**COSBY HIGH SCHOOL**

**COURSE SYLLABUS**

**COURSE NAME:**  Integrated Mathematics 3 Remote

**SEMESTER AND YEAR:** Spring 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

**REQUIRED TEXTBOOK:** Edmentum

**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 II

**COURSE DESCRIPTION:**  Integrated Mathematics III is a course that uses problem situations, physical models, and appropriate technology to extend algebraic thinking and engage student reasoning. Problem-solving situations will provide all students an environment that promotes communication and fosters connections within mathematics, to other disciplines, and to the real world. Students will use physical models to represent, explore, and develop abstract concepts. The use of appropriate technology will help students apply mathematics in an increasingly technological world. The concepts emphasized in the course include analysis of “family of functions,” solving systems of equations, graphing, data analysis, and logarithmic and exponential functions. Additionally, the honors course shall include extended reading assignments that connect with the specified curriculum, oral presentations, projects that apply course curriculum to relevant or real-world situations, non-traditional testing including essays and open ended questions, hands on labs with connections to real world topics, and the integration of appropriate technology into the course of study.

**COURSE SUPPLIES:**

**Paper**

**Pencils**

**Graph paper**

**Notebook**

**Calculator**

**Computer**

**INSTRUCTIONAL AND EVALUATION METHOD:**

 9 Weeks Grade

93 - 100% A Unit Activity Average counts 5%

85 – 92% B Unit Discussion Average counts 5%

75 – 84% C Module Work Average counts 35%

70 – 74% D Unit Post Tests Average counts 30%

 0 – 69% F Pretests Average 5%

 9 Weeks Exam 20%

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

Daily attendance is taken by signing in at Google Classroom Stream.

I am available for tutoring on Tuesdays 3:20-4:20 PM.