Course Syllabus: Advanced Algebra II/Trigonometry
Mrs. Trillo, MMHS Math Department
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Prerequisite: By placement.

Required Texts: 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. Advanced Algebra II/Trigonometry complements and expands the mathematical content and concepts of Algebra I and Geometry. Students who master Advanced Algebra II will gain experience beyond that of Algebra II with algebraic solutions to problems in various content areas, including the solution of systems of equations in three variables and quadratic systems. A comprehensive list of topics to be covered in depth are listed in the MMHS Math department’s approved timeline below.

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<th>Fall Semester</th>
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<td>Ch. 1: Models, Functions, and Permutations</td>
<td>Ch 8: Rational Functions</td>
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<td>Ch 2: Linear Relationships and Functions</td>
<td>Ch 9: Periodic Functions and Trigonometry</td>
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<td>Ch 3: Matrices</td>
<td>Ch 10: Quadratic Relations</td>
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<td>Ch 4: Linear Systems</td>
<td>Ch 11: More Probability and Statistics</td>
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<td>Ch 5: Quadratic Equations and Functions</td>
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<td>Ch 7: Exponential and Logarithmic Functions</td>
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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 and then clicking on Departments, Mathematics, and then Math Links.

Grading: 80% of the final grade in Adv. Algebra II will be based on common benchmark quizzes, tests, and final 20% of the final grade in Adv. Algebra II will be based on assignments, warm-ups, projects, etc. Students will check their answers to daily assignments (classwork/homework) using the provided red pens and solutions. After the homework discussion, the assignments will be collected and graded based on effort and completion. Most assignments are graded using the following scale:

- 20-Complete and quality work with red pen corrections
- 10-Incomplete with at least 60% done OR Complete but weak/no red pen corrections
- 0-Nothing submitted or submitted with less than 60% completed

Assignments with no name on them earn 2 point less than they would have earned. Please write your name on any assignment with a pen or marker. Late assignments may be submitted on or before the test day for that chapter for half of the credit. Periodically, grades will be printed a week before grades are due. Grades are always available on ABI. The standard grading scale will be used:

100-90% 90-80% 80-70% 70-60% 60-0%
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. Each student gets 5 restroom passes per semester. In order to encourage you to use break and lunch instead of class time, leftover passes will count as bonus homework points.

Supplies/Format Recommended: pencil, eraser, lined paper, graph paper, ruler, college-ruled spiral notebook or composition book, scientific calculator (can usually be purchased for around $10 on sale). Please keep all of your work (assignments, warm-ups, quizzes, etc) organized in a folder or binder and bring it to class every day. Bottom line: be sure that you can find your work whenever you need to. Also, make sure you include your last name, first
name, class name, period #, and date on the upper right corner in all assignments. All students will also need a college-ruled spiral notebook or composition book for taking notes. In doing so, daily lecture notes will remain organized and sequential for your benefit. Your notebooks are subject to inspection and should be quality work, organized and complete.

**Attendance:** If you are absent, it is your responsibility to find out what you have missed by checking my website at [www.mesarams.com](http://www.mesarams.com). If possible, contact me as soon as you know you will be missing class and we can keep you up to date with assignments. We can also set times for any make-up tests or quizzes which are typically given on the day of your return. You can do so by way of email at mtrillo@murrieta.k12.ca.us or by voicemail at 677-0568 ext. 6320. On the day of your return, please see me before school or before class to get caught up (even if that period does not meet that day). Remember that missing just one block day can put you far behind. Please note that ONLY WORK MISSED DURING EXCUSED ABSENCES CAN BE MADE UP.

**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 know them well and speak with me about them if there is a problem or need for clarification. **Any infractions of the preceding expectations and policies will be dealt with at the teacher’s discretion.**

**Communication:**
When you e-mail me follow the following format please

To:  mtrillo@murrieta.k12.ca.us

Subject:  period 2, Advanced Algebra II, student’s full name

Thanks so much for your help on this part. Email will be our most efficient means of communication and I look forward to hearing from you. Thank you in advance.
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 5 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.

_____________________________  ___________________________  ________
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.

________________  __________________  Fall Grade:_____  Spring Grade:_____  
name of math class last year  school name(if not MMHS)  teacher name

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