

# Course Syllabus: Algebra II/Trigonometry

Mrs. Trillo, MMHS Math Department

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**Prerequisite:** C or better in Geometry AND proficiency on either the Algebra I CST or the MVUSD Algebra I Proficiency Test.

**Required Texts:** Algebra 2, College Preparatory Mathematics  
AND Advanced Algebra, Prentice Hall

**Course Description:** This course meets the UC/CSU “C” admission requirement as well as the MVUSD graduation requirement for math credit. Algebra II/Trigonometry is a rigorous course that provides students with stronger algebra skills and an emphasis on applications to real world problems. Specific topics to be covered in depth are listed in the MMHS Math department’s approved timeline below.

Fall Semester	Spring Semester
Ch 1: Models, Functions, and Permutations (1.3-1.5)	
Ch 2: Linear Relationships and Functions	Ch 8: Rational Functions
Ch 3: Linear Systems	Ch 9: Periodic Functions and Trigonometry
Ch 5: Quadratic Equations and Functions	Ch 10: Quadratic Relations
Ch 6: Polynomials and Polynomial Functions	Ch 11: More Probability and Statistics
Ch 7: Exponential and Logarithmic Functions	Ch 12: Sequences and Series
	Some lessons from chapters 13 & 14

**Course Content Standards:** The Algebra II state standards can be found at the following CA Dept of Education web address <http://www.cde.ca.gov/ta/tg/sr/documents/rtqalg2.pdf> You can also view these standards on our school website by going to [www.mesarams.com](http://www.mesarams.com) and then clicking on Departments, Mathematics, and then Math Links.

**Grading:** 80% of the final grade in Algebra II will be based on common benchmark, quizzes, tests, and final Exam.

20% of the final grade in Algebra II will be based on assignments, warm-ups, projects, etc.

It is the student’s responsibility to check their answers to daily assignments and to make corrections on their papers before it is turn in. The assignments will be graded based on the effort for completing all problems assigned. Most assignments are graded using the following scale:

20-Complete and quality work with corrections.

10-Late work and incomplete with 50% or more done and / or with no corrections.

0-Nothing submitted or submitted with less than 50% completed.

Assignments with no name go to the no-name tray and anybody can claim any paper from this tray. Also students will miss 5 points of the total credit. Late assignments may be submitted on or before the test day for that chapter for half of the amount given to that specific assignment. Periodically, grades will be printed a week before grade reports are due and on the internet as well. The standard grading scale will be used:

100-90%	89-80%	79-70%	69-60%	59-0%
A	B	C	D	F

**Hall Passes:** Students must have their ID card, teacher’s permission and a hall pass if out of class during assigned class time. Students being requested by the office will be sent an office call slip. Students are not to be released without a pass.

**Supplies/Format Requirements:** pencil, eraser, graph paper, ruler, binder or folder to keep worksheets, quizzes and tests, composition notebook, and scientific calculator. Also, make sure you include your first name, last name, class name, period #, and date on all assignments. All students will need the composition notebook for taking

notes. In doing so, daily lecture notes will remain organized and sequential for your benefit. Your notebooks are subject to inspections at anytime and should be quality work, organized and complete.

**Attendance:** If you are absent, it is ***your responsibility*** to find out what you have missed. Please note that **ONLY WORK MISSED DURING EXCUSED ABSENCES CAN BE MADE UP FOR FULL CREDIT.**

**Promptness:** Students are expected to be in their seats at the bell ready to work each day. Tardy students must have a pass, and will be expected to follow Mesa's tardy policy as outlined in the student handbook. Tardy students will also not be permitted to make up the daily warm-up points, regardless of whether or not their tardy was excused. School wide policy states that students with an unexcused tardy will receive an after school detention to be served within three days of the tardy.

**Citizenship/Classroom Philosophy/Expectations:** All students and staff demonstrate RAM PRIDE.....that's Purpose – Responsibility – Integrity – Duty – Excellence. Every student deserves the right to an education free of interference and therefore any actions or behavior causing disruption to that education will not be tolerated. Our class time is very valuable and will not be wasted on behavioral problems. With this in mind, every student while in our classroom must adhere to the expectations and policies below. All Rams will...

- |                       |                      |                                |
|-----------------------|----------------------|--------------------------------|
| -Be Prepared          | -Be Responsible      | -Be a Leader and a Team Player |
| -Show Respect         | -Communicate Clearly | -Stay Organized                |
| -Produce Quality Work |                      |                                |

**Specific Behavior Policies:**

1. Be in your seat with materials out and ready to work when the bell rings. See Promptness above.
2. Bring the required materials to class every day.
3. Follow all directions quickly.
4. Do not interrupt when someone else is speaking.
5. No food, drink, candy or gum. Unspillable water bottle with water is the only exception.
6. The bell does not dismiss the class. Students will be dismissed by the teacher once the room is in order.
7. No cell phones or other electronic devices. They will be confiscated per MMHS school policy. Refer to your student handbook. **KEEP THEM OFF....and not in silent or vibrate mode.**

Your success in the classroom is dependent on your success with the material as well as with your compliance to the preceding classroom expectations and policies. Please let me know if there is a situation that needs my attention.

**Communication:**

I will be using the e-mail on the student's file; if there is a different one you want me to use, please let me know. Please write the student's name and period in the subject box when you send an e-mail.

-----**RETURN TO MATH CLASS**-----

Keep info. portion of this handout in your binder for your own records--detach and return this completed page only

**First Homework:**

It is the student's **first homework assignment** to return this signed and completed sheet to the very next class meeting after reading through it with his/her parents. It is worth 20 points so don't start off on the wrong foot and forget to get it done. The informational portion of this sheet should be kept in the front of the math section of your classroom binder for easy access to my contact information.

**Signatures:**

We have read this syllabus **together** and agree to the classroom guidelines and policies.

Period\_\_\_\_\_

\_\_\_\_\_  
Student's name--PLEASE PRINT

\_\_\_\_\_  
student's signature

\_\_\_\_\_  
date

\_\_\_\_\_  
Parent's/legal guardian's name--PLEASE PRINT

\_\_\_\_\_  
parent's signature

\_\_\_\_\_  
date

**Contact Information:**

In order not to interrupt class time, please feel free to email me any time or if you'd rather call, please do so before 7:30 in the morning or after 2:50p.m. Please indicate when it is possible to reach you at each number.

\_\_\_\_\_  
**Parents'** email address (es)....please print your name above each address so I know who I'm contacting

\_\_\_\_\_  
Work phone number

\_\_\_\_\_  
good time to call this #

\_\_\_\_\_  
Work phone number

\_\_\_\_\_  
good time to call this #

\_\_\_\_\_  
Home phone number

\_\_\_\_\_  
good time to call this #

\_\_\_\_\_  
Cell phone number

\_\_\_\_\_  
good time to call this #

**Last Year's Information:**

Please be accurate with the grades. We need to make sure you are in the correct class.

\_\_\_\_\_  
Name of math class last year

\_\_\_\_\_  
school name (if not MMHS)

\_\_\_\_\_  
teacher name

Fall Grade:\_\_\_\_Spring Grade:\_\_\_\_\_

If you took math in summer school this past summer please tell me about it below: