Advanced Algebra w/ Trigonometry Syllabus
Roald Amundsen High School

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REQUIRED MATERIALS: The following items are needed in class daily:
1.  1 inch binder
2.  5 tab dividers
3.  notebook paper
4.  folder
5.  pencils, eraser and
6.  scientific calculator

GRADES:

<table>
<thead>
<tr>
<th>Formative: 35%</th>
<th>Grading Scale</th>
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<tbody>
<tr>
<td>Summative: 55%</td>
<td>90-100 = A **</td>
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<tr>
<td>Approaches to Learning: 10%</td>
<td>80-89 = B</td>
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<td>70-79 = C</td>
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<tr>
<td></td>
<td>60-69 = D</td>
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<td>59 or lower = F</td>
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** You should SERIOUSLY consider participating on the math team if you are earning a 90% or more!! All students are welcome to join.**

HOMEWORK:
Homework is an important method of practicing material learned in class and it is essential for your success in class. Homework will be assigned almost every night. In order to get credit for the homework, you must show your attempts at solving the problem. You are not expected to always have the correct answers but you are expected to make a serious attempt at the work. You are responsible for correcting your homework in class & annotating it whenever necessary. Also, no credit is given when only the answers are provided. You must write the questions and show your work so that the assignment will have meaning for you later on. Late homework will be accepted but will be marked down per late policy. Assignments and answers will be posted on Google Classroom.

TESTS AND QUIZZES:
Quizzes will be given multiple times per each unit. Tests will be given at the end of every chapter or unit. Most will consist of a calculator, as well as a non-calculator, portion. You can expect problems to be similar to the types assigned for homework. Therefore, it is very important to do and understand homework assignments, as these will be valuable review for tests and quizzes. Making test corrections will be encouraged for all students who do not perform well on tests.

It is important that all students have the opportunity to work in a positive learning environment. This includes a supportive and quiet class setting. Talking during test and quizzes is not allowed.

The goal for all students is to learn/master the material. For students who do not do well on the exam, the option for reassessments is available and encouraged. This process involves: students having a current formative assessment average of 80%, making corrections, explaining their mistakes, and taking a reassessment until they demonstrate mastery.

EXPECTATIONS:
1. Accountable: Be prepared and on time. Arrive with supplies and assignment in your seat before the bell rings.
2. Honorable: Be respectful to yourself, others and the school.
3. Scholarly: Be engaged. Stay on task during all work times.
TOPICS TO BE COVERED:
- Solving Equations and Inequalities
- Linear Relations and Functions
- Systems of Equations and Inequalities
- Polynomials
- Quadratic Functions and Inequalities
- Conic Sections
- Exponential and Logarithmic Relations
- Probability and Statistics
- Trigonometric Functions

Late/Make-up Policy

<table>
<thead>
<tr>
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<th>Excused Absence</th>
<th>Unexcused Absence</th>
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<tbody>
<tr>
<td><strong>Formative Tasks</strong></td>
<td>Student gets to submit work up until the quiz or test on the content. Student</td>
<td>Student must submit late work during his/her own time.</td>
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<tr>
<td></td>
<td>must submit late work during his/her own time. Teacher may ask student to</td>
<td>Teacher may ask student to explain the task in order to</td>
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<td>explain the task in order to make sure the student understands the content.</td>
<td>make sure the student understands the content. The task</td>
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<td></td>
<td>The task may be subject to grade penalty, based upon the nature of the absence.</td>
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</tr>
<tr>
<td><strong>Assessments (Formative and Summative)</strong></td>
<td>Must submit/take upon return or within # of days missed with no penalty. Failure to do so within # of days renders the assessment unexcused.</td>
<td>Teacher has discretion to impose additional penalties.</td>
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<tr>
<td><strong>Summative Assessments Only</strong></td>
<td>Summative assessments that are more than one week late may be subject to further deductions.</td>
<td>The above does not apply to time-sensitive assessments (for example, final exams, etc.)</td>
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Have a great year!!!