**Course Description**

At the most basic level, we will focus on developing our problem solving skills and our Algebra literacy.

The United Nations Educational, Scientific and Cultural Organization define literacy as the "ability to identify, understand, interpret, create, communicate, compute and use printed and written materials associated with varying contexts. Literacy involves a continuum of learning in enabling individuals to achieve their goals, to develop their knowledge and potential, and to participate fully in their community and wider society."

While this seems simple on the surface, it should be established that mathematics literacy is something that must be developed and practiced. We will all come to mathematics from different places and will grow more each day as a team and individually.

Because mathematics is a fundamental academic skill, our problem solving ability determines many of the opportunities and choices we will earn in our lifetime. The better that you can problem solve, the better you can interact with the world around you. Mathematic skills will benefit you in many ways because they are the one of the foundations for our educational goals from today until the day we graduate college and function in adulthood.

In order to maximize our development as mathematicians, our Algebra I course will focus on six skill sets throughout the school year: **Equations of functions, Inequalities, Equations of Lines, Operations with Polynomials, Quadratics, and Statistics and Probabilities.**

**Course Goals**

By the end of the school year, scholars will:

- Demonstrate arithmetic problems solving skills and apply to SAT formatted questions.
- Create and achieve personal academic goals.
- Score at or above an 75% on all quizzes and exams.
Complete all assignments at or above 75%.

Curriculum

**Unit 0: My Life as a Mathematician**
Identification of mathematics skills and practice.

**Unit I: Equations of Functions**
Solving equations, function notation.

**Unit II: Inequalities**
Solving single equalities, graphing inequalities, solving systems of inequalities.

**Unit IV: Equations of lines**
Slope, intercepts, different equations forms.

**Unit V: Operations With Polynomials**
Adding, subtracting, multiplying, rules for exponents.

**Unit VI: Quadratics**
Quadratic equation, graphing and applications

**Unit VII: Statistic and Probability**
Mean, median, mode, range

**Classroom Conduct and Expectations.**
Students are expected to follow the Roald Amundsen High School Code of Conduct. In addition to this, a sense of possibility, a sense of humor, a willingness to make mistakes and ask questions, as well as a relentless pursuit of excellence is greatly appreciated in Algebra I! No one is perfect and has all the answers, including the teacher.

Be willing to teach your peers who are struggling when you achieve mastery of a unit. We are a team and only as strong as our best leaders. Be willing to step up to that leader role when asked!

**What you can expect from me:**

1. I will respect each and every student every second of every day.
2. I will prepare and deliver engaging lessons.
3. I will hold all students to the highest expectations every day.

**What I expect from you:**

1. Respect of me and yourself, others and the learning environment.
2. Arrive ON TIME to class.
3. Wear your ID at all times and be dressed appropriately.
4. Be prepared with your supplies. *(I do not have them for you if you forget.)*
5. Complete homework assignments and turn in accordingly.
6. Stay in your seat until directed.
7. Be responsible and make up assignments when absent. This is YOUR responsibility!

**What will happen if you don’t meet expectations:**

1. Verbal Warning/teacher discretion (a chance to change improve your behavior).
2. Redirection and seat change. *(Private conversation as to expected class behaviors)*
3. Loss of class assignment points call to parent or guardian.
4. Dean referral.
Note: The degree of misbehavior (not just the number of repeated offenses) can determine which step of the consequence system is taken.

Cell Phone Policy
Cell phones or any other electronic device is brought to school at the student’s own risk. Amundsen High School will not be responsible for any lost or stolen technology device.

1. Students will be allowed to use their electronic devices in common areas during passing periods.
2. Electronic devices are allowed in the passing period and the cafeteria during a student’s lunch period.
3. Use of electronic devices in the classroom is prohibited, unless otherwise authorized by a teacher. (A. Authorization will likely occur when a device is used as technological support that will enhance student learning and overall growth. B. Such authorization will be revoked should the freedom of use be abused.)
4. Charging electronic devices in the classroom is prohibited and NOT to be done at any time.

Cell Phones are not to be used as calculators or to check the time.

Daily Class materials
- 3 Ring Binder 1-1½ inches
- Many Pencils & erasers (I DO NOT SUPPLY Spares)
- Red Pen
- Two (2) Highlighters different colors
- One (1) Calculator TI30XIIS (available at Target for $9.99)

Grading Policies
How will my hard work be evaluated?

<table>
<thead>
<tr>
<th>Type of Assignment</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Binder</td>
<td>10%</td>
</tr>
<tr>
<td>Assignments/Homework</td>
<td>20%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>15%</td>
</tr>
<tr>
<td>Bell Ringer/Exit Ticket &amp; Group Work/ATL</td>
<td>15%</td>
</tr>
<tr>
<td>Exams &amp; Midterms</td>
<td>20%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>10%</td>
</tr>
<tr>
<td>Projects</td>
<td>10%</td>
</tr>
</tbody>
</table>

The Approaches to Learning Skills are as follows: Thinking Skills, Communication Skills, Social Skills, Self-Management Skills, and Research Skills.
**Grading Scale:** The following grading scale will be issued:

- 90-100 = A
- 80-89 = B
- 70-70 = C
- 60-69 = D
- 59 or Lower = F

Grades are updated regularly and you should check your grade regularly. If there are questions about your grade, I am happy to discuss them. Please raise these questions after school. I will not address questions about your grade during class time.

**Homework**

Homework is an extremely 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. No credit is given when only the answers are provided.** You will be asked to write HOW you established your answer using sentence stems so that I understand your thinking.

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 and annotating it whenever necessary. You must write the questions and show your work so that the assignment will have meaning for you later on, perhaps for a quiz or exam. **Late homework will be accepted but will have a penalty of 50% of the grade. If homework is NOT completed, it will be a requirement to stay after school for DEY Tutoring to complete it for credit.**

Homework Assignments will be posted on Google Classroom or REMIND APP.

**Academic Honesty Policy**

Roald Amundsen High School holds a **Zero Tolerance** for cheating. Students will be graded according to their own ability to complete work. If a student copies the ideas, words, or calculations of someone else it will be considered cheating. This dishonesty will not be tolerated & will result in a zero for the assignment, a call home, and/or more severe penalties for repeated offenses.

**Absent Policy**

**Excellent attendance** is the key to your success at Roald Amundsen High School. If you know you will be absent, inform your teachers ahead of time. If you have an unexpected absence, it is your responsibility to check google classroom for missed assignments.

You have as many days as you were absent to turn in your missing work. (Example: If you are absent for one day on a Wednesday, you must submit your work by Friday.) If you are **absent for a quiz or a test**, you must see the teacher the day you return to schedule your quiz/test. **Failure to do so within two school days can result in a zero.**
On a Final Note: Things you should Avoid

- **Foul Language at any time!** This includes *Damn and Hell*. This language is NOT acceptable to use in college courses or places of work, so foul language is not tolerated in the classroom.
- **Not listening** when the teacher (or speaker) is talking – this includes crumpling paper, writing notes to a classmate, talking to someone else, interrupting, putting your head down, and a number of other distracting things! Be SMART! You will be accountable for your actions.
- **Not participating** when you know you should. Consider this: If you have a question, it’s probable that at least 3 other students in the class have the same question! Ask your questions! In the same way, if you have something to share that can help your classmates, share it!
- **Too many things on your desk** at one time. You only need the assignment you’re working on and your pen or pencil. **Most everything else should be under your desk and in your backpack.** This includes your cell phone.
- **Leaving your trash behind** – this includes gunk on desks! You don’t want to sit in a dirty space. Don’t make others have to deal with your mess! Clean up around you before you leave class. Check your desk and the floor around you.
- **Bringing food to class/eating in class.** Due to Amundsen having five lunch periods, you MAY bring a healthy snack, (granola bars, protein bars, fruit, or your choice of food from the Amundsen vending machine). **NO HOT CHIPS or JUNK FOOD.** It is prohibited to have food delivered to school as your snack.

### The Freshman Quick Guide to Frequently Asked Questions

<table>
<thead>
<tr>
<th>Need</th>
<th>Description</th>
<th>Consequence</th>
<th>Reward</th>
</tr>
</thead>
<tbody>
<tr>
<td>What do I do when my work is complete?</td>
<td>Become a Student Leader for Peers. Begin your homework!</td>
<td>Warnings</td>
<td>Be a Student Leader for Peers You get to use your time the way you want to use it! Praise!</td>
</tr>
<tr>
<td>How am I expected to exit the classroom at the end of class?</td>
<td>Only pack up and leave when instructed to do so by your teacher. Clean up after yourself.</td>
<td>Loss of Approaches to Learning points. Late dismissal to repeat the dismissal procedure.</td>
<td>Positive praise from your teacher! Earn all your Approaches to Learning Points!</td>
</tr>
<tr>
<td>What if I’m absent? How do I get make up work?</td>
<td>Homework Assignments will be posted on Google Classroom. There will not be any excuse accepted for not receiving the homework assignments. also check your assignment guide. See Attendance Policy above.</td>
<td>Loss of assignment points if not completed by deadline.</td>
<td>Gain 100% credit for absent work!</td>
</tr>
<tr>
<td>What if I don’t finish my homework? Will you accept late work?</td>
<td>Late homework will be accepted but will have a penalty of 50% of the grade. NO late work after the Unit Test.</td>
<td>If homework is not completed or missing you will be required to attend DEY Tutoring after school.</td>
<td>Re-gain of 50% credit.</td>
</tr>
<tr>
<td>What if I don’t come to class with the supplies I need?</td>
<td>Teachers are not responsible for giving you supplies. Borrow from a neighbor.</td>
<td>If you do not have your supplies when needed, you will not be able to participate fully in the assignments. Loss</td>
<td>You get to experience sharing with a neighbor! MERITS for helping in Student Logger!</td>
</tr>
<tr>
<td>What if I have to use the bathroom during class time?</td>
<td>Only in an emergency will you be able to use the bathroom. You have your passing period to do so prior to class. That emergency cannot occur 10 minutes into class, or the last 10 minutes before class ends.</td>
<td>You may lose Approaches to Learning Points.</td>
<td>You gain more academic support and learning if you stay in the classroom.</td>
</tr>
<tr>
<td>Am I able to use my cell phone to text my BFF or Charge my phone up?</td>
<td>NO TEXTING or CHARGING IS ALLOWED! You have passing periods to do so. If you feel the need to charge your phone, DO SO during your lunch period. Texting or Charging of phones is not allowed. Your phone belongs in your backpack. <strong>NOT YOUR POCKET!</strong></td>
<td>If your phone is seen or heard you will have a loss of Approaches to Learning points. In severe misuse, a dean referral is given.</td>
<td>You gain more learning and stay focused on the assignments or tasks in front of you. Merits logged in Student Logger!</td>
</tr>
</tbody>
</table>
By signing below, I am acknowledging that I have read, understand, and agree to follow the expectations and policies outlined in the syllabus for Rauner College Prep’s Ninth Grade Multicultural Literature and Composition I Course. I will freely communicate my questions or concerns with Mr. McMahon. Please print clearly.

Student Name (print) ___________________________________     Date ________________

Student Signature ______________________________________    Date ________________

Parent/Guardian Name (print) ____________________________     Date ________________

Parent/Guardian Signature  ______________________________     Date ________________

Parent Email

Parent Cell Number

Circle preferred method of contact:  EMAIL   TEXT MESSAGE   PHONE CALL
Please return to Ms. Bravo Mr. McMahon by 9/07/18