

Pre-Calculus Procedures: Mr. Frossard Room C-14

Remember: Excellent Attendance and Hard Work are critical for success in Math.

This is a more advanced course than Algebra 2 or College Prep Math and is used to prepare students for many advanced college degrees and courses including AP Calculus (AB) and AP Statistics. This course is a very rigorous math course and students will be expected to work much harder to complete in-depth mathematical problem solving. Students should strive to do as much of their assignments on their own in order to prepare for tests that will follow. However, the instructor is available for help before and after school and there will be a math lab available as well. Students should have at least received a C- grade or better each term in Algebra 2 to be prepared for Pre-Calculus; otherwise, the College Prep Math class should be considered first instead. Students who received D or F grades during Algebra 2 are not prepared to take Pre-Calculus. Pre-Calculus covers material in Advanced College Algebra and Trigonometric topics. You are expected to do basic algebraic and arithmetic operations to solve problems. **A scientific calculator is required for the high school class, but is not allowed on parts of some tests.** A graphing calculator may be used at times, but will be restricted on some testing to ensure understanding. **A graphing calculator is not required.**

SHS Grade Scale:

A	94-100	C	73-76
A-	90-93	C-	70-72
B+	87-89	D+	66-69
B	83-86	D	61-65
B-	80-82	D-	55-60
C+	77-79	F	0-54

Students are expected to treat others with respect and dignity. Students may not interfere with the learning process by disrupting instruction. Students are expected to take care of school property and adhere to all classroom, Springville High School, and Nebo School District rules and policies (see your student handbook). Students are expected to come to class **properly dressed and groomed. Anti-drug, tobacco and alcohol policies will be enforced.**

Food, drinks, gum, candy, hats, bandanas, radios, mini-TV's, toys, video games, cell phones, PDA's, pagers, I-Pods, I-Pads or any other similar distraction are **not** allowed in the classroom. These items will be confiscated if used in the classroom. If you have them, then don't bring them out at any time during the **entire class period.**

Daily Assignments 20% Assignments may be book-work, labs or projects. Assignments will be checked at the beginning of class. Students not in class to check their assignments must check their assignments before or after school only. Assignments are considered late if the student was in class for the assignment's instruction, but fails to bring the assignment to class to check it at the beginning of the class. No credit is given on any day where a student has a sluff or unexcused absence marked. Once a section of notes are completed, then students will have until the start of the next class period to have their assignment ready for "on-time" points. Once the folders are collected the assignment is considered "late." **Late work receives only 50% of the score the student gets after checking the assignment before or after school.** Students who are "on-time" to class and check their assignment "on-time" will receive a "1 point" bonus point. I expect great work and neatness. **Each problem from the book needs to be written on assignments. Reasonable work must be shown on multi-step problems for credit. However, the only exception to this rule is that long word problems do not have to be re-written on the assignment before showing work.**

Checking assignments: Assignments are checked in class the class day following the end of the section covered in class. **Three scores are required** on the top of any assignment: **Raw score** out of total answers, **decimal score** rounded to the nearest thousandth, and the **score out of ten** points. Assignments should have the students name, period and assignment number on them.

Make-up work on assignments from an excused absence must be checked before or after school and turned in within one week (5 school days including the day you return) unless we are at the end of a term. At that time the make-up time may be shortened. If you are absent, then get the information on the assignment as soon as possible. Late work receives only 50% of the original value.

Notes 20%

Due in class at the beginning in the folders on the day the student takes the chapter test.

All information, problems and steps shown on the overhead are required on notes for full credit and must be written as shown in notes.

Late notes receive a 25% deduction the first two calendar school days late (the first day begins after notes are collected in class) and a 50% deduction up to the date of the next test or the term assignment deadline date.

Tests and Quizzes 50%.

Tests may be taken only once. Therefore, **students must be ready for their tests.** Tests missed due to excused absences may be made up by the test deadlines written on the white board. It is your responsibility to check these dates even if you are absent from class. Make-up tests are not necessarily the same test given in class to the other students. Some quizzes will be scheduled. A comprehensive Final Test will be given at the end of each term. The final test will count as a test score each term. If the final test score is higher than the lowest chapter test of the term, then the lowest chapter test score will be replaced with the average score of the final test and the lowest chapter test score. 5 bonus points are awarded to any student's test score if the test is taken in class on the test day or taken before the test date. Tests taken after the class test is given will receive no bonus credit, but will still be able to receive full points. An unexcused absence or sluff on a test day will result in a zero for the test score. Make-up tests must be done before or after school in only "**one sitting**". No detention credit may be earned for making up a test. Tests taken after school must begin by 2:55 p.m.

Attendance 10%: Tardiness and absences are detrimental to your math experience. The office will require detention for any infractions on attendance in order to make-up unexcused absences and tardies. The Nebo School District DAF (District Attendance Formula) will be used and Nebo School District and Springville High School policies will be administered.

PreCalculus Text: Prentice-Hall/Sullivan, PreCalculus, 4th edition.

Tentative Schedule:

Term 1: Chapter 2 Functions and their graphs, Chapter 3 Polynomials and Rational Functions, Chapter 4 Exponential and Logarithmic Functions

Term 2: Chapter 5 Trigonometric Functions, Chapter 6 Analytic Trigonometry

Term 3: Chapter 7 Applications of Trigonometric Functions, Chapter 8 Polar Coordinates, Chapter 9 Analytic Geometry

Term 4: Chapter 10 Systems of Equations with Matrices, Chapter 11 Sequences, Series and the Binomial Theorem, Chapter 12 Probability

Additional Topics: Statistics and Limits

I reserve the right to be fair.