



AQR: Advanced Quantitative Reasoning

Course Syllabus

2016-17

Course Information: Advanced Quantitative Reasoning is a fourth-year course following Algebra II. Its primary purpose is to prepare students for college majors that are not math intensive, for technical training, or for a range of career options.

Teacher Contact Information:

DeeAnne Garrett

Email: deeanegarrett@misdmail.org

ItunesU: AQR enrollment code: FE3-P7T-N4B

Remind 101: text @mhsgar16 to 81010



Conference/Planning Periods: 1st block **A DAY**; 7:25-8:55 am and 6th block **B DAY**; 9-10:30 am

Phone Number: 682-314-0100 ext. 0079 ** only call me direct during the above times please.

Tutorials: M-Th 3-3:30 pm

Text, Readings, Materials: There is **not** a textbook for this class.

Materials: Students are required to have:

- Folder or binder section for graded tests/assignments
- Ipad ** all assignments will be available electronically on ItunesU
- Stylus
- Note taking app
- Thumb drive
- Pencils/pens
- Markers, map colors
- Tissues
- a calculator*

*A class set of calculators are provided for student use during class time only. These calculators will not be checked out to students at any time during the semester. Although it is not required, it is advised that students purchase their own TI-83 Plus or TI-84 plus SE graphing calculator. Please sign and date the Calculator Contract on the attached addendum.

CLASSROOM EXPECTATIONS:

You are expected to be on time, in your seat, ready to work each day. You are expected to have your supplies with you each day. You are expected to participate in your group and in discussions each day. You are expected to be respectful of others. You are expected to do your best each day!

RESTROOM POLICY:

You may use the restroom as needed, **unless** teaching/classroom discussion is occurring.

TARDY: See MHS Student Handbook (<http://www.mansfieldisd.org/schools.htm>); all procedures will be adhered to. Make sure you are aware of and understand the policies.

ABSENCES: This class is **based on discussions and group work**. It will be difficult to make up the daily work by yourself. You must use I tunes U to access missed assignments and then attend tutoring if you are unable to understand the work and/or to check your understanding. Remember, if you are absent, you are affecting you and your classmates. It is important that you be here unless there is an emergency.

CLASS PARTICIPATION: Students are expected to participate each class meeting. Participation consists of actively learning by taking notes, asking content specific questions, completing class assignments, and being prepared for class.

RETAKES: If a student **fails a test** the student will be allowed to come to a teacher designated tutorial for reteaching on the material. The student will then be allowed to come to a tutorial to retake the test for a grade up to a 70%. Projects/Presentations **may not** be redone.

TUTORIALS: Tutorials will be offered M-Th after school until 3:30 unless stated otherwise.

Daily/HW: Students are expected to complete all hw/daily assignments by the given deadlines. Late work will be accepted up to 3 days late for a penalty of 15 points off each day.

Journals: Students will journal each concept visited in the student activity sheets on a daily basis.

Projects: Projects will be a group effort and all students are expected to do their share of the work. Projects will be accepted one day late for a penalty of 30%. Projects **may not** be redone.

Presentations: Presentations will be done on a regular basis as a group and will count toward any of the above categories as announced by teacher.

Academic Dishonesty: Academic dishonesty includes, but is not limited to: plagiarism, fabrication of information or citations, submitting the work of another person, allowing another person to substitute for oneself in completing course work or taking a course test, submitting work previously used without informing the instructor and securing written approval, or tampering with computer files and/or academic work of other students. See handbook for more information.

Grading:

Grade book program: [Mansfield ISD | Skyward Family Access](#)

Grading Calculations:

6 Weeks Average = Assessments/Projects: 50% QUIZ: 30% HW/Daily: 20%

Semester average = 80% average of 3 six weeks + 20% semester exam

***It is your responsibility to check Skyward for your current grade. I would suggest you check Skyward weekly. Grades will not be discussed in class in front of other students, if you would like to discuss your grade with me, you will need to come during my conference time or before/after school.

AQR YEARLY TIMEFRAME: Each unit will last approximately one full six weeks.

First Semester:

Unit I: Analyzing Numerical Data / **FERMI PROJECT**

Unit II: Probability /**CARNIVAL PROJECT & QB RANKING**

Unit IV: Using Recursion in Models and Decision Making

Second Semester:

Unit V: Using Functions in Models and Decision Making

Unit VI: Decision Making in Finance/ **GAME OF LIFE PROJECT**

Unit VII: Networks and Graphs

Unit III will be taught if time at the end of the year.

*****Assessments will be given approximately every 3 weeks. These may be written exams and/or, presentations, or projects. Students will be given a 6 wk. calendar with estimated dates of these assessments.**