

College Prep

Ms. Adams

Room: E-8

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Course description

In this course we will be covering mathematical topics in logic, quantitative information, probability and statistics. Essentially we will be discovering how math is used in our everyday life. This will be an exciting year for students as we cover different units we will be building many problem solving skills. Learning mathematics takes a lot of work and discipline, but everyone can succeed in this course and build their mathematical knowledge when they work hard.

Textbooks

- Using and Understanding Mathematics: A quantitative reasoning approach Sixth Edition by Bennett, Briggs

Daily Materials

Each student will need the following:

- Pencils
- A notebook or binder to organize notes
- Scientific or graphing calculator. A scientific calculator is all that is needed for this class. I recommend a TI-30XII calculator (\$12-\$15) for a scientific calculator and a TI-84 Plus CE (\$90-\$120) for a graphing calculator.

Absent/Late work

Students that are absent will need to get worksheets from the absent folder located near the door of the classroom. Students are expected to get any notes that were taken that day from a peer in the class. Late work will be accepted until that unit test.

Tardies/Attendance

Students that enter the classroom after the bell are considered late and need to sign the tardy sheet. In this class we will follow the school policies for tardies and attendance.

Projects

There will be at least one project every term. Most projects will be completed in groups. Rubrics for each project will be given out the day the project is assigned. Some class time will be given for students to work on projects, but some time outside of class may be required. Projects will usually be worth 50 points.

Papers

There will be one paper assigned each term and each paper will be worth 30 points. Students will receive a rubric when the paper is assigned.

Groupwork

In this class we will spend a lot of time collaborating with other students to learn how to work as a team and learn from each other.

Homework

Homework will be assigned most days. Students are expected to do their homework to prepare for the next class period and the unit exams.

Quizzes

Quizzes will be given most days and will usually be worth 5 points. Only the 3 highest scores for each unit will be recorded.

Tests

Tests will be given at the end of each chapter and will usually be worth 100 points. There will also be a term and semester final that is cumulative. Students may retake the unit tests; however, the test needs to be retaken within a week of when they are handed back; also all of the homework for that unit and test corrections need to be done in order to retake the unit test. All retakes will be a different version of the test. Term or semester finals will not be available for retake. Students that are not in class the day of the test will take the test the next class period or before/after school if it gets done before the next class period.

Grading

Students will be graded using the following system:

30% Projects, Papers, Quizzes

70% Tests

Extra help

I will be available before and after school to help students with any questions that they might have. My main goal is to help students be successful in this class and learn how to be problem solvers.

Note to students and parent/guardian

There is no such thing as a math brain or the lack of one. I believe everyone can learn math and succeed in my course no matter their past experiences with the learning of mathematics. The mindset that one has determines success in any course. Learning mathematics is about process, not perfection. Making mistakes in this class will be celebrated since that is when one learns the most. I don't care about the right answers as much as I care about how we got there.

This document is subject to change as I see fit. I will always alert students and parents/guardians in advance of any changes made to this document.

Grade Breakdown	
A	93%-100%
A-	90%-92%
B+	87%-89%
B	84%-86%
B-	80%-83%
C+	77%-79%
C	74%-76%
C-	70%-73%
D+	67%-69%
D	64%-66%
D-	60%-63%
F	0%-59%

Please return to Ms. Adams next class period.

Parent/Guardian Name:

Parent/Guardian Phone number:

Parent/Guardian email:

Best time to contact:

Please write down below any information about your student that I should know: