

Instructor: Ms. Stephanie Hayes

Email: stephanie.hayes@knoxschools.org

School Phone: 865- 594-3792

Room: PA202



Algebra 1 Honors

Austin-East Magnet High School

Fall 2016

Honor's Program Expectations: Being enrolled in the Honors Program at Austin-East means that you have accepted a challenge to go beyond the expectations of the average student. Everyone has the potential for this program, but you have shown that you have the attitude and work ethic to reach the full potential of your intelligence. It will not be easy, and will require work on your part. Enrolled students master both content knowledge as well as 21st century skills such as critical thinking, problem solving and strong communication skills that are valued in college courses. Student expectations are as follows:

- To be diligent in participating in all class activities without distracting others from this task.
- To be independent learners, willing to read, learn, and ask questions of the content.
- To commit to spend the time and effort necessary, both inside and outside of class, to successfully complete all assignments, reading, studying, and review.
- To always attend class, take tests, and turn in assignments on time.
- To accept that enrollment in an honors course does not guarantee an A or B grade.
- To always do their own work and never present someone else's work as their own.

Course Description: The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. Links to Knox County and State of Tennessee Curriculum standards may be found at: <http://knoxschools.org/Page/2933>

Skills Covered: Throughout this course, students will explore the properties of linear, quadratic, and exponential functions and relationships. These properties will be used to solve problems and applied to real-world problems. Students will also use these properties to develop logical arguments and justifications.

Class Expectations

- Be Ready
- Be Respectful
- Be Responsible
- Be Safe

Required Class Materials: These are the things you will need in class on a daily basis.

- Spiral Notebook
- Notebook paper
- Pencils with erasers
- Highlighters
- 12 inch Ruler
- Colored Pencils

- TI-83/84 Plus (recommended, but not required)

Course Fee: Austin-East Magnet High School has a \$10 math fee.

Coursework and Grading: A student's grade is determined by the coursework done in the classroom and the EOC given at the end of the course. Student feedback will be provided on a daily basis. The Knox County Grading Scale will be used for this class. Be sure to check grades regularly in Aspen.

Skills Assessment: Because of the variety of skills covered in this course, a variety of techniques will be used to assess them. A mix of both formative assessments (such as quizzes and other checks for understanding) and summative assessments (such as unit exams and other written products) will be utilized to determine your student's understanding of the content being taught.

Knox County Grading Scale	
Grade	Percentage
A	93 – 100
B	85-92
C	75-84
D	70-74
F	Below 69

Category	Percentage
EOC	25%
Tests and Quizzes	60%
Coursework	15%
Total	100%

Tardy Policy: Students are expected to be in class, ready to begin on time. Austin-East's tardy policy states that three tardies will result in a disciplinary referral and phone call home.

Attendance: Students are expected to attend class regularly. Mathematics cannot be learned through independent study. If you are not present, you miss out on valuable learning opportunities and end up playing "catch-up". It is very difficult to stay afloat once you have fallen behind. If a student is going to be out for an extended period of time, please let me know in advance so that I may get work together for them.

Makeup/Missing Work: When a student misses class for ANY REASON, make-up work will need to be done. All makeup work is due within one week of the absence. If not turned in by the end of the grading period, it will be a zero.

Intervention Strategy: I am available for tutoring every day. Please see me or email me in advance if you would like to schedule a time for tutoring or extra help.

Cell Phones And Electronic Devices: Students are permitted to use cell phones and electronic devices during non-instructional times between classes and at lunch. For this reason, a strict "out of sight, out of hearing" policy will be followed. iPad's and Chromebooks are for instructional use in the classroom, and we will use a cell phone "parking lot" to limit distractions.

Cheating and Plagiarism: Cheating and plagiarism is unacceptable behavior at AEMHS. Students found guilty of cheating or plagiarism will be given a zero for the assignment and/or be referred to the office for violating student conduct.

Communication with Parents and Students:

- Aspen: This is our electronic grade book. In order to give timely feedback, I will update grades at least once per week. I encourage you to access this regularly.

- Email: The best way to reach me is by email, stephanie.hayes@knoxschools.org . I check it several times a day and will respond within 24 hours of receipt.
- Phone: You may also call the school phone 865-594-3792 and leave a message for me.

Course Outline for Fall 2016	
Module 1: Linear Equations and Inequalities	Module 6: Quadratic Functions
Module 2: Relationships and Functions	Module 7: Quadratic Equations
Module 3: Linear Functions	Module 8: Systems of Equations and Inequalities
Module 4: Exponents and Exponential Functions	Module 9: Probability and Statistics
Module 5: Polynomial Expressions and Functions	Review and Testing

Algebra 1 Honors Fall 2016

Student Name: _____ Grade Level: _____

Primary Contact Information	
Guardian Name:	Relationship:
Home Phone:	Cell Phone:
Email:	Is it okay to text you?
Additional Contact Information	
Name #1:	Relationship:
Home Phone:	Cell Phone:
Name #2:	Relationship:
Home Phone:	Cell Phone:

Please complete your schedule below:

Period	Class	Teacher
1		
2		
3		
4		

Sports, Clubs, and Organizations

Group:	Coach/Sponsor:

Is there anything that you would like me to know about your student?

_____ By signing this, I am acknowledging that I have read the syllabus for Ms. Hayes' Algebra 1 Honors class. I understand that if I have any questions or concerns, I may contact her one of the ways mentioned in the syllabus.

Parent/Guardian Signature

Date