

Kemper Academy

Advanced Math

Teacher Info:

(Mrs.) Iva Lou Cumberland

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B.S. Degree in Biology (Pre-med curriculum), Millsaps College

Thirty-three years at Kemper Academy

Goals: to prepare students for college algebra and higher education and impress upon them the usefulness and importance of being literate in math, and to boost low ACT Math scores.

Focus: extensive review of algebra, right triangles, special triangles, trig functions and inverse trig functions, line values, Law of Sines and Law of Cosines, the circle, analytic trig and the unit circle, degree and radian measure, graphs of trig functions, trig identities, word problem applications

Supplies: Students should have a 2" binder that will contain all the graded work, handouts, and notes. The binder will not be taken up or graded; it is for the student to use as a reference and study guide. Notebook paper and #2 pencils are needed ( never ink with math!), as well as a graphing calculator (a TI-83 is sufficient).

Grading Scale: The final grade will be calculated as follows:

- Fall Semester Grade: 50%
  - 50% First Nine Weeks, 50% Second Nine Weeks
- Spring Semester Grade: 50%
  - 50% Third Nine Weeks, 50% Fourth Nine Weeks

Each nine weeks grade will be calculated as follows:

- Classwork: 15%
- Homework: 15%
- Subject Quizzes: 50%
- Nine Weeks Test: 20%