

## **Integrated Math 3/Advanced Integrated Math 3**

Serra High School

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Instructor: Miss Marshall

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### **Course Description**

In the Mathematics III course, students expand their repertoire of functions to include polynomial, rational, and radical functions. They also expand their study of right-triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. The standards in the integrated Mathematics III course come from the following conceptual categories: Modeling, Functions, Number and Quantity, Algebra, Geometry, and Statistics and Probability. (from *California Common Core State Standards: Mathematics*)

Students will strive to achieve both Common Core content standards (what we know and are able to do) and practice standards (how we do it).

A complete list of common core standards for this course may be found at

<http://www.cde.ca.gov/ci/ma/cf/documents/mathfwmathematics3jl.pdf>

### **Classroom Rules and Expectations**

#### **Students will...**

- Be on Time
- Be Prepared
- Be Respectful
- Be Responsible
- Stay Positive

All school rules will be enforced.

### **Consequences**

Any violation of the above expectations may result in parent phone calls, student conference, seat change, or referral.

### **Course Materials**

The following supplies are recommended:

- Notebook or 3-ring Binder with Binder Paper
- Pencil
- Graphing Calculator \* (TI-84 Plus recommended)
- Graph paper

\* A limited number of Texas Instrument graphing calculators are available for checkout from the Media Center

### **Homework Policy:**

Homework will be assigned on a daily basis. It must be completed neatly. It will be checked and collected on the day of the test. Late homework will be accepted for half credit up to one week after the chapter test.

**Khan Academy:**

Students are encouraged to use Khan Academy as a resource. Occasionally, students will be assigned skills that they are expected to complete.

**Quizzes:**

Quizzes will be given for most units. They will be online, and students will have a two-day window to take the quiz at home. There will be no test corrections on quizzes. Students who do not have access to technology at home will be provided with an opportunity to take the quiz after school.

**Tests:**

Each unit, students will be given one test. While the majority of the test will be on material from that unit, any topics previously covered in the class may be on the test. Ample notice will be given for both so that students can study. Students who score below a 75% will be given the opportunity for a retake. In order to retake a test, students must first complete test corrections and obtain a parent signature. The retake will be similar to the original test, but not identical. Students will have two weeks from the day the test is passed back to complete test retakes.

**Final:**

At the end of each semester, students will take a final exam. The exam will cover all material that was taught during the year.

**Absences:**

In the case of an absence, it is the student's responsibility to come to me for any missed assignments. If a student is absent only the day of a test, he or she will make it up the day of return. If the student misses 2 or more days, he or she may arrange a time with me to take the exam.

**Tardy Policy:**

- 1st tardy in a class Warning and counsel student
- 2nd tardy in a class Warning and parent contact
- 3rd tardy in a class Placed on a "loss of privileges" list. (*Students can be removed from the LOP list by attending a Saturday School*).
- On the 10th cumulative tardy (in all classes) during a grading period, a student will be placed on a "loss of privileges" list.
- The citizenship grade on the 4th tardy in a class during a grading period would be no higher than an "N." Any additional tardies in the grading period would result in a "U."
- Excessive tardiness may result in other consequences and disciplinary actions.

**Grading:**

Homework & Classwork	30%
Tests	50%
Quizzes	10%
Final	10%

**Tutoring:**

I will be available for tutoring after school on most days from 2:30 to 3:30. Tutoring will also be held one day per week at lunch. Students will be given ample notice if tutoring is cancelled.

**Cheating:**

Cheating, in any form, will not be tolerated. Any instance of cheating will be handled according to school policy. Please see the Student Handbook for more information.

**Citizenship:**

The following general rubric will be used in determining citizenship grades.

Grade		Behaviors
<b>E</b>	<b>Excellent</b>	<ul style="list-style-type: none"> <li>• <i>No</i> unexcused absences, <i>never</i> tardy</li> <li>• <i>Always</i> prepared and participates in all class activities</li> <li>• <i>Always</i> follows classroom and school rules</li> <li>• Up to 2 missing assignments</li> </ul>
<b>G</b>	<b>Good</b>	<ul style="list-style-type: none"> <li>➤ <i>No</i> unexcused absences, 1-2 tardies</li> <li>➤ <i>Usually</i> prepared and participates in all class activities</li> <li>➤ <i>Always</i> follows classroom and school rules</li> <li>➤ 3 - 4 missing assignments</li> </ul>
<b>S</b>	<b>Satisfactory</b>	<ul style="list-style-type: none"> <li>• <i>One</i> unexcused absence, 3 tardies</li> <li>• <i>Usually</i> prepared and participates in all class activities</li> <li>• <i>Always</i> follows classroom and school rules</li> <li>• 5 – 6 missing assignments</li> </ul>
<b>N</b>	<b>Needs Improvement</b>	<ul style="list-style-type: none"> <li>➤ <i>Two</i> unexcused absences or 4 tardies,</li> <li>➤ Sometimes prepared, sometimes participates</li> <li>➤ Sometimes breaks classroom or school rules</li> <li>➤ 7 – 8 missing assignments</li> <li>➤ Being disruptive to the learning process</li> </ul>
<b>U</b>	<b>Unsatisfactory</b>	<ul style="list-style-type: none"> <li>• <i>Three or more</i> unexcused absences or <i>5 or more</i> tardies</li> <li>• Seldom prepared, seldom participates</li> <li>• Often breaks classroom or school rules, Defiant behavior</li> <li>• Outright disrespect to the teacher, other students, or substitute</li> <li>• Lack of academic integrity (cheating, plagiarism, forging progress reports, submitting work NOT their own, etc.)</li> </ul>

I reserve the right to amend this at any time. If changes are made, students will be notified in writing.