

ALGEBRA II SYLLABUS

CORBETT HIGH SCHOOL

Instructor: Amanda Dudley

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Course Description:

Algebra II develops and builds on the Algebra I concepts within linear, exponential, and quadratic functions. It introduces polynomial, rational, and logarithmic functions, and is meant to prepare students for Pre-Calculus.

Things to bring to class every day

- Calculator REQUIRED - Scientific or Graphing
TI-30XS Multiview recommended (under \$15 on Amazon)
- Algebra II Packet
- Paper
- Pencil

Expectations

- Be kind and respectful of each other and the learning process.
- Give your best effort.
- Follow classroom procedures.
- Class time is math time ONLY.
- Absolutely no cell phone, I-pad, or I-pod use in class. (Unless specifically given permission.)

Standards

- Personal Management: Exhibit appropriate work ethics and behaviors in school, community, and/or workplace.
- Problem Solving: Apply decision-making and problem-solving techniques in school, community, and/or workplace.
- Communication: Demonstrate effective and appropriate communication skills to give and receive information in school, community, and/or workplace.
- Teamwork: Demonstrate effective teamwork in school, community, and/or workplace.
- Employment Foundations: Demonstrate academic, technical, and organizational knowledge and skills required for successful employment.

Unit Packets

Each unit will be accompanied by a few Unit Packets, complete with learning objectives for each skill, guided notes, practice exercises, and review. The packets will be completed through in-class notes, in-class work time, and homework. These completed packets are due for credit at dates specified throughout the trimester. Unit Packets are worth 10% of your overall grade each trimester.

Skill Quizzes

A Skill Quiz will be given for each skill covered in your Unit Packet. Each quiz will be given a rubric score of 0-5 (see the Grading Rubric). You will keep track of your rubric scores for each skill in your Unit Packet. Skill Quizzes are worth 80% of your overall grade each trimester.

** Quiz Retake Procedure (Optional): To retake a skill quiz, quiz corrections must be completed on a separate sheet of paper, stapled to the original quiz, and turned into the Corrections basket in the classroom. After the corrections have been checked off by Mrs. Dudley and returned, a retake quiz can be taken at lunch time on Thursdays. You will receive the higher of the two quiz scores.

Unit Exams

There will be a unit exam at the end of each unit. These will be cumulative exams of concepts covered throughout the unit. Some review time will be spent in class for these exams. The unit exams are worth 10% of your overall grade each trimester.

Absence Policy

If you miss class, regardless of the reason, you will still be responsible for the material covered the day of your absence. Any practice assigned will be available to you in your unit packet. If you miss a Skill Quiz, you will need to find time outside of class (lunch or after school) to make up the quiz. If you miss multiple days in a row, it is imperative that you contact Mrs. Dudley to discuss how you will get caught up in class.

Grading

Your final grade will be calculated with the following formula:

$$\text{Final Grade \%} = (\text{Avg Unit Packet \%}) \cdot (.10) + (\text{Avg Skill Quiz \%}) \cdot (.80) + (\text{Avg Unit Exam \%}) \cdot (.10)$$

The grading scale is as follows:

100 - 90%	A
89 - 80	B
79 - 70	C
69 & Below	I (Incomplete)

** Students earning an "I" will be given a plan to recover credit for that trimester. This might include retaking certain skill quizzes or retaking the whole class.

** Mrs. Dudley will give a recommendation at the end of the school year for your next math class placement. Typically, the next course is Pre-Calculus.

Algebra II Units

- Unit 1: Linear & Absolute Value Functions
- Unit 2: Quadratic Functions
- Unit 3: Polynomial Functions
- Unit 4: Rational Functions
- Unit 5: Exponential & Logarithmic Functions
- Unit 6: Radical Functions
- + Geometry

Signatures

"We have read and understand the expectations and grading procedure for Mrs. Dudley's Algebra II class."

Parent Signature: _____ Date: _____

Student Signature: _____ Date: _____