AP Calculus AB includes the following units listed in the AP Course and Exam Description (CED), with the big ideas of Limits, Change, and Analysis of Functions.

- Unit 1: Limits and Continuity
- Unit 2: Differentiation Definition and Fundamental Properties
- Unit 3: Differentiation: Composite, Implicit, and Inverse Functions
- Unit 4: Contextual Applications of Differentiation
- Unit 5: Analytical Applications of Differentiation
- Unit 6: Integration and Accumulation of Change
- Unit 7: Differential Equations
- Unit 8: Applications of Integration

CENTRAL HIGH SCHOOL BOBCATS

HOW TO CONTACT MRS. JOHNSON

655 Caddo St.
San Angelo, TX 76901

(325) 659 - 3434
ext 209

stephanie.johnson@saisd.org

*email is preferred method of contact

AP Test : May 10,2027

You will be asked to join AP Classroom
Code:

You must be in AP Classroom to test. You will be asked to sign up for tests this first nine weeks.

*This is AP Calculus AB. If you wish to challenge the AP Calculus BC test, you will need to study extra materials on your own.

AP CALCULUS AB

WITH MRS. JOHNSON
NEWTON 122

Tutorials / Bobcat Block

Bobcat Block has been the main source of homework time and tutorials. You may stop by before school beginning at 7:45, or after school until 4:45 for any questions.

Look out for info on Minga to schedule bobcat block times.

Math Medic

COURSE MATERIALS/EXPECTATIONS

This class will utilize Math Medic for notes, homework, quizzes, and tests. Homework will be assigned frequently, and students should expect due dates to fall two to three days after each assignment is posted. Complete as it is assigned to continue the flow of learning. Students will complete collaborative notes through structured group work. You are expected to engage thoughtfully with the material prior to direct instruction to promote deeper cognitive processing and long-term conceptual understanding. You should have successfully completed courses in which you studied algebra, geometry, trigonometry, analytic geometry, and elementary functions. You should understand the properties of linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, and piecewise-defined functions and know how to graph these functions and solve equations involving them. You should also be familiar with algebraic transformations, combinations, compositions, and inverses for general functions.

District Grading Guidelines linked here

Grading Guidelines

Major Grades = 70%
Minor Grades = 30%
Test corrections may be completed in tutorials/bobcat block to earn 20% of your points back.

Late work is accepted with a 10 point penalty each day late.

Absent work should be collected from the hanging file by my desk. All copies of notes will be available in schoology. Assignment due dates will be extended to allow the amount of days absent plus one for make up work.

Schedule

Period		Time
1st Period	Algebra 1 H	8:20 - 9:09 a.m.
2nd Period	AP Calc AB	9:17 - 10:06 a.m.
Bobcat Block		10:06 - 10:42 a.m.
3rd Period	CONFERENCE	10:50 - 11:39 a.m.
4th Period	AP Calc AB	11:47 a.m. - 12:36 p.m.
A Lunch		12:36 - 1:18 p.m.
5th Period	Algebra 1 H	1:26 - 2:15 p.m.
6th Period	Algebra 1 H	2:23 - 3:12 p.m.
7th Period	Algebra 1 H	3:20 - 4:09 p.m.

ABOUT MRS. JOHNSON

Family

I celebrated my 25th anniversary with my husband this summer. We have raised three children- all Central High School graduates!

Pets

The Johnson household loves pets. We currently have two dogs, a cat, and a bird. We have also enjoyed the experience of owning a bearded dragon, rats, guinea pigs, and hamsters.

Career

This is my 12th year teaching. I've taught all math from 7th grade through Calculus, except Pre-Calculus. This will be year 10 at Central and year 3 for teaching Calculus. I'm so excited for this year!

Supplies needed:

Binder /folder (your preference)
highlighter
colored pens
school-issued chromebook
online calcultor options will be availabe in schoology