

# AB Calculus Test Prep/Enrichment

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**Course Overview:** Below is a tentative schedule for this course (rough estimate).

- 2 days - Review of Limits
- 3 days - Review of the Derivative
- 4 days - Review of the Integral
- 1 days - AP Exam Overview, Begin AP Manual, Review
- 2 days - Course Exam #1
- 13 days - Practice AP Free Response Questions & Lots of AP Manual Workbook Homework!
- 1 days - Course Exam #2
- 4 days - Practice AP Free Response Questions & Lots of AP Manual Workbook Homework!
- 1 days - Final Team Gathering and Good Luck before the AP Exam
- 1 days - **THE AP EXAM!!!**
- 1 days - Day off ... recover from the AP Exam.
- 6 days - Course 4-day Final Exam (during AP week so we leave 2 days extra for make-up days)
- 5 days - Post AP Topics & Group Project(s) ... "Making a Difference in Those to Follow"
- 5 days - Post AP Topics - Vary from Year-to-Year
- 1 days - Fairwell to Seniors
- 5 days - Topic(s) chosen by Junior Vote

Quizzes Almost Every Day!!!

**Course Grades:** Grades are earned by the total points earned in the course.

A	92 – 100%	B -	80 – 81%	C -	70 – 71%
A -	90 – 91%	C +	78 – 79%	D	65 – 69%
B +	88 – 89%	C	72 – 77%	F	<65 %
B	82 – 87%				

**Textbook:** Preparing for the (AB) AP Calculus Examination (workbook by George Best & J. Richard Lux)

- The cost of the workbook will be \$\_\_\_\_\_ (check payable to \_\_\_\_\_)
- All students are strongly encouraged to purchase the review manual.
- Any student who is unable to purchase the review manual will have one loaned to them and will be required to work problems out on their own paper in the same format as the manual. The review manual must return it in "like-new" condition at the conclusion of the course.
- Your AP workbook will count as an exam grade in this course and is a MAJOR grade. This is basically a take-home exam that will require many, many hours of dedicated work. Since your instructor cannot physically grade every problem in every student's workbook, it is important to note now that every problem needs to be completed correctly and have work to support the correct answer. Typically, every problem that you skip or do incorrectly usually equates to losing 1% on your score.

## Course Structure:

1. The first 10-12 days consist of reviewing all of calculus (limits, derivative, and integrals). Plan to have worksheet homework each day with a quiz on the material the following day.
2. The next 18-24 days consist of AP preparation ... this time will involve a significant amount of homework, dedication, and perseverance on your part!
3. After the AP exam we will be completing some Post-AP projects (individual and group), introducing some basic concepts for the next level of Calculus (BC), and taking a final exam.

## Options for when you need help ...

1. **Moodle Forum Help** – Ask and answer questions ... we must become a team!!!
2. **Form a Study Group** – Meet with people ... we must become a group of true friends!!!
3. **Ask Questions** – You can't learn if you don't try ... we must depend on one another!!!
4. **Attend "Help Me Sessions"** – Dates, times, and locations for these sessions will be sent out later.
5. **WebEx Sessions** – Live online help sessions where your teacher can communicate with students via online conferencing software. Directions, dates, and times for these sessions will be announced at a later date.
6. **Before/After School** – Check out Mr. Henderson's schedule to stop by for extra help.

## What you will be graded on in this course ...

1. **Daily Quizzes** – These occur mainly in the first 2-3 weeks of the class.
2. **Exams** – You will most likely have 2-4 exams in this course (including the final).
3. **AP Manual** (workbook) – Work must be shown for EVERY problem. No work = no credit.
4. **Project(s)** – Post-AP group and individual project(s).
5. **Old AP Free Response Evaluation(s)** – Critiquing your work using AP scoring rubric.
6. **Other Work** – Any other daily work that is assigned and collected.

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Your Name (print) \_\_\_\_\_

Your Signature \_\_\_\_\_

Parent Signature \_\_\_\_\_