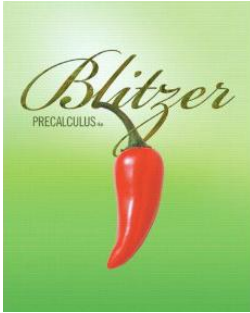


Welcome to **Trigonometry & Pre-Calculus!** Trigonometry, according to Webster, is the branch of mathematics that deals with the relations between the sides and angles of plane triangles. Additionally, material from Algebra 2 and Geometry will be revisited.

The **textbook** used in this course is Blitzer Precalculus 4e by Pearson © 2010 (\$105 replacement cost). Additional resources include: Solutions Manual, Chapter Test Prep Video CD, & MathXL ® for School.



Fall Semester

- Chapter P – Prerequisites
- Chapter 4 – Trigonometric Functions
- Chapter 5 – Analytic Trigonometry
- Chapter 6 – Additional Topics in Trigonometry

Spring Semester

- Chapter 1 – Functions & Graphs
- Chapter 2 – Polynomial & Rational Functions
- Chapter 3 – Exponential & Logarithmic Functions
- Chapter 7 – Systems of Equations & Inequalities
- Chapter 9 – Conic Sections & Analytic Geometry
- Chapter 10 – Sequences, Induction, & Probability
- Chapter 11 – Introduction to Calculus

Attendance & Tardy Policy

Attendance is the most important reason for student success in the classroom. The school district's attendance policy ("**90% Rule**") will be followed. Failure to meet the 90% requirement will result in credit loss (unless an **appeal** has been filed and approved). It is the responsibility of the student to make up any missed work, assignments, quizzes, or tests.

Limitation of **six (6)** absences per semester (ABC block schedule):

- Domestic (**DOM**)
- Unverified (**UNV**)
- Truant (**TRU**)



Absences that **do not** count against the 90%:

- Circumstance (**CIR**) – religious, legal, bereavement, family business, personal business, pre-arranged, emergencies (administrator approved)
- Medical (**EMD**) (health care professional excused)
- Medical (**MED**) (parent/guardian excused)
 - without being excessive
- School Business (**SCH**) – sports, music, testing, & school-related functions



Entering the classroom after the bell is considered a **tardy**, or unexcused missed instruction (**UMI**). Tardy detentions will be assigned during lunch or after school. Excessive tardies that are not excused (**EMI**) will result in an **office referral** ("Tardy Time", Friday/Saturday school, and/or suspension).

Please refer to the **student handbook** or online at www.washoe.k12.nv.us for additional information!

Conduct & Behavior Policy



- Be **respectful** and **responsible**. Success will follow!
- **Inappropriate behavior** is unacceptable.
- **Cheating** will not be tolerated.
- **Food and drinks** are not allowed in the classroom (only bottled water).
- **Dress code guidelines** will be followed according to the student handbook.
- **Disruptive items** are not allowed (music players, cell phones, etc.).

Failure to follow these guidelines will result in, but not limited to: **warning, parental contact, office referral, parent-teacher conference, removal from class.**

Materials Needed

- 2-inch, **three-ring binder** with **section dividers** and **tabs**.
- **Graphing calculator** (Casio fx9750GII, or fx9750/9850 GB Plus).
 - Casio fx9750GII available locally for \$50.
 - Calculator memory will be cleared before & after Finals.
- Extra sharpened **pencils** or **pens** and **notebook paper**.
 - Pencils available for 25¢ each.
- **Two-pocket folder** for miscellaneous papers.



Academic Responsibilities



Keys to Success

- Be organized (with note-taking & homework)
- Plan ahead (for homework & studying)
- Review & practice (with a friend or classmate)
- If in doubt, ask questions!

Be prepared for class (textbook, notebook, assignments, pencils or pens, notebook paper).

- Notebooks must be **organized** with labeled section dividers (**Warm-Ups, Notes, Homework, Other**).
- **Textbooks** must be **covered**. Textbook **checks** will be conducted periodically.
- **Homework** must include assignment, problems written out, and necessary **work shown**.
- **Late homework**, worth up to 60%, must be turned in within one week after the due date.

Make-up work (for excused absences) must be turned in within "time equal to the number of days you were out" of class. If you were absent on the day a **test** was given, you will be expected to make it up the day you return to class. A **missed quiz** will be grade **exempt** if the absence is excused. Otherwise, it will count as a zero.

Help & Support

If you start **falling behind**, feel **unclear about concepts** taught, or were **absent**, then you must make an effort to catch up! Get **help** as soon as possible!

- **Extra help** before school, during lunch, and after school is available by appointment. See me in **room 219** or the **Math/Science office** (Red Hall).
- **Peer Tutors List:** Upper-level Reed H.S. students offering their tutoring services.
- **Local Sources:** Private tutoring at **UNR** or **TMCC** (academic programs) & businesses. Check your local listings.



Online Resources

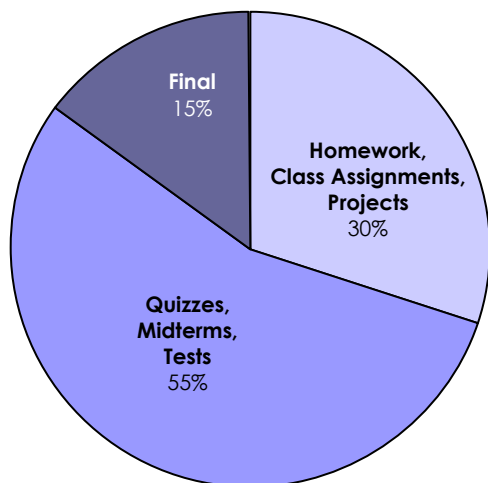


- **Washoe County School District** (<http://www.washoe.k12.nv.us>)
- **Infinite Campus** (<https://campus.washoe.k12.nv.us/campus/portal/washoe.jsp>) – attendance, grades, calendar, news, student schedule, and more.
- **Pearson MathXL** ® (<http://www.mathxlforschool.com>) – online homework, tutorial, and assessment system of the text.
- **InterAct Math** (<http://www.interactmath.com>) – online practice and tutorial help.
 - Click ENTER, and select the book, Blitzer: Precalculus, 4e.



Grading System

Academic grades are weighted based on the following chart:



Academic Grading Scale
(per semester)

A	≥ 90.0%
B	≥ 80.0%
C	≥ 70.0%
D	≥ 60.0%
F	< 60.0%

Citizenship grades are based on a student's attitude, conduct, and behavior.

An unexcused missed instruction (**UMI**) will **lower** your citizenship grade by a grade point after the first tardy (per semester).



Missing assignments (MI) and assignments you were absent (AB) for can be made up for FULL points! Assignments with Zeros (0) can be made up to 60% of the points! **Note:** Points will be given only to homework that is fully done with work shown! Chapter test retakes have a maximum score of 80%.

Each student will be given one **hall pass card** per semester. Students must have their **school ID** to use the hall pass for "taking care of business" (i.e. bathroom, water fountain, or locker). Each hall pass card contains 60 minutes of time in blocks of 5. Please limit each trip to 10 minutes. Any time left over from each semester can be turned in for **extra credit** (to be determined). An unexcused missed instruction (UMI) (a.k.a. tardy) will result in the loss of block time. Hall passes are **transferable** for regular use.



Acknowledgement of CLASSROOM EXPECTATIONS & SYLLABUS ~ Trigonometry/Pre-Calculus

Parent(s) or Guardian(s): _____

Please take the time to read over the classroom expectations with your son or daughter. Remember that classroom grades are updated on **Infinite Campus** while notes and assignments are located on my website: <http://papachan.weebly.com>. Take advantage of the online resources provided by the textbook publisher! If there are any questions or comments, please do not hesitate to email or call me.



Mr. Chan

We have read and understood the Classroom Expectations and Syllabus for Mr. Chan's class. In order to be successful, these guidelines will be followed. The student will inform the parents on his or her progress throughout the school year. Additionally, if the student falls behind, help will be sought.

Student **Name** (print): _____

Student **Signature**: _____ Date: _____

Parent **Name** (print): _____

Parent **Signature**: _____ Date: _____

Miscellaneous Information

Mr. Chan's website, <http://papachan.weebly.com>, contains important links, announcements, upcoming events, help & support, contact information, **class assignments & notes**.

Grades will be posted to Infinite Campus on a regular basis:
<https://campus.washoe.k12.nv.us/campus/portal/washoe.jsp>

Updated information pertaining to Reed High is available at: www.washoe.k12.nv.us/reed

School and sports calendars are available at: www.highschoolsports.net

- After finding Reed H.S., choose "My Schedules" tab.

Contact Information

Mr. Chan

Math Teacher

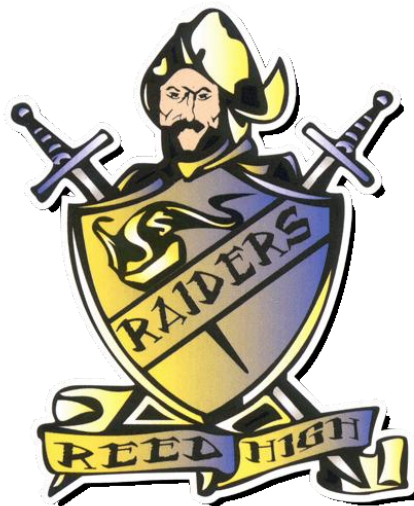
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(775) 353-5700 (school)

(775) 328-8465 (voicemail)

kchan@washoe.k12.nv.us (email)

<http://papachan.weebly.com> (website)



RESPECTFUL ~ RESPONSIBLE ~ SUCCESSFUL