

Algebra II
Course Syllabus
Christal Eddington
Central High School
2017 - 2018

Course Description:

Algebra II is required for high school graduation. Algebra II is the third level of the four math courses required for a diploma. **The TCAP End of Course EXAM is required in this course.**

Instructional Philosophy

We at Central High School believe every student should be given the opportunity to do his/her best. In order to provide the best possible environment for individual learning, instructional practices in this course will incorporate activities that allow for differences in learning styles. Ultimately, the philosophy of this teacher must reflect the mission statement of Central High School: "to develop lifelong learners through challenging expectations and to address the needs of all students, while promoting civic and social responsibility."

Major Course Goals:

The major goal of Honors Algebra II is to address the academic standards detailed in the Tennessee Mathematics Framework. The framework includes four Processes Standards:

- Structure and Operations
- Equations and Inequalities
- Functions
- Interpreting Data

Topics which will be covered in Honors Algebra II include the following:

- Functions
- Quadratic Functions, Equations, Relations
- Polynomial Functions, Expressions, and Equations
- Rational Functions, Equations, and Relations
- Radical Functions, Equations, and Relations
- Exponential and Logarithmic Functions and Equations
- Trigonometric Functions
- Probability
- Statistics

Classroom Assignments

Assignments will be varied and will explore problems that are challenging and involve higher-order thinking skills.

Course Assessment

Grades in this class will represent achievement on daily work, worksheets, quizzes, tests, projects and research. **A notebook is not required, but I strongly recommend that each student keep a notebook. The notebook should contain class notes and daily assignments for each module. The students will be allowed to use their notebooks on all tests except for the TCAP End of Course EXAM!!!** Additionally, Honors Algebra II classes will have projects as described in the above section which will extend the regular studies.

The formula that I use for calculating your grades is as follows:

$$\frac{\textit{Total Points Earned}}{\textit{Total Points Possible}} \times 100 = \textit{Your Grade}$$

Supply List

Paper, Pencil, Folder

Bring paper, pencil, workbook, and assignments to class **every day!**

Class Rules

Be Courteous and respectful to each other.

Follow directions.

Contact Information

Please feel free to contact me with any questions or concerns you may have.

School Phone Number: 423- 263-5541

Planning Time: 3rd Period (10:10 am – 11:00 am)

E-mail: ceddington@mcmminnschools.com

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By signing below you are acknowledging that you have read and understand the Class Policy, Class Rules, and Class Syllabus.

Class Period _____

Christal Eddington

Print Student Name

Student Signature

Print Parent/Guardian Name

Parent/Guardian Signature

Parent/Guardian Phone Number

Parent/Guardian email

If there is any information that you feel that I need to know about your student, please use the area below or email me at ceddington@mcmminnschools.com.

Thank You,