



Southside High School
Algebra 2 CP
Syllabus 2023 - 2024

Instructor(s): Denise D. Chavis

Location: Room 214

Phone: 864.625.3397 (Google Voice) You can call or text this number. Please identify yourself and your child.

Email: dchavis@greenvilleschools.us

Tutoring/Office Hours: Tutoring available upon request - Monday and Wednesday afternoons

OFFICE HOURS: 1st Semester: (10:20-11:30 AM Monday - Friday)

2nd Semester: (10:20-11:30 AM Monday - Friday)

Instructor(s)' Schedule:

FIRST SEMESTER	
1st Block (8:45-10:15):	Pre-Calculus CP
2nd Block(10:20 - 11:55):	Planning
3rd Block (12:00 - 2:10):	Algebra CP
4th Block (2:15 - 3:45):	IB Math
SECOND SEMESTER	
1st Block (8:45-10:15):	Pre-Calculus H
2nd Block(10:20 - 11:55):	Planning
3rd Block (12:00 - 2:10):	Algebra CP
4th Block (2:15 - 3:45):	IB Math

COURSE DESCRIPTION: Students will study and demonstrate knowledge of Exploring Linear Expressions and Equations, Exploring and Analyzing Patterns, Applications of Quadratics, Composing and Decomposing Functions, Characteristics of Polynomial Functions, Relating Factors and Zeros, Polynomial Models, Rational Functions, Radical Functions, Exponential and Logarithmic Functions, Exponential and Logarithmic Equations, and Application of Growth Modeling. Students will also study and demonstrate knowledge of how to represent and analyze relationships using tables, equations and graphs; apply basic operations on polynomials; use basic operations on rational and irrational numbers; and communicate mathematically.

TEXTBOOK(S): Carnegie Learning, Algebra 2 / Mathia used for supplements.

INSTRUCTIONAL PHILOSOPHY: The Mathematics Department of Southside High School believes that all students can succeed. We follow South Carolina College- and Career-Ready Standards at every level to plan and implement lessons designed to improve mathematical skills in a logical, systematic, and sequential manner. A variety of teaching and assessment strategies are used to address multiple learning styles. We adhere to the district grading guidelines and to its scope and sequence recommendations in order to help each student realize his or her potential as a learner.

ATTENDANCE: We are currently on a 100% attendance plan. Should school guidelines change in the future, this class will follow all guidelines set out by school-wide administration.

TARDINESS TO CLASS: Students are expected to be in the classroom before the tardy bell rings for class. Repeat offenders will be subject to the school's disciplinary guidelines.

SHS Late Work Policy:

Make-up Work:

All work must be completed and turned in according to teacher directions within one week of returning to school.

Late Work:

You have five days from the test day to make up work from that unit. Speak with the teacher if there are special circumstances.

Minors	Major (not tests)	Tests
Late work in the minor category will be accepted until the major/summative assessment at the end of the unit, and are subject to a penalty of 15% (flat percentage TBD- greater deduction than CP/Honors)	Late work in the major category will be accepted within 3 school days of the due date, and the grade will be deducted by 15 points per day. After the 3 school days have passed, the grade becomes a zero.	Tests can be made up for full credit if made up within five days of return to school. Students must arrange a make-up test with the teacher. After the 5-school days have passed, make up tests should still be available <i>up until the grade cutoff date for the quarter as defined by the teacher</i> , but are subject to a penalty of 10% .

TEST CORRECTIONS

Test correction process will be explained in class and must be completed no later than 5 days from when you take the test. You will receive half credit back for correct answers.

Mastery of Topics

If you receive an 80 or higher on the test including test corrections, minor assignments below 60 will be floored to 60. However, if you do not receive an 80 or higher by the deadline for test corrections, your minors will remain at the score received.

ASSESSMENT & GRADING POLICY: Students are encouraged to conference with the instructor at a mutually agreed upon time so they can discuss their academic strengths and needs. Assessments will be formative (evaluating academic needs) and summative (evaluating academic progress).

Major: 60%

Minor: 40%

ACADEMIC DISHONESTY: Students are expected to uphold a high level of integrity and honesty when it comes to submitting original works. Any student who is found in violation of the provisions set by the academic integrity code in the student handbook will receive an automatic zero for the assignment. Additionally, further action may be taken by the administration.

Cell Phone Policy

Based on input provided from schools across the District, including ours, Greenville County Schools has updated the [Administrative Rule JCDA](#) with the goal of creating a more consistent practice regarding the use of personal electronic devices during the school day. Beginning January 4, 2024, personal electronic devices cannot be used by high school students in classrooms during the instructional day. All personal devices must remain out of sight of others during this time. Students may use personal electronic devices during class changes, lunch, and other times outside of the classroom during the instructional day unless directed differently by the principal or principal's designee. The instructional day for high schools has been defined as 8:45 a.m. to 3:45 p.m. The instructional school day for other special centers shall be determined by the location administrator in accordance with the instructional activities of that facility. Students not adhering to this policy could face disciplinary action in accordance with [Board Policy JCDA](#).

REQUIRED MATERIALS: Chromebook, notebook, pencil

Recommended: Graphing calculator

BEHAVIORAL EXPECTATIONS:

- When in the building, arrive to class on time, collect necessary materials and begin on the bell ringer at your seat
- Do not engage in activity that is disruptive to the class, disrespectful to others or destructive in any way
- Be respectful to me as well as your fellow classmates when they are speaking, do not interrupt or speak over people
- Follow all rules set out in the student handbook, the teacher will follow consequence matrices as per the student handbook

CONSEQUENCES:

If a student fails to obey the classroom procedures and rules:

- 1st & 2nd offense: Warning (individual conversation between student and teacher)
- 3rd & 4th offense: Call home to parents/guardians, written referral to administrator
- 5th or more offense: Referral, parent-teacher conference with administrators and student

COURSE OUTLINE: Instruction will follow the timeline below.

1st Quarter

Unit 0: Review & Remediation

Topics Covered: Real number system, order of operations, combining like terms, solving equations, literal equations, inequalities, absolute value

Major Assessment(s) - Section quizzes, unit test

Standards Covered: A1.NRNS.3, A1.AREI.1, A1.AREI.3, A1.ACE.1, A1.ACE.2, A1.ACE.4

Unit 1: Exploring Relationships

Topics Covered:

- Exploring Linear Expressions and Equations,

- Exploring and Analyzing Patterns,
- Applications of Quadratics

Major Assessment(s) - Section quizzes, unit test

Unit 2: Analyzing Structure

Topics Covered:

- Composing and Decomposing Functions,
- Characteristics of Polynomial Functions,

Major Assessment(s) - Section quizzes, unit test

2nd Quarter

Unit 3: Developing Structural Similarities

Topics Covered:

- Relating Factors and Zeros,
- Polynomial Models,
- Rational Functions

Major Assessment(s) - Section quizzes, unit test, equations city project

Unit 4: Inverting Functions

Topics Covered:

- Radical Functions,
- Exponential and Logarithmic Functions,
- Exponential and Logarithmic Equations
- Applications of Growth Modeling

Major Assessment(s) - Section quizzes, unit test, equations city project

SCCCR Standards for Algebra 2 can be found at:

<https://ed.sc.gov/scdoe/assets/File/instruction/standards/Math/PrintableSCCCRAgebra2Standards201516.pdf>