

MAST @ FIU

Pre-Calculus Honors Course Profile

Teacher Douglas Tisdahl

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Course Description:

The course will cover unit circle, trigonometric functions, proving trigonometric identities, graphing trigonometric identities, laws of sines and cosines, polar coordinates, lines, circles, ellipses, parabolas, sequences and series, limits, equations and functions, probability and introduction to derivatives.

Materials:

A book of labs, on-line texts, a three ring binder or notebook with folder to secure papers, plenty of paper (lined), Pencils, and a scientific calculator (no graphing calculators).

Attendance:

Students are strongly discouraged from being late or missing class. Students learn to explore and discover mathematical concepts in class. If a student is absent it will interfere with their ability to understand the concepts that are necessary for course completion. Make up tests and quizzes are given before or after school within one week of permissible absence.

Conduct:

All students are expected to attend class on time, bring materials, check the web for assignment if class is missed and participate. Students will need to treat others with respect and understanding. Unexcused absences, and cheating will receive an F for the day or assignment. Tardies will receive a call to a parent at work in front of class. No activity that interferes with the learning process will be tolerated. Use of cell phones for non-academic activities or listening devices in the classroom will not be tolerated. Use or

view of cell phones for non-academic activities or listening devices will result in confiscation of the phones or listening devices then delivery to administration.

Grading: (each quarter is roughly nine weeks)

15% homework

10% classwork and warm-ups

5% student participation and group

30% quizzes on each section

40% Tests at least three per quarter.

Homework or classwork that is turned in late will result in a 30 point reduction in grade earned per weekday, not class. Example if an assignment is due Monday 100%, turned in Tuesday 70%, turning in Wednesday 40%, Thursday 10%.

If no homework or classwork is completed for the quarter a grade of F will be given no matter what the average of the student is. This is a high level class and LAZY will not be permitted.

Parents/Guardian Contact:

Progress Reports will be issued at the end of the fourth week of every nine-week term. Report cards are sent home a week after the end of the nine week term. The Miami-Dade school system web site will have access to student's grades. I strongly urge students and parents to talk to me in cases of any particular issue or concern, and also to keep up to date on grades through the web site.

Student signature: _____

Parent signature: _____