

## **SAILS Statistics 2025 - 2026 Syllabus**

**Teacher Name: Tina Williamson**

**Email Address: Williamsont@cocke.k12.tn.us**

**Classroom: Room #119**

**Tutoring: 3:15 – 3:45 or by appointment**

### **Course Outcomes:**

#### What is SAILS?

General Overview: 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. For more information about SAILS, visit [www.tbr.edu/sails](http://www.tbr.edu/sails).

#### Course Description

SAILS Statistics exposes students to statistical concepts with the needed support of reviewing the underlying mathematical concepts. SAILS Statistics helps students prepare for college statistics by aligning high school and college curricula while giving them an Early Postsecondary Opportunity (EPSO) through statewide dual credit, college readiness in mathematics, and high school requirements such as the fourth year required high school math course.

### **INSTRUCTION:**

#### Materials Needed:

- Graphing calculator
- Ti-83/84 recommended
- Calculator provided in class
- SAILS Statistics Formula Sheet

#### Course Content – Combination of Modules and Type of Course Credit

#### **Required: SAILS Statistics = 10 Modules**

Module 1 – Gathering Data

Module 2 – Preparing for Statistics

Module 3 – Describing Data

Module 4 – Organizing & Displaying Data

Module 5 – Probability

Module 6 – Discrete Random Variables

Module 7 – Normal Distribution

Module 8 – Confidence Intervals

Module 9 – Hypothesis Testing  
Module 10 – Correlation & Regression

\*Students that complete the SAILS Statistics modules will be able to take Introductory Statistics or Math for General Studies at TN's community colleges and some public or private universities in TN without additional remediation.

**Optional: SAILS Algebra = 5 modules**

Module 1 – Real Numbers  
Module 2 – Operations with Algebraic Expressions  
Module 3 – Equations, Formulas, & Proportions  
Module 4 – Linear Graphing  
Module 5 – Inequalities & Systems

\*Students that complete the SAILS Statistics and SAILS Algebra modules will be able to take several additional math courses at TN's community colleges without additional remediation. Visit [www.tbr.edu/sails](http://www.tbr.edu/sails) for a complete list of schools accepting SAILS Statistics.

**Optional: SAILS TCAT = 3 modules**

Module 1 – Real Numbers  
Module 2 – Expressions & Problem Solving  
Module 3 – Geometry & Trigonometry

\*Students that complete the SAILS Statistics and SAILS TCAT or SAILS Statistics and SAILS Algebra modules will not be required to take additional math remediation at TN's TCATS.

**Assessment and Grading:**

Homework, Quizzes, and Module Testing Policy

All homework, quizzes, module tests, and any required activities must be completed by the scheduled due dates. Students may work ahead and complete early when approved by the classroom teacher.

All homework, quizzes, and module tests are completed in Pearson Publishing MyLabs Math - <https://mlm.pearson.com/northamerica/> and make up the majority of the course grade. However, along with Pearson online assignments, resources and study materials, there may be other class activities and teacher led learning opportunities throughout the term.

Homework Assignments:

- Minimum Passing Score = 90%
- In order to score 100%, each video must be opened and viewed.
- Assignment score update is available as you work through the assignment.
- Three attempts are given per problem, then a similar problem is offered.

- Question Helps Available:
  - *Assigned Media*: Links to relevant content video that is included in each assignment.
  - *Help Me Solve This*: Walks through the problem, requiring student input along the way. After completing Help Me Solve This, the student will get a different problem to work through.
  - *View an Example*: A similar problem is provided without required student input. After completing View an Example, the student will be provided the problem to complete using the example.
- **DO NOT** attempt to work on homework through the gradebook, **the work will not be saved**. All assignments must be entered through the **Assignments menu on the left navigation bar** to have any work saved for a grade. Always check out what is coming next.

#### Quiz Assignments (includes Review for Test Assignments)

- Minimum Passing Score = 75%
- One attempt per question
- Scores and each Quiz can be reviewed in the gradebook after submitting.
- No Question Helps available
- Attempts limited to five

#### Module Tests:

- Minimum Passing Score = 75%
- One attempt per question
- Scores provided after submitting.
- Students cannot review Module Tests from their gradebook.
- No Question Helps available
- Remediation homework must be assigned as needed
- Can only be taken with a SAILS Instructor or Field Coordinator. All tests are password protected.

#### Statewide Dual Credit Challenge Exam:

All students enrolled in SAILS statistics are required to take the Introductory Statistics Statewide Dual Credit challenge exam. The exam has 50 multiple-choice questions. Students will have 150 minutes to complete the exam. Students that get 70% of the questions correct will earn college credit for Math 1530, Introductory Statistics.

**Challenge Exam Date:** **[April 30, 2025]**

#### Academic Integrity Statement

We have promised higher education institutions that our SAILS completers were held to the standards of a college course. Violations of academic integrity undermine the validity of our

program and the SAILS course itself. We must be able to guarantee that students demonstrated mastery of the skills through a proctored test. This is the single most important piece of our course. Without it, the SAILS course is not valid, and we do not have actual student success.

#### **Course Integrity Statement**

We must maintain the integrity of the course in order to maintain the college standards. We must not change anything about the way the course is delivered to the students. This is the second most important piece of our course.

#### **GENERAL EXPECTATIONS:**

Attendance is vital for successful completion of the course!

#### **CLASSROOM RULES:**

1. Be prepared and in your seat before the bell rings.
2. Remain in seats until the bell rings. No clumping at the door.
3. When the intercom comes on, be still and quiet
4. Follow the school's hall pass policy
5. Stay with class during drills
6. Respect others, their property and the classroom. (the smart board is off limits without permission from the teacher)
7. Sit only at the student desks/tables
8. The intercom phone and the thermostat box are for teacher use only
9. No food or drinks in the classroom. (Water is permitted unless bottles are left in the room)

#### **ACADEMIC HONESTY:**

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The teacher expects all students to refrain from acts of academic misconduct including but not limited to:

1. According to Harbrace Handbook, 15 Edition:
  - a. Plagiarism is defined as “presenting someone else’s ideas, research, or opinions as your own without proper documentation, even if it has been rephrased.”
  - b. This includes but is not limited to:
    1. Copying verbatim all or part of another’s written work;
    2. Using phrases, figures, or illustrations without citing the source;
    3. Paraphrasing ideas, conclusions, or research without using the source;
    4. Using all or part of a literary plot, poem, or film without attributing the work to it’s creator.
2. Cheating - construed as attempting to deceive or mislead which includes, but is not limited to the following:
  - a. Utilizing old tests, projects, notes or written papers that are not your own to be turned in.
  - b. Providing unauthorized information to a fellow student about exam content.
  - c. Receiving unauthorized aid from any source with quizzes, examinations, or other assignments.
  - d. Seeking information in an unacceptable manner during/preceding an exam or other assigned work (cheat sheet, verbal exchange, looking at another person’s paper or electronic device, utilizing headphones, using textbook when the test/quiz is not an open book test/quiz, using textbook test bank etc.).
  - e. Consulting with a classmate or others when taking a computerized test.
  - f. Disregarding other specific policies and procedures outlined for a particular class.
  - g. Utilizing unapproved technology/electronic equipment during testing (i.e.: mobile devices such as cell phones, smart devices, ChatGPT, etc.).
  - h. Using the same Internet Protocol network address (IP address) as another student for testing without approval from the course faculty.
3. The use of any generative artificial intelligence (AI) tool must be cited for any assignment where it has been used and may not be used unless specifically allowed by your instructor. Please see your teacher if you have questions.

Academic Dishonesty Consequences: Students who are found guilty have the option of either redoing the assignment within a specified time-period and accepting a letter drop in grade or taking a zero on the assignment.

### **RELIGION IN THE CLASSROOM:**

The board affirms that it is essential that the teaching about religion – and not of a religion be conducted in a factual, objective and respectful manner in accordance with the following guidelines:

Cocke County Board Policy 4.804:

Educational content which consists of religious themes shall be presented in a factual, objective, and respectful manner in accordance with the following guidelines:

1. Religious themes may be a part of the curriculum for school-sponsored activities and programs provided it is essential to the learning experience in the various fields of study and is presented objectively.
2. The inclusion of religion shall be for educational purposes only.
3. The emphasis on religious themes should be only as extensive as necessary for a balanced and comprehensive study of the curriculum. Such studies shall never be used to proselytize, establish, foster, or demean any particular religion, religious tenets, or beliefs.
4. Student-initiated expressions to questions or assignments which reflect their beliefs or non-beliefs about a religious theme shall be accommodated.