

Gontact Information
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## Gourse Description

This is a course in advanced algebra and statistics, designed to prepare students to expand their knowledge. It includes statistics, functions, trigonometry, and geometry. Instruction and assessment should include the appropriate use of manipulatives and technology. Topics will be represented in multiple ways, such as concrete/pictorial, verbal/written, numeric/data-based, graphical, and symbolic.

## The Units

1) Functions and Graphs
2) Complex Numbers
3) Quadratics Revisited
4) Radical Relationships
5) Exponential and Logarithms
6) Polynomial Relationships
7) Rational Relationships

Supplies Needed

Laptop/Computer Access
College Ruled Paper
Graphing Calculator
(TI-84 family preferred)
Pen or Pencil
Scan Capabilities
3 Ring Binder (optional)* Face Mask* *for Face-to-Face instruction


## Glassroom Rules

\#1 - Respect the teacher, others and yourself.
\#2 - Respect the classroom and follow all school-wide rules.
\#3 - Come prepared to class and be academically honest.
\#4 - Follow instructions carefully. \#5 - Give others and yourself a chance everyday!

## Digital Instruction Expectations

\#1-Be on Time
\#5 - Mute Yourself
\#6 - Participate
\#7-Chat Responsibly
\#8 - Communicate Clearly \#9 Be Respectful


A: 90-100
B: 80-89
C: 71-79
D: 70
F: 0-69
Gradins Gategories
Formative Assessments
(50\%
Summative Assessments

| Final Exam |
| :--- |
| 30\% |

> Late Work Policy
> You may turn in late assignments until a week before the final exam. If the assignment is late before the unit test, $20 \%$ is deducted; after the unit test, $30 \%$ is deducted.

## Tutoring

During digital learning:

$$
9 a-10 a \text { daily }
$$

2:30p-3:25p daily
During hybrid instruction: 4:30p-5:30p tues \& wed

All Through Google Meet

## Formative Assessments

Homework: Homework will be assigned 1-3 times per week and will be due on Friday of that week by $11: 59 \mathrm{pm}$. Students should ensure they can scan their homework to be submitted to Google Classroom. Credit will only be given if work is shown for every problem.

Formative Checks: This includes classwork, Nearpod activities, Khan Academy activities, entrance slips, exit slips and group work.

## Academic Integrity

Copying work (this includes homework) from another student at any time is considered cheating/plagiarism. Talking and/or using a device during a quiz or test is also considered cheating. The teacher will notify students if they have been caught cheating, then parents will be notified, then the assessment will be marked with a zero and finally an unsatisfactory conduct grade will be given for the term. The student may also be subject to a written referral.

## Summative Assessments

Quizzes: There will be one quiz for every unit usually about 8-10 questions. You must take the quiz if you are present, but the grade will be modified if you missed instruction.

Unit Tests: There will be a unit test at the end of every unit. There will be a review day before every unit test. If you miss the review but no new instruction, you must take the test. If you do not perform well on a unit test, there will be opportunities for one retest or alternate assessment on a case-by-case basis.

> Discipline Policy
> $1^{\text {st }}$ strike: Warning
> $2^{\text {nd }}$ strike: Conference
> $3^{\text {rd }}$ strike: Parental Contact $4^{\text {th }}$ strike: Referral

Digital Programs
Google Classroom
Nearpod Jamboard

Kami
Khan Academy USATestPrep
We will be using all of the above programs throughout the semester.

