

Scripps Ranch High School

Honors Pre-Calculus

2008-2009

Teacher:

Peter Burrell, Room 750; email address pburrell@sandi.net

Textbook:

Precalculus, Graphical, Numerical, Algebraic, Addison-Wesley (\$120)

Course:

This course is a study of algebra, analytic geometry, trigonometry and limits. Students will use graphing calculators to explore properties, to find regression equations and solve non routine problems. Upon successful completion of this course students will be prepared for calculus.

Goals: STUDENTS WILL:

- be able to build mathematical models
- broaden their understanding of the real number system
- become more aware of the many applications of mathematics
- work cooperatively to problem solve
- solve non-routine problems
- strengthen their critical thinking skills
- become more proficient in problem solving
- be prepared for calculus or any subsequent mathematics courses

Achievement:

These goals will be achieved through a variety of classroom activities, notebooks, homework, and assessment.

Supplies:

Three ringed binder, paper, graph paper, ruler, pencils and a graphing calculator (TI-84 Plus) or (TI-84 Silver Edition).

Homework:

Students will have approximately 4-6 hours of homework per week. These assignments will be related to the topics discussed in class and will be expected to be completed before the next class meeting. Homework is due when asked for. Late homework, due to excused absence, must be turned in within a day after the date of return.

Notebook:

Even though the students will have a traditional textbook to refer to, it is extremely important that they keep an organized notebook. The notebook will contain the following student recorded lists:

1. A sample list of in class examples and sample problems.
2. A definition list of terminology.
3. A homework list and section, containing the most recent 6 week assignments.

Evaluation/ Scholarship:

Grades will be determined by assessments, homework, cooperative group work, open ended assessments, projects in the following manner:

75-80% Tests, quizzes and semester exam

20-25% Homework, Classwork

Tests/ Quizzes:

All graded Quizzes will be sent home for parental review and signature. Students will not receive extra credit points for test corrections lacking a parent signature. Extra Credit points will be offered at the discretion of the teacher.

Citizenship:

Scripps Ranch High School Community members will treat each other respect and will demonstrate respect for the role each person plays in the school community. That is, adhere to the three B's:

- Be respectful
- Be in class on time
- Be prepared

Plagiarism:

I will enforce the [SRHS Academic Honesty Policy](#).

Attendance:

The mathematics staff of Scripps Ranch High School believes that an absence from class for whatever reason can only have a harmful effect on a student's progress and grades. Furthermore, the staff believes that punctuality is a trait worthy of development in every student for good citizenship. Therefore, scholarship and citizenship grades will be lowered and detention assigned as a result of accumulated truancies and/ or tardies.

Assistance:

I will try to be available twice a week for after school tutoring in room 750 from 2:10 to 3:00.

Report Cards:

- Semester 1- Oct. 23, Dec. 11, Feb. 20
- Semester 2- Mar 26, May 14, July 1.

Final Exam Dates:

- Fall Semester (Thurs, Fri.; Jan 29 & 30th)
- Spring Semester (Thur through Mon; June 11 through June 15)

Parent Connect:

Grades can be found using the

[SRHS Webpage](#)

linking you to Parent Connect. Accessing the online grades will require the students district ID number and a password issued by the school site technician. You will need to save the password in a safe place. If you already have a district password from either another school and/ or another child you will use the established password and the students ID number. Establishing a replacement for a lost password must be done manually by our site technician and you could face a delay in receiving the new password.

I will try to update the grades on a Biweekly time schedule.

[Download a printable pdf version of this syllabus.](#)