

Welcome to North Kitsap High School and Precalculus. We will be heavily studying functions including polynomials, exponents, logarithms, and trigonometry. We'll then move into some other areas of math like matrices, sequences and series, conic sections, vectors, polar coordinates and a little introduction into calculus. The use of graphing calculators will be an integral part of this course.

#### Expectations

1. **Be prepared** for class each day and arrive **on time** with all necessary materials.
2. **Complete** all assigned problems.
3. **Read and study** each lesson.
4. **Attend** class each day.
5. **Cooperate** with class policies and procedures.

#### Materials

1. Textbook
2. Pencil, pencil sharpener, and erasers
3. Loose-leaf quad-ruled (graph) paper and binder, or notebook
4. Graphing calculator required (TI- 83+, TI- 84 are recommended.)

#### Absences and Tardies

1. We will follow the school policy as stated in your student handbook.

#### Behavior

1. **No cell phones unless we are using them for a class activity.**
2. Seats are assigned. **Be in your seat ready for class when the tone sounds.**
3. Behavior Rules will be followed as per the student handbook
4. **NO FOOD OR DRINK** (other than closed containers of water).
5. Remain in your seat until you are dismissed by the teacher at the end of class.

#### Cheating

1. We will follow the school policy as stated in your student handbook.

#### Grading

1. You are responsible for keeping track of your grade (that's why you have access to Skyward.)
2. Tests will be 40% of your grade; quizzes will be 30% and homework 10%, and 20% will be the semester final. This breakdown reflects the advanced level of this course. However, please take a hard look at my re-take policy on quizzes and tests (Para. 3.) The reason behind this policy is that I'm a big believer in competency. Your grade will be a result of how competent you become. To this end, homework is essential. You can't become competent if you don't practice a lot.
3. I am concerned that you show competency with the concepts. With that in mind, any quiz can be improved to full credit by doing 5 similar type problems from the book for each incorrect problem and doing a similar problem for me on the board before or after school. Test grades can be made up similarly, but only up to 85%.
4. If absent the day of a test or quiz, on your first day back to class, check the absent folder. Please make arrangements with me to make up any missed test or quiz. In accordance with school policy, you have until the end of the month to make up the missing item. If it is not made up within this time limit, a zero will be recorded that cannot be made up. **Note: make-up test may be in a different form.**
5. **Worked out solutions to problems must be shown.** No credit will be given for just answers to problems unless the directions clearly state otherwise.
6. Grades will be determined by a 6 point rubric scale. See the scale on the next page for conversion into letter grade/percentage.
7. The grading scale is in your student handbook.

I am looking forward to working with you this year. I will be available before and after school on most days for extra help when needed. Other Math teachers are also available for help if you wish. Don't wait until it's too late. Good luck on a successful year at North Kitsap High School.

Mr. Burchill

## Rubric Meaning

- 6 Correct answer with supporting work and correct units, if needed.  
5 Minor error, such as wrong sign, lacking units, small calculation error.  
4 Understanding of idea is shown, but several errors are present.  
3 Understanding of idea is not clear. However, problem is completed and answer is given. Also used for not showing work.  
2 Lacking in understanding. Problem is attempted, but not finished.  
1 Only a guess is shown.  
0 No attempt is made.

Rubric	Percentage	Rubric	Percentage
6	100%	3	60%
5.9	99%	2.9	59%
5.8	98%	2.8	57%
5.7	97%	2.7	56%
5.6	96%	2.6	54%
5.5	95%	2.5	53%
5.4	94%	2.4	51%
5.3	93%	2.3	50%
5.2	92%	2.2	48%
5.1	91%	2.1	47%
5	90%	2	45%
4.9	89%	1.9	43%
4.8	87%	1.8	41%
4.7	86%	1.7	38%
4.6	84%	1.6	36%
4.5	83%	1.5	34%
4.4	81%	1.4	32%
4.3	80%	1.3	29%
4.2	78%	1.2	27%
4.1	77%	1.1	25%
4	75%	1	23%
3.9	74%	0.9	20%
3.8	72%	0.8	18%
3.7	71%	0.7	16%
3.6	69%	0.6	14%
3.5	68%	0.5	11%
3.4	66%	0.4	9%
3.3	65%	0.3	7%
3.2	63%	0.2	5%
3.1	62%	0.1	2%
		0	0%