

Course Syllabus
Advanced Algebra / Pre-Calculus
2017-2018
Stockbridge High School

Greetings All.

This syllabus serves for both Advanced Algebra and Pre-Calculus. It is expected that students and parents understand and agree with every characteristic and requirement of each class. If you have any questions, please be sure to contact Hotep by email (aamun@henry.k12.ga.us) or text (678-902-1008).

Akhenaten “Hotep” Amun

Advanced Algebra	Pre-Calculus
U1 – Quadratics Revisited	U1 – Introduction to Trigonometric Functions
U2 – Operations w/ Polynomials	U2 – Trigonometric Functions
U3 – Polynomial Functions	U3 – Trigonometry of General Triangles
U4 – Rational & Radical Relationships	U4 – Trigonometric Identities
U5 – Exponentials & Logarithms	U5 – Matrices
U6 – Mathematical Modeling	U6 – Conics
U7 – Inferences & Conclusions	U7 - Vectors
	U8 - Probability
Curriculum Map with Standards: http://tinyurl.com/y92pds6c	Curriculum Map with Standards: http://tinyurl.com/ybjq2dvp

Supplies:

1. Calculator (The recommended models are Casio FX 115 ES¹ / Casio FX 300 ES)
2. Writing Utensils (Pens, Pencils, and Highlighters)
3. Graphing Paper (100 sheets)
4. Lined Writing Paper (500 sheets)

Text:

We do not have a physical textbook. Most of our class/practice material will be found on the GA DOE website – the state frameworks – and found across the internet.

¹ Casio FX 115 ES \$13 @ Walmart: <https://www.walmart.com/ip/Casio-FX-115ESPLUS-Scientific-Calculator/20531405?wmlspartner=wlp&selectedSellerId=0&w13=2475&adid=2222222237260402323&w10=&w1=g&w2=c&w3=108838445910&w4=pla-78876658232&w5=9010894&w6=&w7=&w8=&w9=pla&w10=8175035&w11=local&w12=20531405&w13=2475&veh=sem>

The Classroom Experience:

Everything in the class will be shown in detail with steps and accessible 24/7 using OneNote. For instance, if a student asks a question, I'll help on a one-to-one basis while also showing the larger group the steps and answer on the board. As I'm showing the steps, I'll be using a platform that will display everything that is shown in real-time as I write on the board. It's not a video, but displays the writing using some pretty awesome software. Students and parents are able to see the steps/work from anywhere with an internet connection. The only obstacle is ensuring that I have your contact information. Please be sure to complete the form linked below in the communication section.

Grading Policy:

The final course grade that goes on your transcript at the end of the class will be based on 80% from quizzes and tests and 20% from your final exam.

Students can retake any assessment within 2 weeks of the initial administration. Students are also allowed 2 weeks from their return (after an excused absence only) to complete a missing assessment. There will be no partial credit awarded to students. Students must retake an assessment in its entirety after the teacher creates a similar but different assessment designated as the retake for the original.

Other Expectations:

Students are strongly encouraged to take either the ACT or SAT once per semester with goals in mind that are targeting a 32 on the ACT and a 1400 on the SAT. For information about how to register for these assessments, please see the links below.

SAT: <https://collegereadiness.collegeboard.org/>

ACT: <http://www.act.org/>

Communication:

I share a lot. Many take advantage of the connection not only for purposes associated with the class, but I ensure that students have information about initiatives that I am associated with and opportunities that often times pay for college. Be sure to complete the form found at the link below as soon as possible.

<https://goo.gl/forms/ut6kcIwHEojoFDdE2>

You can also reach me by email at aamun@henry.k12.ga.us or text at 678-902-1008.

For those who qualify, I do make house calls. If I ring your doorbell, don't be alarmed, I'm just going all out to ensure that you and your baby know that I care. :)