

Math 126 Year-Long (Intro Pre-Calculus)

2024 - 2025

Instructor Information:

| Teacher | Room | Email | Availability |
|---------|------|--|------------------------------------|
| Ferrao | E271 | Karen.Ferrao@WashoeSchools.net | By appointment during school hours |
| Kretsch | 222 | Katrina.Kretsch@washoeschools.net | By appointment during school hours |

Course Description:

This is a one-year course designed to follow Algebra 2. The major topics of semester one of study are polynomials and rational functions, exponential and logarithmic functions, domain and range of advanced functions, the use of notation in set, interval and inequality, composition of functions, complex numbers, powers and roots, polynomial equations and inequalities, rational equations and inequalities. The major topics of semester two are matrix operations and applications, system of linear equations in two and three variables, conic sections, sequences and series, probability, and limits.

This course was recently endorsed by the NCAA.

Course Pre/Co-requisites:

Basic understanding of linear, quadratic, rational, and polynomial functions, as well as function notation and graphs. A strong background in Algebra 2 is required.

Required texts, course materials:

This course uses the textbook: Precalculus by Robert Blitzer, 6th edition.

Be aware that the textbook cost is \$95, and if you lose this book or damage it beyond repair, you will be responsible for this amount. Fines (ranging from \$2.00 to the total cost) will be assessed for broken bindings, writing in textbooks, et. If you choose to sign out a text, you should cover your book and use it respectfully.

\$3 Lab Fee paid to bookkeeper. Please show your receipt to your math teacher.

Grading Criteria, Scale, and Standards:

| Type | % | Policy |
|---------------|-----|--|
| Assignments | 10% | Homework and classwork assignments are due the next day that class meets. Please show work steps. |
| Quizzes | 10% | Quizzes will be given periodically and will cover content from lessons and homework. Show work steps at all times. |
| Participation | 5% | Your participation in individual practice and group work is essential. |
| Assessments | 60% | Tests will always be announced in advance and will be worth 100 points each. There will be several chapter tests, along with a cumulative final exam. The final exam can replace your lowest test score if it helps your overall grade. Projects may be occasionally assigned. Detailed instructions will be provided. |
| Final Exam | 15% | A final exam will be given at the end of the semester. |

Class expectations/procedures/structures:

- Be on time, seated, and ready to work when the bell rings to start class.
- Bring all materials to class daily. Respect others and their property.
- Stay on task and participate fully. Phones are not to be out or used during class time unless the teacher has given specific permission.
- Students who **complete all assignments** for the semester will receive a **2% bonus** for their semester grade after finals are taken and graded.
- All assignments should be completed in pencil; all corrections should be done in pen.
- Students are required to show work on all problems on their assessments, tests, quizzes, and all corrections must also have work shown.
- **Test retakes:** eligible students may **retake two unit tests per semester to fully replace the lower score.** After that, any further retake scores will be averaged with the original score.
Eligibility requirements for test retakes: complete all assignments for the unit, attempt every problem on the original test, and turn in corrections of errors on the original test.
- Late assignments will be worth 50% of the earned score and must be turned in before the test in order to be graded.
- WNC Canvas will be used to communicate with students.
- Absent students should visit the math department website: www.washoeschools.net/DRHSmath and click on "Intro PreCalculus" to write down the class notes before returning to class.
- Students who lose a worksheet/handout/notes packet should visit the website in order to print off a new copy.

DRHS/WCSD grading scale:

A: 90% - 100% B: 80% - 89.9% C: 70% - 79.9% D: 60% - 69.9% F: <59.9

Make-Up Work

- Make-up work is defined as scheduled tests, scheduled quizzes, homework assigned on the day the student was absent, and/or a description of the topic(s) covered in class while the student was absent and possible resources where the student can obtain information on the topic(s).
- It is the responsibility of the student to request make-up work after returning from an absence and return the completed work within the designated deadline.
- Students are provided the length of the absence plus one day to complete any make-up work assigned. For example, if the student was absent for four days he/she will have five days to complete and submit the make-up work.
- Students who do not request or return completed make-up will not earn credit on missed assignments.
- Make-up work need not be identical or equivalent to that missed due to the absence but will ensure that the student has the opportunity to meet the academic standards.
- Previously assigned work that was due on the day the student was absent is NOT considered makeup work and is due the day the student returns to school.
- The teacher must provide make-up work to the student within 2 days of the student's request.

Tentative Course Calendar / Topics Outline:

| | |
|----------|--|
| Aug/Sept | Ch.1 Functions |
| Oct | Ch.2 Polynomial and Rational Functions |
| Nov | Ch.3 Exponential and Logarithmic Functions |
| Dec | |
| Jan | Ch.4 Intro to Trigonometric Functions |
| Feb | Ch.5 Rational Functions |
| March | Ch.6 Systems of Equations and Inequalities |
| April | Ch.7 Matrices |
| May | Ch.8 Conic Sections and Analytic Geometry |
| June | Ch.9 Sequences and Series |

* Dates subject to change.

DRHS Cell Phone Policy:

In the best interest of student learning and wellness, Damonte Ranch High School will be implementing a NO CELL PHONE policy during class time with clear and consistent expectations. We believe this policy will minimize distractions from teaching and learning. We are committed to the academic success, enrichment, and wellbeing of all students and appreciate your partnership and support as we elevate our focus on learning for our Mustangs.

Student use of cell phones and smart watches will not be permitted anywhere in the school building during designated learning time– this applies to aides, peer tutors, and off-campus students in the building, as well as classroom students.

Students are expected to store silenced cell phones and smartwatches in a backpack or with the teacher during class time. Devices cannot be on a student's person. Students cannot access cell phones or smartwatches during instructional time. Any infraction of this policy will result in a major behavior referral, the device will be sent to the Corral.

- First offense the student can pick up the device at the end of the day. If a student has a single major behavior technology entry for the semester, the student can submit an appeal at the end of the semester to erase the entry from their permanent record.
- Second offense parent/guardians will be responsible for picking the device up.
- Third offense parent/guardians will be responsible for picking the device and the student will receive a behavior entry for disregard for school rules.

Students must bring a charged laptop and laptop charger to all classes. School laptops are available for check out in the library. For personal laptops we recommend Windows friendly computers. Students with personal laptops cannot access games, apps, or messaging during instructional time.

- First offense student is given a warning that will be documented as a major behavior-technology violation. If a student has a single major behavior technology entry for the semester, the student can submit an appeal at the end of the semester to erase the entry from their permanent record.
- Second offense major behavior-technology violation and disregard for school rules, student will lose the privilege of bringing a personal computer to school for one semester.

Damonte Ranch High School/WNC/WCSD Policies

WNC Policy: Student conduct shall conform to the standards set forth in the Western Nevada College 2024-2025 Catalog. **Cheating in any form or manner will result in an automatic semester grade of “F” for this course.** [Here is a link to the WNC Academic Integrity Policy.](#)

Academic Integrity:

Cheating means gaining unfair advantage by using unauthorized information.

Cheating is further defined by but not limited to:

- COPYING someone else’s homework, classwork, or test answers
- ALLOWING someone else to copy your work or test answers
- USING any kind of unauthorized device, study aid, or cheat sheet
- POSSESSING or VIEWING a copy of an exam beforehand
- SHARING test information with students who have not yet taken the test or course
 - o This includes taking answers/questions from a test out of the classroom without the permission of the teacher.
- CHANGING your answers or someone else’s when correcting in class
- MISREPRESENTING work done by others as your own work.

Plagiarism is presenting the words or ideas of another person as one’s own without citing sources.

- YOU ARE PLAGIARIZING when you copy a phrase, a paragraph, a page or an entire paper.
- YOU ARE PLAGIARIZING when you copy from a published source, i.e. Internet or print.
- YOU ARE PLAGIARIZING when you copy from someone else’s work.

Minimum consequences for cheating are as follows:

- REFERRAL to Student Services
- PARENT CONTACT by the teacher
- LUNCH DETENTION with Student Services
- NOTATION made in school discipline record

Additional consequences may include, but are not limited to, the following:

- Student will receive a ZERO on the test or homework assignment
- Student will receive an “F” in citizenship for the quarter and depending on the severity of the infraction may receive an “F” in citizenship for the semester
- Alternative assignment, to be determined by the teacher

Be Responsible. Make Wise Choices. If you are unsure, ask your teacher for guidance.

I have read and understand the terms and expectations of the syllabus for Math126 (Intro PreCalc).

Student signature: _____

Student printed name: _____