

Course Syllabus

Booker T. Washington High School

School Term: 2022/2023 School Term

Course: Algebra I/w Probability

Teacher: Ellen Tolbert

Welcome to Algebra I with Statistics for the school term 2022-2023!
Please refer to the following information on course proceedings for the semester.

Booker T. Washington High School

Vision

*The vision of Booker t. Washington High School is that we are:
Unified, Motivated, Educated and Connected... with Love.*

Mission

*The mission of Booker t. Washington High School is to develop technologically competent
individuals who are: Equipped, A*

Motto

“ Rising to Meet the Challenge!”

Mantra:

“The Power of One...Opportunities Never End!”

Classroom Motto:

“Do What You Need to Do, So that You Can... Do What You Want to Do.

Course Description:

Algebra I is a course designed to extend students' knowledge of algebraic skills previously taught after the successful completion of Geometry with Data Analysis. Students are encouraged to solve problems using a variety of methods that promote the development of communication skills and foster a deeper understanding of the subject matter. To help students appreciate the power of algebra, applications involving real-life situations are incorporated throughout the course. The use of application technology is also encouraged.

Classroom Rules

1. Raise your hand and wait for permission to speak or leave your seat.
2. Show respect for yourself, your teacher, classmates, faculty and others at all times.
3. Keep your hands, feet and objects to yourself.
4. Remain in seat at all times unless granted permission to move by the teacher.
5. Listen quietly and follow directions carefully.
6. Always come to class prepared with the necessary supplies for this course. **(Pencils Required Daily)**
7. Please, no eating, drinking or chewing gum or candy in class without permission.
8. Refer to Student Code of Conduct for general rule policy information.

Classroom Supplies:

Pencils, paper, 3-ring binder (1 1/2" - 2"), dividers with pockets, scientific calculator, one pack of graphing paper, personal pencil sharpener, Charged IPAD.

**Please sign and acknowledge that you have received this Course Syllabus Algebra II for the 2nd Semester school term 2013/2014.

Student Signature _____ Date _____

Parent Signature _____ Date _____

The Alabama CCRS Objectives will be measured as follows:

- Tests
- Quizzes
- 10-Minute Checks (mini 10-minute quizzes)
- Homework
- In-Class Assignments
- Oral Presentations and Reports
- Writing in Mathematics
- Independent Projects
- Collaborative Projects
- Performance Tasks
- Observations
- Interviews
- Standardized Tests
- Note-taking and Notebook Organization

Note-Taking: Is required each day. Please have pencil, paper and necessary supplies daily.

Grading:

Grades will be assigned according to school and board policies.

- Final Examination - 10%
- Tests/Quizzes - 35%
- Projects - 20%
- Homework - 10%
- In-Class Participation (Journal Writing, in-class activities, etc...) - 25%

- ❖ **Note:** Late Homework will not be accepted unless an authorized school excuse is presented.
- ❖ **Note:** A score of Zero will be recorded for all missing quizzes, tests, or in-class assignments. Students will have 3 days to make up a missed assignment once he/she returns to school. A zero will be recorded after 3 days in the Powerschool portal.
- ❖ **Note:** It is the student's responsibility to make arrangements with the teacher to make up any missed assignments.

Note:

1. The academic misconduct policy of the school will be followed in this course.
2. The attendance policy of the school will be followed for this course.
3. Any student who receives failing grades during this course is urged to discuss this with the teacher immediately.

36 - Week Pacing	
*This is a tentative schedule; changes will be made as needed.	
Week 1 - 3	Unit 1: Solving Equations
Week 4 - 6	Unit 2: Functions
Week 7 - 8	Unit 3: Graphing & Analyzing Linear Functions
Week 9- 10	Unit 4: Piecewise Functions & Absolute Value Functions
Week 11 - 12	Unit 5: Systems of Linear Equations
Week 12 - 14	Unit 6: Systems of Linear Inequalities
Week 14 - 16	Unit 7a: Graphing & Analyzing Exponential Functions
Week 17 - 19	Unit 7b: Graphing & Analyzing Exponential Functions
Week 19 - 20	Unit 7b: Graphing & Analyzing Exponential Functions
Week 21-23	Unit 8: Arithmetic & Geometric Sequences
Week 24 - 26	Unit 9: Statistics & Probability
Week 27 - 30	Unit 10: Polynomials
Week 31 - 32	
Week 33 - 34	Unit 11: Introduction to Quadratic Functions
Week 35 - 36	Unit 12: Graphing & Solving Quadratic Equations Semester Review & Exams