

# Algebra II: Mini-Syllabus

Mr. David Kelman  
kelman\_d@hcde.org  
512.289.4036 (m)

You are here:

Medicine→Biology→Chemistry→Physics→**Mathematics**→Philosophy

↖ ↑ ↗  
Engineering

## 1 Handouts, Class Binder

All students should designate a three-ring binder for use for storage of important handouts and documents. All class handouts and reference sheets should be stored in this binder, starting with this syllabus.

## 2 Grading

Per Hamilton County standards: During the first semester, each quarter will count equally towards the semester grade. During the second semester, each quarter will count 37.5% towards the semester grade, and the Tennessee Algebra II EOC will count for 25%.

## 3 Projects

We will undertake several projects during the year. For each quarter, the projects during that period cumulatively will count towards 20% of the quarter score. Projects will include group and individual activities; project weights will vary.

## 4 Quizzes

Quizzes involve a mix of scenarios and other word problems, abstract exercises, and short answer essays. Quizzes will count cumulatively towards 50% of each quarter score.

## 5 Homework, essays, and seminars

These activities will count cumulatively towards 20% of each quarter score.

## 6 Participation and Focus

This will count for 5% of each quarter score.

## 7 Quality and Paideia Values

Quality and “professionalism” of student work will be a consideration in grading of all assignments. In addition to this, 5% of each quarter score will be based upon a student’s level of dedication to quality work and Paideia values.

## 8 Collaboration

Students are encouraged to discuss concepts and material outside of class. Students must *formulate* and write up their own solutions for homework, but (unless otherwise indicated for certain problems) assignment fundamentals may be discussed.

## 9 Needed Materials

You will need the following materials for this class:

**Three-ring binder**

**Loose-leaf college-ruled letter-size paper.**

**Graph paper:** At a minimum, this paper should be printed such that the grid lines contrast with standard pencil and ink. For example, green grid lines are good, black grid lines are not. You may want paper where the scale differs between the front and back.

**Pencils.**

## 10 Suggested Materials

A calculator with which you are comfortable. Some quizzes will be no-calculator exercises, others will be calculator-optional, and a few will require minor calculator use (some classroom calculators will be made available in this case).

If you have a home computer: graphing software.