

# SAILS Math Syllabus 2020/2021

Instructor: Mr. Shane Wigginton

Classroom: W10

Planning Period: 6th

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## **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 80% and for module tests 75%. See attached pacing guide.

## **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 (attached).

**Supplies:**

Students will need to bring a pencil, paper, calculator, and SAILS formula sheet every day to class. It is helpful to also have a calculator at home. All classroom laptops have calculator apps. All SAILS instructors have been supplied with an acceptable list of calculators for SAILS. See your instructor if you have any questions.

**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.  
\* *Pending approval expected September 2019*
- **Completing SAILS+** by passing a comprehensive final exam allows students to enroll in College Algebra or equivalent course. Please check with your anticipated college/university for their acceptance policy.

**Grading Policy:**

Your grade will be calculated based on the completion of the pre-test, module work, practice test, and post-test. 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 80% and for module tests 75%. See attached pacing guide.

All tests must be completed in class. Students must show work for the pre-test and post-test to receive credit. Students will be responsible for keeping a notebook as well as completing daily assignments. Students will be graded using a scale as follows:

<b>A</b>	<b>93-100</b>
<b>B</b>	<b>85-92</b>
<b>C</b>	<b>70-84</b>
<b>F</b>	<b>0-69</b>

<b>Module 1-2</b>	<b>Completed by the end of 1st Nine Weeks</b>
<b>Module 3-4</b>	<b>Completed by the end of 2nd Nine Weeks</b>
<b>Module 5</b>	<b>Completed by the end of 3rd Nine Weeks</b>
<b>Module 6</b>	<b>Completed by the end of 4th Nine Weeks</b>

**Classroom Technology Policy:**

Cell phone use distracts from module completion and should not be used. Calculators and Chromebooks are provided for students.

**Classroom Rules:**

1. Use your best judgement in all situations.
2. Do what's right.
3. Refer to school rules in student handbook.