



Carolina High School and Academy

Algebra 2 CP with Probability

Syllabus 2026 - 2027

Instructor Name(s): Felecia Mitchell

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Instructor(s)' Schedule:

	FALL Semester	SPRING Semester
1st Block	Geometry with statistics CP	Algebra 2 with Probability CP
2nd Block	Algebra 2 with Probability Honors	Geometry with Statistics CP
3rd Block	Planning	Planning
4th Block	Geometry with statistics Honors	Algebra 2 with Probability CP

COURSE DESCRIPTION: Algebra 2 (A2P) is a course designed for students seeking access to higher levels of mathematics after completing Geometry and Algebra 1. A2P serves to deepen understanding and intuition about a wide variety of functions such as polynomial, rational, radical, exponential, and piecewise. Building on principles learned from Geometry and Algebra 1, the purpose of this course is to graphically investigate and compare functions, analyze rates of change, and determine solutions of “real- world” problems at a higher conceptual level than can be achieved algebraically.

LEARNING OBJECTIVES: [Essential Standards](#)

COURSE OUTLINE: Instruction will follow the timeline below

Units/Topics	Approximate Days
Unit 1: Features of Functions	13 days
Unit 2: Quadratics	15 days
Unit 3: Polynomials	15 days
Unit 4: Rational Functions	10 days
Unit 5: Radical Functions	9 days
Unit 6: Exponential Functions	8 days
Unit 7: Probability	7 days
Unit 8: Unit Circle	3 days

***Pacing may change due to teacher discretion**

MATERIALS NEEDED FOR CLASS:

- Notebook for class
- Bring a writing utensil
- Charged Chromebook

CLASSROOM EXPECTATIONS:

All the school norms will be followed in the classroom.

Norms and Procedures:

1. Be fully present
2. Be mindful of communication
3. Foster a safe environment
4. Collaborate and work with a growth mindset toward our mission and goal

If expectations are not met:

- 1st Offense: Verbal Warning
- 2nd Offense: Intervention with Teacher
- 3rd Offense: Student makes phone call home (must be documented in IMS)
- 4th Offense: Referral to administrator

PERSONAL ELECTRONIC DEVICE POLICY: Our goal is to have students engaged in learning while they are present in school. Personal electronic devices are not allowed during the school day. Consequences are described below:

1st Offense	Detention
2nd Offense	1 Day ISS
3rd Offense	1 Day OSS

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 assessments: 60%

Minor assessments: 40%

LATE WORK POLICY:

If the student does not turn the assignment in on time, Follow this Policy:

- Assignment needs to be submitted as soon as possible
- Any work from a previous quarter will NOT be accepted

RE-DO/RE-TAKE/REVISION PROCEDURES:

If a student is absent, this follows the make-up work policy:

- The student gets the number of days absent plus one day
- The make-up work policy takes place when a student is absent for any reason (ISS, OSS, etc...)
- The student must attend a remediation to make up tests/quizzes missed