**COSBY HIGH SCHOOL**

**COURSE SYLLABUS**

**COURSE NAME:**  Bridge

**SEMESTER AND YEAR:** Fall 2023

**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

**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 Mathematics III or Algebra 2

**COURSE DESCRIPTION:**  Bridge Math is a course intended to build upon concepts taught in previous courses to allow students to gain a deeper knowledge of the real and complex number systems as well as the structure, use, and application of equations, expressions, and functions. Functions emphasized include linear, quadratic and polynomial. Students continue mastery of geometric concepts such as similarity, congruence, right triangles, and circles. Students use categorical and quantitative data to model real life situations and rules of probability to compute probabilities of compound events.

**COURSE SUPPLIES:**

**Paper**

**Pencils**

**Notebook**

**Calculator**

**Computer/Chromebook**

**Project Supplies (when needed)**

**Materials**

Chromebooks

Google Classroom

Edulastic (used for testing)

Savvas Realize Software and Textbook

**INSTRUCTIONAL AND EVALUATION METHOD:**

90 - 100% A Homework Average counts 20%

80 – 89% B Quiz Average counts 30%

70 – 79% C Exam/Project Average counts 50%

60 – 69% D

0 – 59% F

Attendance and a well-organized notebook are vital for successful completion of the course! I do not take up or grade notebooks, but notes are allowed to be used during a quiz. There will be quizzes, exams, projects and a 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 because I teach a night class for WSCC and during department meetings.

QUIZZES/HOMEWORK (30% / 20%)

* 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. If a student is absent, the quiz is available to take in Google Classroom.
* 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 will turn their assignments in using Google Classroom.

EXAMS/PROJECTS (50%)

* 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 may 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.
* Various projects will be assigned throughout the semester, including the Bridge Project. These projects will count as test grades.

**A final exam is required of all students that miss more than 3 days (excused or unexcused) of class. 3 tardies to class counts as a missed day. Field Trips or missing class to play in a school sports event do not count in the 3 days.**

**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)**