

ALGEBRA 2

“Preparing students to lead extraordinary lives”



Deryk Andersen
360-563-7558
deryk.andersen@sno.wednet.edu

Room 210 GPHS

webpage <http://derykandersen.wix.com/algebra>



What is Algebra 2?

Seeing that many students in the faster paced Algebra 2 with Trigonometry course would benefit from having more time to master topics, this class, Algebra 2, was created for students not needing to take Pre-calculus.

The same text book and level of difficulty remains as in the one year Algebra 2 with Trigonometry, but more time has been added, essentially spreading over two years the topics found in the Holt Algebra 2 textbook.

In this first year, the Algebra 2 course is based on the state mandated standards. Students passing this course will have then met a 4 year university entrance require-

ment in math. In the second year, trigonometry and the rest of the textbook are taught in the course titled Intermediate Algebra 2.

“students can access video tutorials for every example at <http://my.hrw.com> “

Universities do not require the second year, Intermediate Algebra 2 course to be taken so why should a student consider taking the sequel next year? Continuing with upper level math courses helps with preparing for SAT Testing. It also can help reduce the number of math courses required at the Com-

munity College level that do not earn college credit. In Snohomish County 70% of community college students have to take math courses that do not earn college credit because of their placement test scores. Some of these students had taken 3 years of high school math but did not continue with math their senior year, thus forgetting enough math to require re-view math courses in college.

Our textbook, Holt Algebra 2, has many online tools for our students to use. Besides online tests and lesson quizzes students can access video tutorials for every example at <http://my.hrw.com>.

Course Content & Grading

- Review and greater depth of Algebra 1 topics involving linear functions and systems, properties of exponents and square roots is provided. Transformations of functions is a major theme throughout.
- A good deal of time will be spent on quadratic functions where complex numbers, factoring, completing the square and the Quadratic Formula are encountered.
- New topics include: Absolute Value Functions, Linear programming, operations with polynomials, exponential and logarithmic functions, rational and radical functions, permutations and combinations.

Grading: 80% based on tests/quiz 20% from homework
Late work: 1 day late earns half credit, more than 1 day late earns no credit but keeps a student eligible for a test retake

Standard Scale

93	100	A
90	92	A-
87	89	B+
83	86	B
80	82	B-
77	79	C+
73	76	C
70	72	C-
67	69	D+
60	66	D
0	59	F

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Required Materials

- Graphing Calculator TI-83 plus or 84 plus, cell phones and other electronic devices are not permitted to be used as a calculator
- Quadrille ruled composition notebook
- Line paper & graph paper
- Pencils and pens

These materials should be with the student in class every day.

The Textbook may remain at home; a textbook for classroom use will be provided



“If there is anything we learn in corporate America today, it’s the absolute importance of teamwork...”

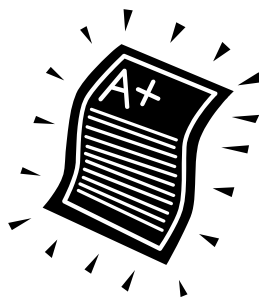
~John Seely Brown,
Xerox



Math is the pursuit of laziness

~A. Wiebe

Per department policy, no extra credit will be given.



The best way to learn anything is to discover it for yourself.

~Polya

Help with Learning & Test Retakes

At School: I am happy to assist students with their math studies before school, during Grizzly Period, and certain days after school as the need arises provide Grizzly Period is being utilized.

At home: Students have online access to help. The Holt website <http://my.hrw.com> has video tutorials for every example in each lesson.

Sno-isle library card holders have access to free one on one online tutoring. Go to <http://www.sno-isle.org/> and click the homework help link.

Notes and Assessments: Notes taken in class in the composition book are allowed on some quizzes. There are no notes allowed on Tests. Graphing calculators are allowed on most assessments but often times there will be a section on the test that these tools are not allowed on.

Retakes: Quizzes which assess smaller amounts of material are not retaken but up to 3 chapter tests per semester may be retaken for a higher score after school provided:

- The students has participated positively in class and taken notes.
- All homework assignments are completed in full before the initial test.
- Test corrections and extra problems are completed accurately and on time.

Class webpage <http://derykandersen.wix.com/algebra> is updated weekly. Absent students can visit this site to get missed assignments. PDF copies of handouts are usually available here.

Message to parents: Don't forget to check Family Access for updates to grades. Progress Reports are generally emailed out every two weeks, but I'd be glad to update you personally on student progress through email or by phone.

Rules and Attendance

Math Rule: Always show your work on both homework and tests

School Rules

- Be on time.
- Be respectful and pleasant to others.
- No food or drink is allowed in the classroom. Water in a spill proof container is encouraged.
- No hats or bandanas
- Cell phones, musical and other non approved electronic devices turned off and put away.

Attendance Issues

- Absent students should check my webpage for assignments or call or email me after school for work if the webpage is not updated.
- Students are granted 1 day to make up assignments for every day they have an excused absence. For lengthy excused absences please see me to work out a schedule of due times so a student can get caught up quickly.
- Excused absences occurring on a test or quiz day result in the test or quiz being made up the day the student returns.
- Unexcused absences that occur on a test or quiz day results in a zero for that assessment along with any homework due that day.

Student section

Please print: Student Name _____

Period _____

Please complete and return to Mr. Andersen Room 210.

Please provide the following information on your math history over the past three years. List good or bad experiences in each class.

Year	Class	School	Teacher	Grade	Experiences

What was your most successful experience in math and when?

What strengths as a student will you bring to this classroom?

What is your biggest concern about math for this year? Be specific.

Is there anything else I should know about you that would help make the learning this year successful?

Parent section

I have received my own copy of the syllabus for Algebra 1 to read and/or file away for future reference. Students will receive their own copy at a later date. A PDF copy is available at <http://derykandersen.wix.com/algebra>

Parent name (print) _____

Parent signature _____ date _____

Do you have internet access at home? yes no

Parents please let me know of the most appropriate way to be in touch with you during the day. Please only give me information you would like me to use. Also please advise the school anytime your email changes.

Home Phone: _____ Cell Phone: _____

E-Mail: _____ Work Phone: _____