

PRE-CALCULUS W/ TRIGONOMETRY

Mrs. Bisgaard

2019-2020

COURSE DESCRIPTION

Pre-Calculus with Trigonometry prepares a college-bound student for their first course in calculus. The course includes the study of advanced functions, including polynomial, exponential, logarithmic, trigonometric, and circular functions. Students will study the algebraic relationships between these functions, their graphs, and transformations of these functions. Students will also be introduced to the concepts of limits and derivatives.

CLASS SUPPLIES

Calculator (See Below)

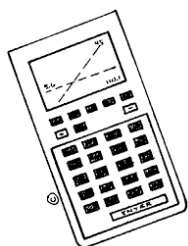
Pencils
(No pens please!)

3-ring binder (1½"-2")
w/ 10 dividers

Optional but appreciated:

Box of Kleenex
Expo Markers
Hand Sanitizer

Access to WiFi



CALCULATOR REQUIREMENTS

Due to the advanced nature of this course, students will need to have a graphing calculator to use outside of the classroom. Below are some options:

-There is set of graphing calculators provided in the classroom that are not to leave the room at any point. **Older calculators** are available for check out to students who need them.

-**DESMOS** is a free app and online calculator that students will see on the Smarter Balanced State Test.

-College bound students may benefit from purchasing their own graphing calculator. I would recommend the **TI-84 Plus C**, these run around \$100. This calculator is the same as the ones we use in class, and is also allowed on the ACT.

GRADING

Chapter Tests 50%

Homework 25%

Quizzes 25%

SEMESTER GRADE

Quarter 1 & 2 90%
Semester Exam 10%

FINAL GRADE MAKEUP

Semester 1 50%
Semester 2 50%

ACADEMIC DISHONESTY

Cheating/dishonesty will not be tolerated in this class. Students are expected to uphold high academic morals and integrity. The following list are examples that are in violation of the policy, but are not limited to:

- Copying homework from other students
- Talking during quiz/test
- Copying answers from class website
- Forging parents' signature
- Taking pictures of quizzes/tests
- Using cellphone during quiz/test
- Using non-approved materials on quiz/test

Failure to comply with these expectations will result in a referral to administration and a loss of points.

GRADING SCALE

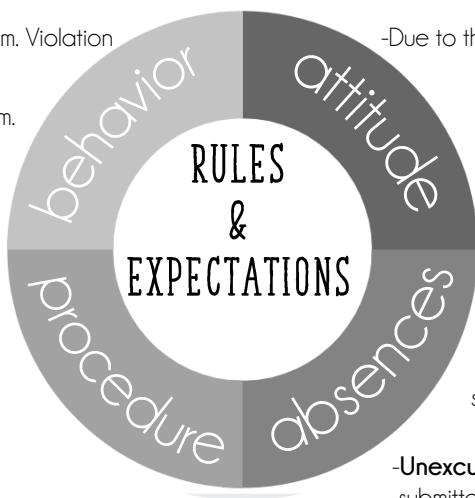
A = 100% - 93%
B = 92% - 85%
C = 84% - 77%
D = 76% - 70%
F = 69% - 0%

-Classroom calculators are not to leave the room. Violation of this will result in the report of a theft.

-Cell phones are **not** to be used in the classroom. Violation of this rule will result in the phone being taken away.

-Students are expected to show their work on tests, in-class lessons, and quizzes. Not showing work may result in the loss of points.

-Students are expected to take bathroom/water breaks during passing periods. Minimal bathroom passes will be given during class.



-Due to the inquiry-style of our curriculum, group participation and discussions are expected.

- Respect for yourself, the teacher, and your classmates is always expected and will ensure that our class will remain as a safe learning environment

- Students will have at as many **excused** school days plus one additional day to make up work.

-Students who have **Extra-Curricular Absences** should get work prior to the absence. Failure to schedule tests and quizzes prior to being gone will result in a loss of points.

-**Unexcused absences** do not allow make-up work to be submitted for full credit. Student may receive up to 50% of credit on an unexcused assignment.

HOMWORK



All homework will be completed online using **WebAssign**. Students are expected to work on the homework throughout the week on their own. Students are encouraged to label and write down the work for each problem, in case they need help on it later. When struggling, students need to email or meet with the teacher outside of class to ask questions on homework. Students will be given multiple days to complete homework to guarantee enough time to access Wi-Fi/computers. Although there may be times where students can work on homework during class, it is not to be expected. Students will have 10 attempts for each question until it is counted as incorrect. **Homework will not be reopened once the due date has passed.**

ACCESS TO WEB ASSIGN WWW.WEBASSIGN.COM

Access Code: Pays for course, will be unique to you and handed out during class.

Class Key: Given below, you will use this to enroll in your correct section

1A centralhs.sd 6348 9052

3B centralhs.sd 2167 8353

1B centralhs.sd 5973 4704

4A centralhs.sd 2892 3318

WHAT TO DO WHEN YOU ARE STRUGGLING

- 1** Look through your notes and explorations.
- 2** Try the "Practice another version"
- 3** Watch the videos on the website.
- 4** Email Mrs. Bisgaard a picture of your work and problem
- 5** Come in and get help

CONTACT ME!

OPEN MINIS: 2A & 4B

EMAIL: nicole.bisgaard@k12.sd.us

WWW.MRSBISGAARD.COM



CLASS WEBSITE WWW.MRSBISGAARD.COM

- Notes
- Textbook
- Exploration Keys
- Videos
- Review Keys
- Calendars

WANT TEXT ALERTS?

Text
@mrsbiz2019
to **81010**

