

Pre-Calculus with Trigonometry
Fall 2020/ Spring 202

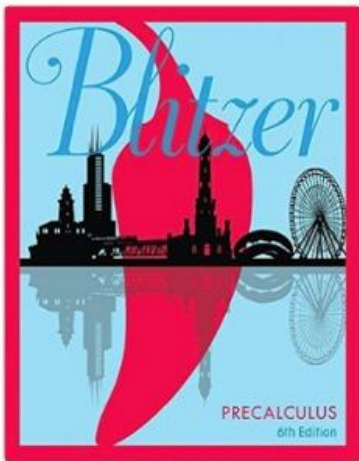
Mr. Brad Naughton
Room: Leadership

Class Website: <https://naughtonshuskies.weebly.com/trig--pre-calc.html>

Email: bnaughton@washoeschools.net

This course will examine trigonometry and get students ready for Calculus at Reno High School or at the University level. Since this is an honors class, an honors work ethic and attitude is required.

The **textbook** used in this course is Precalculus 6th Edition by Pearson © 2018 (\$85 replacement cost), individual sections are available **electronically** via MathXL (online - <https://www.washoeschools.net/Domain/684>).



Fall Semester

- Unit 1 – Algebra 2 Review
- Unit 2 – Exponentials and Logarithms
- Unit 3 – Introduction to Trigonometry
- Unit 4 – Trig Functions and Graphs
- Unit 5 – Law of Sines and Cosines

Spring Semester

- Unit 6 – Trig Identities
- Unit 7 – Solving Trig Equations
- Unit 8 – Polar
- Unit 9 – Vectors
- Unit 10 – Conics
- Unit 11 – Partial Fractions
- Unit 12 – Sequence and Series
- Unit 13 – Intro 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% attendance rule 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, Mini Celebrations, or Celebration of Knowledge. Students might be required to come in at lunch / after school to make up missing work at Mr. Naughton's discretion. Students that are excluded because of Covid-19 will need to contact the office, and then absences will be excused.

Entering the classroom after the bell is considered a **tardy**, or unexcused missed instruction (UMI).

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

Covid-19 / Distance Learning Statement:

No one signed up for this. Not for the sickness, not the masks, not for the social distancing, not for the mental stress & fatigue. But we will get through this together!

We are in this together. My recommendation to you (student and parent) is to try your best, and **over-communicate**. Feel free to email or text (via Microsoft Teams App) if you have any questions, and I'll do my best to get back to you as soon as possible. If you fall behind, need special resources, or have Covid-19 related issues come up – please let me know and we will work together.

If you have to be excluded because of Covid then let me know as soon as you can, and we can work out a plan. If you are excluded, you are not except from the topics, class assignments, and assessments.

Conduct & Behavior Policy “Keys for Success”



- Put forth their **best** and **honest** effort.
- **Respect Yourself: Respect Your Peers: Respect Your Classroom: and Respect the Educator.**
- **Always** seek to improve.
- Take **responsibility** for one's behavior, actions, and attitude. You are responsible for your success in this class.
- **Dress code guidelines** will be followed according to the [Student Planner](#).
- **Disruptive items** are not allowed (music players, cell phones, etc.) and can be confiscated at the digression of the teacher.
- **Head phones / Ear buds** are not allowed to be in or on the ear even if the music device is off. The only exception is if a student is watching a video via Microsoft teams
- **Vaping / E-cig or tobacco of any kind** seen in class or school will result in immediate referral to the dean, confiscation of all pieces, and parent contact.
- **Masks** – Masks must be worn indoors per the WCDSD and/or governor directive. Make sure you have your mask and it is covering your nose and mouth

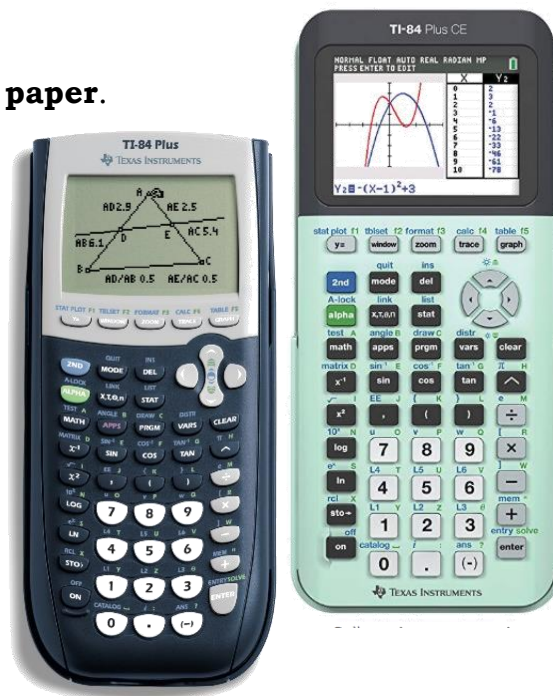
Failure to follow these guidelines will result in, but not limited to:
warning, parental contact, office referral, parent-teacher conference, removal from class.

Math Department Fee

- There is a \$10 lab fee for all math classes. This fee is used to extend and maintain the Promethean board technology within the math department. Please pay the bookkeeper.

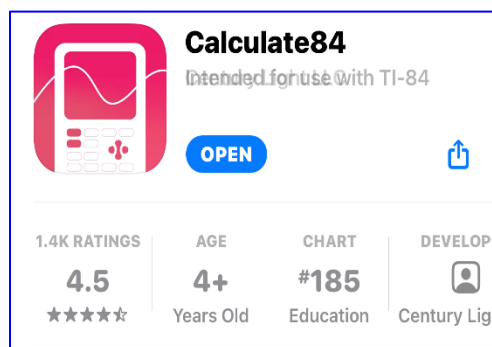
Materials Needed:

- 2-inch, **three-ring binder** with **section dividers** and **tabs**.
- **Scientific calculator** Recommended TI-84
- Extra sharpened **pencils** or **pens** and **notebook paper**.
 - Pencils available for 25¢ each.
- **Two-pocket folder** for miscellaneous papers.



Calculator Apps / Apps on Smart Phones:

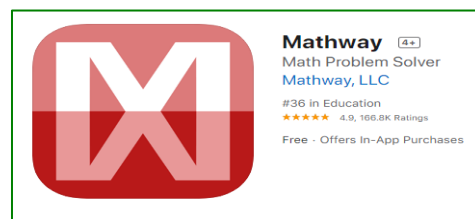
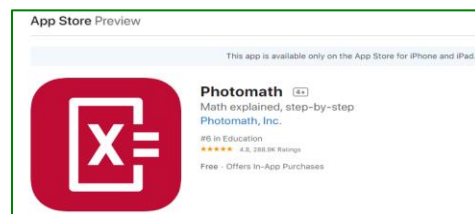
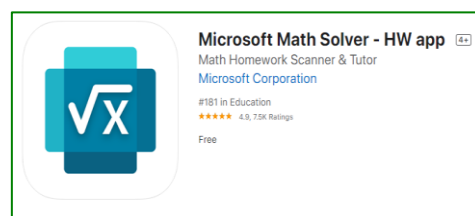
- Smart phones are an amazing tool to help you learn math and are highly encourage.
- No phone will be **NOT** be allowed during a Celebration of Knowledge (hence we recommend the TI-84 Calculator)



*Apple
App
Store*

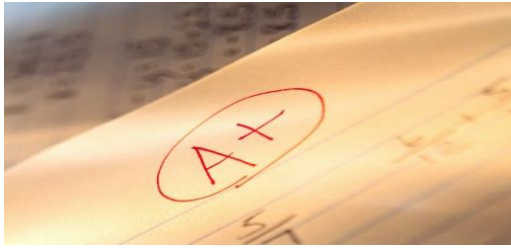


*Google
Play
Store*



*Homefun
Help
Apps*

Academic Responsibilities:



Keys to Success

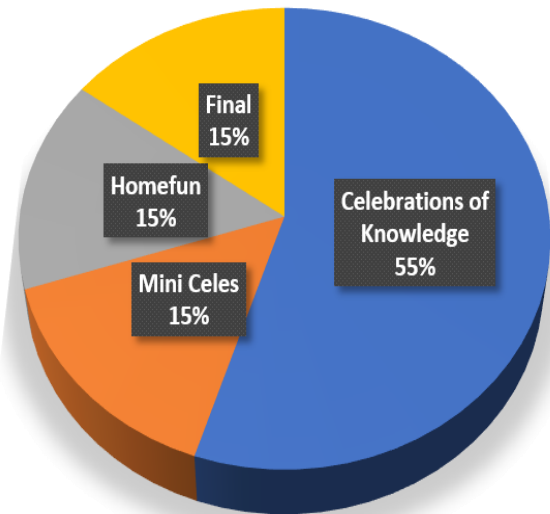
- Be organized (with note-taking & Homefun)
- Plan ahead (for Homefun & studying)
- Review & practice (with a friend or classmate)
- If in doubt, **ask questions!**

Be prepared for class (Guided Notes, notebook, Homefun, pencils or pens, notebook paper, and a growth mindset attitude).

- Notebooks must be **organized** with labeled section dividers (**Guided Notes, Homefun, Celebrations of Knowledge / Mini Celebrations**).
- **Textbooks** must be **covered**. Textbook **checks** will be conducted for Participation points.

Grading System:

Academic grades are weighted based on the following chart:



Academic Grading Scale
(per semester)

A	≥ 90%
B	≥ 80%
C	≥ 70%
D	≥ 60%
F	< 60%

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



Homefun:

- **Homefun** must include **all work shown and answer is circled**.
- Homefun will be given out nearly **every class period** and will be checked **daily**.
- **Homefun will only be accepted if every example is attempted.**
- Homefun will no longer be accepted if it is completed after the Unit Celebration of Knowledge.

Celebrations of Knowledge and Mini Celes:

- This is the major of the student's grade (70%) – they need to be taken seriously. Students need to practice (doing their Homefun daily) and advocate for themselves when they need more help.
- There will be Calculator and Non Calculator sections for Celebrations of Knowledge
- Students will be allowed **one (1) retake for** each semester. To take a retake, students must fill out the Celebration Correction Form.
- **No phones, smart watches, or head phones will be allowed on the Celebrations or Mini Celes.**

Make-up work

For any absence, (school business, medical, truancy, or family business) must be turned in within “time equal to twice the number of days you were out” of class. If you were absent on the day a **Celebration of Knowledge** was given, you will be expected to make it up the day you return to class. Otherwise, it will count as a zero until it is made up.

If you start **falling behind**, feel **unclear about concepts** taught, or were **absent**, then **you** must make an effort to catch up! Do not wait until the next class meeting to get extra help.

- **Extra help** is available before school, at lunch, and after school. Mr. Naughton can be found in Leadership Room at lunch (except for Tuesdays and Spirit Weeks)
- **Infinite Campus** – Live website where grades, and attendance can be found.
- **Youtube.com** is an amazing resource. Type the concept you are unsure of, and watch other educators help you master the concepts.
- **Covid Videos** – Most topics will have a video that aligns to the topic, but won't exactly match up. See the Unit Calendar for the links.
- **Class Website** - <https://naughtonshuskies.weebly.com/trig--pre-calc.html>

Grades:

They will be posted on the **Internet** at <https://washoenv.infinitecampus.org/campus/washoe.jsp?status=logoff&lang=en> on a regular basis. Assignments when you were absent (**AB**) for can be made up for FULL points! Assignments with Missing assignments (**MI**) can be made up to 100% of the points as long as we are still in that unit. **Note:** Points will be given only to Homefun that is fully done with **work shown!**

ACADEMICS, CHEATING, AND PLAGIARISM:

The Reno High School Honesty Policy will be in effect regarding cheating and plagiarism. Cheating/Plagiarism will not be tolerated at any time. Cheating/Plagiarism is turning in any work that is not your own. (i.e. copying homework, copying, talking, or using a cheat sheet in an exam, or using someone else's work as their own.) A student caught cheating/plagiarizing will receive a zero for the assignment and an automatic “F” in their semester's citizenship grade.

Math XL:

Students can use the link on the Quick Reference or go through these steps.
Sign into a district computer.
Go to www.washoeschools.net
Click on Student and Parent
Click on Envision
Click on Sign In

If at home: Go to www.washoeschools.net
Click on Student and Parent
Click on Envision
Click on Sign In – sign in using **washoe\studentID#**, their password.

Paternity Leave:

Brad Naughton will be out on Paternity leave for his second child on August 27th – September 13th.

Contact

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