

ALGEBRA I - 479

COURSE EXPECTATIONS JOHN TURNER

COURSE SCOPE:

This first-year course is the study of patterns and structure within the real number system. Topics include working with equations, graphing, and problem-solving strategies. Students become adept at solving problems which require the integration of a variety of mathematical concepts. The use of a calculator is an integral part of this course. This course will fulfill one of the mathematics credits required for graduation.

COURSE GOALS:

1. To formulate and solve real-world problems using algebraic techniques.
2. To justify the logic of algebraic procedures using field properties.
3. To solve and graph linear equations and inequalities using a variety of strategies.
4. To solve and graph systems of linear equations and inequalities using a variety of strategies.
5. To compare and contrast the real number system and its various subsystems.
6. To solve quadratic equations and inequalities using the quadratic formula and other strategies.
7. To represent and analyze relationships using a variety of tools including tables, verbal rules, equations, inequalities, graphs, matrices, and functions.
8. To incorporate technology as a tool for problem solving.
9. To formulate mathematical strategies, generalizations, and predictions through oral and written communication.
10. To develop the ability to reason and communicate mathematically in order to apply learned concepts to new problem-solving situations.
11. To exhibit increased confidence in mathematical abilities so that students are encouraged to continue participation in higher-level mathematics classes.

COURSE OUTLINE:

First quarter:	Chapters 1 – 3
Second quarter:	Chapters 4 – 6, semester exam review, semester exam
Third quarter:	Chapters 7 – 9
Fourth quarter:	Chapters 10 – 13 (as time allows), semester exam review, second semester exam

TEXT:

Holt Algebra 1: Schultz, Kennedy, Ellis, Hollowell, Jovell (2004)

REQUIRED MATERIALS:

Everyday you will be required to bring to class your assigned textbook, your notebook for Algebra I, your assignments, your Cougar Planner, and a writing utensil (preferable a pencil).

CLASSROOM POLICY:

It is your responsibility to keep and understand the information contained in this policy. It should be read carefully by you and retained for future reference. If you have any questions, be sure to have them clarified by myself immediately. The classroom rules listed are there so that the classroom will be a pleasant place to learn mathematics.

1. Students are to be in class on time. Students are expected to be in the classroom before the bell stops ringing. If late from another class or the office, you should bring a proper pass.
 1. First tardy – warning
 2. Second tardy – 15 huxlies or 20 minutes detention
 3. Third tardy – a tardy letter is sent home
 4. Fourth tardy – a phone call is made to the parents or guardians
 5. Fifth tardy – a student tardy referral
 6. Sixth or more tardy – the student is referred to the deans' office
2. Students are to be prepared for class each day.
3. Tests and quizzes should be done in pencil to be more efficient. Neatness and correct spelling are expected and appreciated.
4. No talking or disruption during the instructor's lectures. Raise your hand to ask or answer questions.
5. No talking during a quiz or test. Talking will be interpreted as cheating in this situation, and the student risks a zero on the paper.
6. No food or drink in the classroom. The single exception is water (not flavored) in a water (not sport) bottle. If you bring in candy, food, or other types of drinks, you will be required to throw it away.
7. Seats will be assigned and the students are to remain seated in their assigned seats, unless otherwise directed.
8. All rules of Coronado High School apply in this classroom, including the dress code. All phones should be turned off and put away before entering the building. Walkmans, Ipod, etc. should be turned off and put away, including headphones, before entering the building.
9. It is the responsibility of the student to talk to the teacher concerning make-up work or make-up tests. Make-up tests will be arranged at the teacher's discretion. Concerning make-up assignments, for each day absent, the student will be given three days to make up the work.
10. Assignments are given almost every day, including on some Fridays. If time in class is given to work on the assignment, the students are to use it for math work, not that from another class. **EXTRA HELP WILL BE AVAILABLE BEFORE AND AFTER SCHOOL.**
11. Students are allowed two hall passes per nine weeks, and then given at the teacher's discretion. Learning takes place in the classroom, not in the halls. If there is a medical reason, bring a note from a parent or guardian.
12. No use of obscene or improper language.
13. When the class bell starts class time, be prepared to start. Have your assignments ready to check, your book open, your notes out and opened to the appropriate place, etc. Make use of all class time – don't close shop too early. Get your work done in class, even if it means working up to the bell.

14. It is expected that all students in this class will be polite and courteous. You should treat all others with respect and fairness. This also applies to property that belongs to either the school or others.

GRADING:

Grading is done on the point system. Excessive absences make it difficult to attain points. If the absence count exceeds ten unexcused for the semester, it will be a signal that the student will fail the class for that semester. Chapter tests count for 100 points each. Quizzes, including notebook quizzes, count for 20 points each. Graded assignments count 10 points each. Homework will account for 25% of the quarter grade. Quizzes will account for 25% of the quarter grade. Tests will account for 50% of the quarter grade. The grading scale is based on percentages – the number of points attained / the number of points possible X 100%. Letter grades are based on the following scale:

90% - 100%	A
80% - 89%	B
70% - 79%	C
60% - 69%	D
under 60%	F

Semester grades will be determined on 40% for each quarter's points and 20% for the semester exam.