

## COURSE SYLLABUS

Applied Algebra I -- Fall 2009 -- James Pinion, Instructor

**Objective** -- You will use the learning materials presented in this course to reinforce skills that were learned in Pre-Algebra and learn new algebra skills as outlined by the Georgia Quality Core Curriculum. This course is designed to lay the foundation for virtually all of higher mathematics. **“The way to learn mathematics is by practice”** Paul Foerster.

**Term** – Applied Algebra I is a one-semester course on the 4x4 block.

**Pre-Requisite** – Pre-Algebra and teacher recommendation

**Text:** Algebra 1 (Expressions, Equations, and Applications) Paul A. Foerster

**Content** – We begin by reviewing the properties and axioms of algebra. The first part of the text is sequenced to lead to the Quadratic Formula by mid-year. The second part includes expressions with two variables, harder factoring problems, algebraic fractions, radical equations and inequalities.

**Grading Procedures : Major Tests: 60%. Daily Grade (quizzes and assignments that are taken up: 25%. Final Exam :At the end of the semester you will take the Georgia End of Course Test (EOCT) in Algebra I. It will count 15% of the course grade.**

**A notebook should be kept containing notes and assignments. Turning the notebook in for a grade is optional. If the notebook is deemed to be “acceptable” (at least 90% of assignments are completed), then the notebook grade will replace the lowest test grade.**

**Homework will not be taken up and graded on a daily basis. However, I will give daily assignments from time to time that will be taken up and graded. You may use your notebook (homework and notes) on quizzes.**

Progress reports will go out every 4 ½ weeks, report cards will be issued at the end of the semester.

If you have questions or concerns feel free to email me at [pinion@jeffcityschools.org](mailto:pinion@jeffcityschools.org)