



CENTRAL DAUPHIN HIGH SCHOOL

437 Piketown Road
Harrisburg, PA 17112
717-703-5360
717-703-5730 (Fax)

Kenneth Miller, Principal
Robert Benkovic, Assistant Principal
Kristin Herb, Assistant Principal
Frederick R. Porter Jr., Assistant Principal
Eric Shrader, Assistant Principal

R.A.M.S. PRIDE
Resiliency-Acceptance-Motivation-Strength

CP Algebra II

Course Syllabus

Instructor: Mr. Moreland

Contact: Email- bmoreland@cdschools.org

Location: CDHS Room 160 M-F (all sections)

Textbook: Glencoe McGraw-Hill Algebra II

Algebra II is the gateway to higher maths, 3D graphics, competent business management and a better understanding of basic data management.

Course Topics:

Equations and Inequalities
Linear Relations & Functions
Systems of Equations
Factoring
Quadratic Functions (Graphing & Solving)
Polynomial Functions
Radical Equations
Optional: Conics

Devices are to be used for classroom purposes only, as directed by the teacher.

Supplies:

Binder, Notebook or Folder
Graph Paper & Notebook Paper
Pencil and Eraser
Scientific Calculator (a Graphic Calculator is recommended for class but not the test)

Expectations:

A positive attitude and a willingness to try!
Prepared to learn and on time.
Respectful of self & others.
One person talks at a time.
Encourage others to learn.
Follow school rules.

Our goal is for **every student** to succeed with confidence.



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Grading

Grading for each Marking Period will conform to district & department guidelines:

- 50% Tests
- 25% Quizzes & Projects
- 25% Homework, Classwork & Class Participation

(Per school policy, late work is docked 10% per day, 3 days max – please see the district website for exceptions.)


Daily Classwork & Participation Rubric:

- 100%** Student honestly attempts each portion of warm-up exercise, gives meaningful oral and written answers during class, is respectful to self and others and obeys all school rules (eg: behavior, dress code, device usage, ...)
- 50%** Student is lacking in either complete or meaningful attempt of oral or written work but follows all rules OR student performs all work as described above but disobeys rules or direction in such a way that does not disrupt class.
- 0%** Student performs little work or refuses classwork (any), demonstrates disruptive or disrespectful behaviour or both.

* Test, Project & Review days are weighted heavier than regular days.

Portfolio:

Students will be required to maintain a math portfolio to aid in organization and review of key concepts. This portfolio will be organized in a binder and brought to class daily with their math materials. This folder is subject to grading after each unit and may be used as evidence of the student's homework progress & grade. The portfolio consists of homework, projects, performance tasks, journal responses

 Homework assignments & Journal prompts are on Mr. Moreland's CDHS District Teacher page [Google: Moreland CDHS] Portfolios are always due at the end of each unit test day.