**SAILS Math Syllabus Fall 2023**

**Tina Williamson Cosby High**

**Williamsont@cocke.k12.tn.us**

**CHS #119 3rd Block**

**SAILS Description:**

The Seamless Alignment and Integrated Learning Support (SAILS) program targets students who have not achieved college readiness benchmarks by introducing the college developmental curriculum into the high school senior year. Developed by K-12 teachers and higher-education faculty, SAILS embeds college Learning Support competencies into the high school senior year math course, allowing students to begin their college career prepared for credit-bearing coursework. SAILS utilizes a facilitated hybrid instructional model, combining the professional pedagogical expertise of the certified teacher with dynamic properties of multimedia and digital content. Research supports that this blended system of teaching and learning is the most effective at engaging students with their work and increases their success rate. For more information on SAILS go to *https://www.tbr.edu/academics/sails*. On twitter: *@SAILSTennessee*.

**Course Content:**

This course includes the study of real numbers (integers, fractions, decimals, applications, and basic geometry); operations with algebraic expressions (including rules of exponents), equations, inequalities, and proportions, linear graphing (including forms, functions, and inequalities); modeling and critical thinking (which includes systems of equations, quadratic equations and probability and statistics); advanced topics (geometry with composite figures, trigonometry, advanced graphing and additional methods to solve quadratic equations).

**Assignments:**

Students will work on all assignments online through the above link. All homework, quizzes, and reviews can be completed at any time internet access is available. Module tests can only be taken with a SAILS Instructor or Field Coordinator. Students should work the entirety of the class every day and it is suggested at least 2-3 hours outside of SAILS class each week in order to meet deadlines assigned by the teacher. Students should be aware that in order to pass a homework assignment, it must be completed with at least 90% accuracy. For quizzes and reviews, students must complete with 75% and for module tests 75%. A pacing guide is available in the classroom and each week the students will have a goal assignment to complete to stay on schedule.

**Rules for Testing:**

Unlike homework, quizzes, and reviews, the **Tests** can only be taken with a SAILS Instructor or Field Coordinator. All tests are password protected. A passing grade of 75% is required before the student can progress to the next module. Academic Integrity must always be observed during a test and is further detailed in the Student Academic Integrity Contract.

**Supplies:**

Students will need to bring a pencil, paper, calculator, and SAILS formula sheet (Provided) every day to class. Although the school may provide calculators for students while in class, it is helpful to have one at home. See your instructor if you have any questions.

**Materials:**

SAILS Software package (Internet) TI-84 Calculator.

**Course Goals:**

* ***Completing SAILS Modules 1-5*** will allow the math remediation requirement to be waived at all Tennessee Community Colleges, Colleges of Applied Technology\*, and some Universities, both public and private.
* ***Completing SAILS+*** by passing a comprehensive final exam allows student to enroll in College Algebra or equivalent course. Please check with your anticipated college/university for their acceptance policy.

**Grading Policy:**

This class is a semester class that is not graded by 9 weeks. The grade listed on the 1st 9-week grade card will be a progress report as to the progress of your work in the class. All grades for this class will be in the 1st 9-week section of Aspen. You can also see the grades for your work on the SAILS website, but remember that it is showing you the grade of your completed work. It does not include any 0s that you may receive for uncompleted work.

Homework: 10%

Quiz / Review: 15%

Tests: 75%

**Classroom Technology Policy:**

 *The cell phones must be out of sight at all times. Cell phones need to be placed in an alternative location during class. A charging station is provided.*