**COSBY HIGH SCHOOL**

**COURSE SYLLABUS**

**COURSE NAME:**  Calculus

**SEMESTER AND YEAR:** Fall 2021

**INSTRUCTOR:** Mrs. Tina Williamson, CHS 119, Phone **(423) 487-5602**

 E-mail address: **williamsont@cocke.k12.tn.us**

 Fax: **423-487-5502**

 **Tutoring**: After School 3:15-3:45 or by appointment any day except Wednesday

**Materials:**

Calculus Single and Multivariable – Hughes-Hallett/Gleason/McCallum/ et al. 4th edition (textbook)

AP Flipped Calculus AB www.flippedmath.com(Worksheets and videos)

Google Classroom

**A TI-83, TI-83+, TI-84, TI-84+ or TI Silver Edition is needed for this course. The calculator is NEEDED for this course.**

**COURSE PREREQUISITE:** Integrated Math III

**COURSE DESCRIPTION:**   Calculus is designed for students interested in STEM-based careers and builds on the concepts studied in precalculus. The study of calculus on the high school level includes a study of limits, derivatives, and an introduction to integrals.

**COURSE SUPPLIES:**

**Paper**

**Pencils**

**Graph paper**

**Notebook**

**Calculator**

**Chromebook**

**INSTRUCTIONAL AND EVALUATION METHOD:**

93 - 100% A Homework Average counts 20%

85 – 92% B Quiz Average counts 20%

75 – 84% C Exam Average counts 60%

70 – 74% D

 0 – 69% F

Attendance and a well-organized notebook are vital for successful completion of the course!

There will be in-class quizzes, exams and a comprehensive final exam.

I am available for tutoring on most days before or after school. If I am not available, we can arrange tutoring with another math teacher I am not available on Wednesdays due to the fact that I teach a night class and weekly math department meetings.

QUIZZES/HOMEWORK (40%)

* There will be weekly quizzes. The lowest quiz score will be dropped at the end of the semester. If a student misses a quiz, they will have one week to make arrangements to makeup the quiz or they will receive a zero.
* Homework for the week will be turned in on the following Monday at the beginning of the class. Late homework will not be accepted. Students who are absent on Monday, will turn in their assignment on their first day back at the Beginning of class.

EXAMS (60%)

* If an exam is missed, the student must see the teacher on the student’s 1st day back in class to schedule a date to makeup the exam. The exam needs be made up within one week of the student’s return to school. If a student fails to schedule a makeup exam, the exam score becomes a zero.
* After each test, the student will be required to complete a rework of the chapter test. The rework consists of reworking each problem that you did not receive full credit for on the test. To do a rework, you will explain why you missed the problem on the test and work the problem correctly. The rework will count as a test grade. For example, if you made an 80 on the original test and correctly completed the rework, you will receive a 90 for the final test grade. You will have one week to complete a rework of the test. During this time, you may stay for tutoring to receive help or work together in groups. The student will be given the opportunity to retake any chapter test until they receive a satisfying grade. The rework must be completely and correctly done (tutoring is encouraged) before a retake will be given. All reworks and retakes must be completed by the end of the grading period.

**CLASSROOM RULES:**

* **Be prepared and in your seat before the bell rings. (Pencil sharpened calculator and book ready, etc.)**
* **Remain in seats until the bell rings. No clumping at the door.**
* **When the intercom comes on, be still and quiet**
* **Follow the school’s hall pass policy**
* **Stay with class during drills**
* **Respect others, their property and the classroom. (the smart board is off limits without permission)**
* **Sit only at the student desks/tables**
* **The intercom phone and the thermostat box are for teacher use only**
* **No food or drinks in the classroom. (Water is permitted unless bottles are left in the room)**