



**Advanced Honors Algebra I
Abbott Lawrence Academy
2015-2016**

COURSE SYLLABUS OVERVIEW

Teacher: Ms.Domenech

Phone: 978-975-2750 ext. 60202

Email: Kristin.domenech@lawrence.k12.ma.us

Office Hours @ ALA:

Room 202

Thursdays 2:45-4:00

Course Description:

Advanced Honors Algebra is closely aligned to the Common Core Standards and incorporates algebraic symbolism, rational expressions, equations, lines, graphs, functions, exponents and radicals, as well as linear and quadratic relations. Students will work diligently to derive formulas, equations, and theorems in order to come to an understanding of why things in math work the way that they do. Students will apply critical thinking to work through real-world situations and discover the importance of being able to work through real-world situations. This course will be rigorous and new methods to solve application problems through modeling with linear and nonlinear functions, tables, and graphs will be explored daily. By working together as well as independently students will use newly learned algebraic skills to represent and understand quantitative relationships and analyze change in various contexts. By the second semester, students will be collaborating on math-fair projects through mathematics and physics to be entered in a competition. *** Just need more information on how to finish wording the math fair projects****

Materials:

Please bring:

- Pencil and eraser
- Pens – one black or blue, and one other different color of your choosing
- Index Cards
- Highlighter
- Post-it Notes
- Glue stick

Materials that I will be providing: TI-Inspire CAS calculators, rulers, compasses, graph paper, and protractors

TEXT BOOK: CME Project Algebra 1 – Common Core

Means of Evaluation: The list below generally describes the assignments that each student will be expected to complete during the course. Guidelines for each assignment will be distributed individually.

Assessments	(50%)
Notebooks/Classwork	(30%)
<u>Homework</u>	(20%)
Marking Period	(100%)

Grading Scale:

90-100% = A
80-89% = B
70-79% = C
65-69% = D
0-64% = F

Late Policy: Late work will be accepted only one day after the assignment is due. Additionally, late assignments will be penalized one full letter grade.

Class Procedures:

Upon entering Room 202 it is the responsibility of the student to:

- 1) Submit any and all homework assignments that are due.
- 2) Take your seat and take out textbook, binder, and pencil.
- 3) Complete the do now within 7 minutes of the bell ringing.
- 4) Read the language and content objectives and look over the class agenda.
- 5) **Participate!**

Classroom Expectations:

- 1) Respect your classroom, your classmates, yourself, and your teacher.
- 2) Be in class **on time**. This means you should be in your seat ***before*** the bell rings.
- 3) Come to class **prepared** with your pencil, binder, and homework when you enter the room. If you do not have a pencil with you, you may borrow one from me but you must give me your cell phone in exchange. Once you return my pencil, I will return your cell phone. No exceptions.
- 4) Each student will be given a binder. Your binder will be your most important tool for this class. You must keep all notes, corrected assignments, and corrected tests/quizzes in this binder.
- 5) Homework will be assigned every night to be collected and graded. Homework is an extremely important part of this class, so it is imperative that you complete it and turn it in **on time**.

ABSENCES- If you are absent, it is **your** responsibility to get a blank copy of any notes or worksheets from the absent bin. You must turn in the homework that you were expected to submit the day of your absence. If you do not do this, the assignment will be considered late. It is **your** responsibility to ask myself or a classmate what new homework was assigned on the day you were absent. This homework will be due the next day you are present as well as any new assignments that are given. If you have any questions regarding what you missed, the time to ask me is before or after school, not during class.

Special Needs, Academic Honesty, Misc:

All students who have special needs please let me know as soon as possible.

All other policies regarding academic honesty and student contact can be found in your student handbook and are in compliance with this class as well as any other and will be the guidelines for behavior and policies in this room. Any student caught cheating or plagiarizing will be given a zero on that assignment.

Electronics Policy:

All MP3 players, cell phones, and food must remain outside of the classroom unless permission is given by the instructor. Unless students ask for such permission, these items will be confiscated.

Please check and sign below

_____ *I have read the information and I fully understand what I'm expected to do in class.*

Student Signature: _____

Parent / Guardian Signature: _____

TEACHER's MESSAGE:

This course will be fast paced and challenging. My hope is that you will also find it to be fun. To be successful in this class you must put in the work, and always ask questions. I look forward to getting to know you as we begin what I hope to be a rewarding and exciting year!