

# West Ranch High School

Honors Pre-Calculus B

Mr. Brady Burrill

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*“West Ranch High School is committed to challenging and motivating each student to achieve excellence and become a responsible and valuable member of society. Through relationships, rigor, and relevance, West Ranch High School promotes integrity, distinction, and vision.”*

*West Ranch High School instills students with a **VISION** and expects its graduates to...*

*...take initiative in pursuing noble post-secondary goals*

*...find ways to make their high school experience meaningful*

*...see the connections between different academic disciplines*

*West Ranch High School Expected Schoolwide Learning Results*

Dear Students and Parents:

This is a two semester course open to students who have successfully completed Honors or Regular Algebra II/Trig with a grade of C or higher. In this course we will cover various topics necessary to mastering the California State Standards in Linear Algebra, Mathematical Analysis, and Probability and Statistics. We will also review the California State Standards in Algebra II and Trigonometry. Next fall students who are successful in Honors Precalculus will be taking AP Calculus BC. In order for students to be prepared for that course work we will also cover the early calculus concepts of derivatives and integrals as well as their applications.

## **Class Materials**

*West Ranch High School promotes **RESPONSIBILITY** and expects its graduates to...*

*...take ownership of their own learning and advancement*

*...demonstrate a commitment to civic and community involvement*

*...honor and take pride in themselves, their campus, their community, their nation*

*West Ranch High School Expected Schoolwide Learning Results*

Students are suggested to bring a 3-ring binder, pencils, pens, paper, graphing calculators (optional), scientific calculators (when graphing are not permitted), and the textbook (students will be given notice if a book needs to be brought to class). And, of course, always bring in the homework that has been assigned along with any questions you may have.

## **Textbook**

- The textbooks used in this course are Precalculus by Blitzer and Rogawski's Calculus for AP by Rogawski. (replacement cost - \$162).
- Additional resources such as websites will be suggested during the course.

## **Grading**

*West Ranch High School inspires its students to **EXCEL** in all areas of development and expects its graduates to...  
...pursue worthy academic goals  
...strive for improvement intellectually, physically and creatively regardless of current achievement  
...commit to intellectual curiosity*

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### **Grading scale:**

A-	90-93%	A	94-98%	A+	98% and above
B-	80-83%	B	84-86%	B+	87-89%
C-	70-73%	C	74-76%	C+	77-79%
D-	60-63%	D	64-66%	D+	67-69%
		F	0-59%		

Grading Breakdown    10%    Homework (HW checks given daily)  
                                  70%    Assessments (Tests, Quizzes, Mixed Reviews)  
                                  20%    Final Exam (cumulative)

### **Mixed Reviews**

Mixed Reviews are cumulative take-home quizzes that are **due the following class period**. After the MRs are graded, students can make corrections on the problems that are missed, **one time**, for full credit. Corrections are due the next period after they have been handed back. MRs not handed in on time will result in a zero.

### **Homework**

Students are assigned homework on a daily basis (HW assignments can be found on the monthly calendar). The following process is used to encourage students to not only complete **all** of the problems, but also **check their answers** and rework problems as needed, seeking help when appropriate. Due to the fact that all answers to homework assignments are provided for students, and help is available to all students, there is no reason for any student to have less than an A average in Homework.

### **Homework Check Process:**

The day HW is due, students will be given 4 problem that are just like 4 problems on their homework. Each assignment is worth 5 points (1 for homework completion and 1 point for each problem that is graded on the homework check).

**There is no late work accepted for point credit.**

*Please be advised that it is the student's responsibility to make corrections to homework **prior** to the homework checks which may require seeking help.*

Attendance is important and is directly related to your success. To be successful, students need to be in class and on time to class each day. The school tardy policy and district attendance policy will be in effect in this class. Students have 2 days to make-up an assignment due to an excused absence and tests **must be made up immediately upon return**.

## **Expectations**

*West Ranch High School honors the **distinctions** that make each person unique and expects its graduates to...*  
*...value diversity of all types*  
*...strive to make themselves stand out positively in academic and cocurricular endeavors*  
*...apply their unique strengths to problems to reach solutions*

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In addition...

*West Ranch High School encourages students to find **value** in themselves and in others and expects its graduates to...*  
*...go beyond the classroom and apply their education to their lives*  
*...make important contributions to the classroom, cocurricular arena, and community*  
*...realize that new experiences and relationships can enrich their lives*

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## **CLASSROOM MANAGEMENT POLICY**

- Each student is to be in his/her seat **before** the tardy bell rings.
- Cell phones and audio devices **ARE NOT** to be taken out during class at **ANY TIME**. Students will receive a warning and then the device will be confiscated.
- Each student is to be prepared for all and any due assignments.
- Food, gum, and drinks (water is alright) are not allowed in the classroom.
- Above all, please treat others with a business-like attitude.

Keep in mind that these are school and district guidelines and are in place to foster a healthy and positive learning environment.

## **Plagiarism/Academic Dishonesty**

*West Ranch High School emphasizes **integrity** and expects its graduates to...*  
*...conduct themselves honorably in the classroom, in the athletic arena, and in the community*  
*...lead others through ethical example*  
*...examine their choices and thereby improve their own character*

*West Ranch High School Expected Schoolwide Learning Results*

Academic dishonesty can also occur when a student uses notes, or other materials, during an assessment, test, or quiz, when they were given explicit instructions not to do so. Any student who participates in any fashion, in any form of academic dishonesty will not only earn a zero on the assignment in question, but may face disciplinary action as well.

## **West Ranch High School Mission Statement**

*“West Ranch High School is committed to challenging and motivating each student to achieve excellence and become a responsible and valuable member of society. Through relationships, rigor, and relevance, West Ranch High School promotes integrity, distinction, and vision.”*

I am looking forward to a great year and hope to see or hear from you soon!

Thank You,

Brady Burrill



**West Ranch High School (Mr. Brady Burrill)**  
***Honors Pre-Calculus B* Course Orientation Signature Page**  
*(Please note that all information you provide will be kept confidential.)*

Student Name: \_\_\_\_\_

Parent/Guardian: \_\_\_\_\_

Home phone: \_\_\_\_\_

Parent/Guardian name and cell phone: \_\_\_\_\_

Parent/Guardian name and cell phone: \_\_\_\_\_

Parent/Guardian name and e-mail: \_\_\_\_\_

Parent/Guardian name and e-mail: \_\_\_\_\_

Student e-mail: \_\_\_\_\_

Previous Math Teacher/Grade: \_\_\_\_\_

From the parent/guardian to the teacher:

Here is some important information that I would like you to know about my child:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

From the student to the teacher:

Here is some important information that I would like for you to know about me:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

My signature below indicates that I have read and understand the requirements for this class as outlined in this course orientation.

Student signature: \_\_\_\_\_ date: \_\_\_\_\_

Parent/Guardian signature: \_\_\_\_\_ date: \_\_\_\_\_

Parent/Guardian signature: \_\_\_\_\_ date: \_\_\_\_\_