70% of the semester grade
*Formative assessments (quizzes, graded assignments) = approximately 30-50% of the
  semester grade
*Extra Credit – no more than 5%

*Semester grades calculated with percentages from quarters
  Quarter A Grade = 40%
  Quarter B Grade = 40%
  Semester Exam Grade = 20%

Reassessment Policy: There is no retaking of assessments in Precalculus

Testing Aids:
No aids to be used except in the case of documented IEP or 504 Plan accommodations.

How Are Problems Graded?

Short answer problems
- ✓ It is important to understand, these problems are graded with the intent to give the students as many points as possible.
- ✓ Each correct step that could lead to a correct solution usually will be given a point or a fraction of a point.
- ✓ The units of the solution are just as important as the answer itself. Therefore points will be given for correct units.
- ✓ It is important to give an answer that is consistent with the question. For example, if it asks for an equation, you should have just that. (an equal sign)
- ✓ Answers must be fully simplified and exact to receive full credit. 1/3 is not equal to .33. Therefore, fractions are encouraged, as are radical answers.
- ✓ If a formula or trig identity is incorrect is the first step of a problem, it is likely that no points will be given, since there is no chance of arriving at a correct solution. (HINT: memorize formulas and identities so you can apply them when appropriate.)
- ✓ In general, if the answer to a problem is incorrect, expect to receive less than half of the points for that problem.

Multiple Choice Problems are all or nothing.

Extra Credit Policy:
There will be no individual extra credit. Any extra credit offered will be for the entire class and will not amount to more than 5% of the semester grade.

Homework Policy:

A graphing calculator is necessary for this course. You will need one at home for your work. In class, you will have a TI-84 available for your use, if it is needed, and for every assessment.

You will occasionally be given a graded homework assignment. These will be on material that you have already had the opportunity to ask questions about. No late work will be accepted. Your goal should be to attempt all problems, by the assigned due date, so they may be discussed for the benefit of the class.

Absence:

When absent from class you are expected to make up any missing work in a timely manner. If prolonged absence occurs, special arrangements will be made. Any unexcused absence on the day of a quiz or test will be given a zero for that assessment. If you are tardy on the day of a quiz or test you will be expected to use the remaining class time to take the assessment. If you have an excused absence for the day of a quiz or test you must make arrangements to make it up. It is your responsibility to make up all work missed due to your absence. Any work not made up by the end of the quarter will be given a score of zero. If you miss class, for any reason, it is a choice you have made and it is expected that you will take the necessary steps to keep up with the class, if you are at all confused as to what is expected of you when you return (or if it is a planned absence, before you go) please talk to your teacher immediately.

Academic Integrity Policy:
Chippewa Valley Schools academic integrity policy is fully enforced in Precalculus. Click here to view this policy in its entirety.

Show your Cougar PRIDE in the Classroom

P: Prepared
-       Know expectations and directions
-       Have materials prepared before the bell
-       Be proactive with your work and communication
-       Focus on the current class material
-       Have your ID easily accessible

R: Respectful
-       Listen for understanding
-       Raise your hand to speak
-       Be respectful of others and property
-       Engage in positive behaviors
-       Use electronic devices for educational purposes

I: Integrity
-       Use class time for its intended purposes
-       Use your inside voice
-       Engage in academic honesty
-       See something – Say something to a staff member

D: Dedication
-       Keep yourself and others accountable to high standards
-       Commit to the Code of Conduct
-       Focus on academic growth and learning
-       Maintain cleanliness and dispose of trash and recycling

E: Empathy
-       Be kind with words and actions
-       Respect everyone and their opinions/experiences
-       Foster a safe, positive environment