

***Chino High School Mathematics***  
***Mr. Raya, Room M-23***

**CLASS EXPECTATIONS**

**Welcome back to school. You are enrolled in an advanced level math class this year, which will require more discipline on your behalf. I look forward to working with you towards your success and mastery of the subject matter presented. I have outlined my class expectations for the year.**

**A. Behavior**

It goes without saying that disruption of my teaching or of other students' learning will not be tolerated. Students are expected to come to class with the necessary materials and to stay in their seats while they are in class. Students will respect the school and private property as well as the ideas of others. Pay attention to your teacher, that's what you're here for. Treat your classmates with respect. (There is a difference between friendly kidding and rudeness or cruelty).

1. Students will come to class prepared with covered books, pencils, pens, papers and graph paper. A scientific calculator is also required for some class/homework.
2. Students will be in their seats prepared to work when the tardy bell rings.
3. Students will not have food, drinks or grooming aids in the classroom.

**B. Consequences**

1. Warning.
2. Teacher discipline (detention) and conference.
3. Parent contact/teacher discipline and/or detention.
4. Referral to the counselor or Administration.
5. SEVERE OR REPEATED OFFENSES: the student will be sent to the administrator for any of the following reasons.
  - a. Defiance of authority
  - b. Engaging in behavior that would endanger the physical well being of another student or the teacher (e.g. fighting, throwing object, etc.).
  - c. Disrespect
  - d. Profanity or vulgarity.
  - e. Destruction of school or private property.
  - f. Vandalism
  - g. Being under the influence or being in possession of drugs, tobacco, or alcohol.
  - h. Frequent breaking of the same rule (e.g. constantly out of assigned seat, etc.).

\*If the teacher is absent, the substitute will have the necessary lesson plans. Students, as always, are expected to be on their best behavior. In the event that a student misbehaves or gives the substitute a difficult time, the student will receive 5 one-hour detentions.

**Attendance**

Regular attendance is vital for a student to progress in mathematics. It is the student's responsibility to make sure that his/her parent or guardian clear all absences with the attendance office. If a student is absent, the lesson for the day can be found on either the class website assignment calendar or Google Classroom.

### **Assessments**

Assessments will consist of problems you must solve or graph, as well as written response short answer questions. Some assessments will be given digitally where the student will be required log into a site during class time, or at home to take the assessment. Any student caught cheating on an exam will receive a zero for that Assessment and the parent or guardian will be notified of the infraction.

### **Classroom Tasks**

This class involves a great deal of student participation. You must participate in class discussions/lectures. Participation is about 10% of your final grade. Once called, if a student refuses to participate, he/she will lose 5 points of their participation score.

### **Tardy Policy**

The Chino High School tardy policy will be enforced. Once the tardy bell rings, the door will be closed and locked. If a student arrives to class tardy and misses a small quiz at the beginning of the period, the student will receive a zero for that quiz.

### **Grading Policy**

There is no curve in this class; students are graded on achievement only. Grade assignments by percentage as follows:

**A = 100 – 90    B = 89 – 80    C = 79 – 70    D = 69 – 60    F = 59 – 0**

#### **Distribution of percentage:**

Homework and Classwork	30%
Assessments	70%

### **Homework**

Homework is given **every day** with few exceptions. To receive credit for an assignment a student must complete the assignment, show the work, and correct mistakes in the work (not just the solutions). Any homework assignment requiring the student to graph must be done on graph paper, or the student will not receive credit for the assignment. Your student is expected to complete his/her homework before arriving to class. To succeed in mathematics, the homework must be done on a regular basis. This allows the student to practice the skills that will be needed for the exam. All worksheets necessary for the assignment will be distributed digitally.

### **Extra Help**

I will be available **before school and during lunch** for any extra help you may need. Please notify me that you will be coming in for help.

RESPECT FOR THE TEACHER AND THE OTHER STUDENTS IS EXPECTED AS ALL TIMES. ANY DISTRACTIONS IN THE CLASSROOM WILL NOT BE TOLERATED AND WILL RESULT DISCIPLINARY ACTION! THE CHINO HIGH SCHOOL ATTENDANCE POLICY WILL BE FOLLOWED IN THIS CLASS.

**All supplemental worksheets can be found on my school fusion page. All students are expected to print out their own worksheets.**

### ***Integrated Math III***

#### **A student will be able to:**

- Solve and graph linear sentences.
- Perform operations on polynomial expressions.
- Factor polynomials.
- Perform operations on rational expressions.
- Perform operations on complex numbers.
- Solve systems of linear equations and inequalities.
- Solve quadratic equations and inequalities.
- Identify and graph conics.
- Solve problems with real exponents.
- Solve problems involving logarithms.
- Solve problems with arithmetic and geometric sequences and series.
- Simplify expressions using the binomial theorem.
- Solve polynomial equations.
- Solve problems with matrices and determinants.
- Simplify problems using permutations, combinations and probability of events.
- Solve problems involving the theory of functions.
- Calculate, without using a table or calculator, the trigonometry functions of angles which are positive and negative multiples of 30 and 45 degrees.
- Graph sine and cosine functions including amplitude, period and phase shift changes.
- Be familiar with the graphs of tangent, cotangent, secant and cosecant functions.
- Use a calculator as a tool in solving trigonometry problems.
- Solve problems involving right triangles.
- Solve problems involving oblique triangles.
- Prove simple identities.

**Please return this page only**

By signing this page you certify that you have read and understand the expectations for my class.

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Student's name (printed)

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Parent/Guardian's signature

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Student's signature

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Parent/Guardian's e-mail address

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Phone number