

ADVANCED QUANTITATIVE REASONING

Coach Kniffen

F214

Welcome to AQR!

In AQR, students will apply the mathematical thinking and problem solving strategies to real world situations. It is essential that you attend class prepared and keep a positive attitude. I'm glad you are here and I want you enjoy my class.

Academic expectations include the following:

- Read mathematical problems actively and critically.
- Write effective solutions to problems, including steps in your thinking process.
- Present solutions to problems effectively.
- Use a graphing calculator to solve mathematical problems.
- Employ multiple critical and creative thinking strategies in reasoning and problem solving.
- Demonstrate a knowledge and appreciation of how mathematics can be used outside the mathematics classroom.

Curriculum time-line:

- 1ST SIX WEEKS – PROBLEM SOLVING STRATEGIES
- 2ND SIX WEEKS – PROBABILITY AND STATISTICS
- 3RD SIX WEEKS – COLLECTING AND ANALYZING DATA
- 4TH SIX WEEKS – DISTRIBUTIONS AND SAMPLING
- 5TH SIX WEEKS – PROPORTIONS, FINANCE, AND TRIGONOMETRY
- 6TH SIX WEEKS – MATRICES AND EXPONENTIAL GROWTH

Please keep the following expectations in mind each day so that we may all have a great year.

- Be Prepared Daily
- Be Respectful
- Follow the District and Classroom policies

Grading:

- Re-test/Test: Students will be Re-Tested on each concept on the next test. Frequently missed past test questions will be spiraled into each new unit to help prepare daily. Students who fail a test should also consider attending tutorials to see what was missed & what should be studied further to be successful on the ReTest. The ReTest can bring a failing test grade up to a maximum of a 70.
- Late work: 10 points per day for 3 days, grade becomes a 0 after 5 days
Excused absences will follow the KISD Grade Policy

Contact information:

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Have a great year and TFND!!