

A.P. Calculus AB

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Topics

1. Limits and Continuity
2. Derivatives
3. Applications of Derivatives
4. Definite Integrals
5. Differential Equations
6. Applications of Definite Integrals

POST AP Exam

7. Advanced Integration Methods
8. Sequences
9. Polar Functions

Grading

- Homework (10%)
 - Graded primarily on effort
 - Albert io - Wednesdays
- Participation (10%)
 - Attendance matters
- Review Sheets (10%)
 - Due Fridays - unlimited “checks”
- Quizzes (20%)
 - Varying length, can be unannounced or announced
 - Test Corrections
- Tests (50%)
 - Assessments follow every chapter of instruction

A.P. Calculus AB Examination

The exam is 3 hours and 15 minutes long and has two sections – multiple choice and free-response. A graphing calculator is required for parts of the exam (see below). You may not take both the Calculus AB and Calculus BC exams within the same year.

Section I: Multiple Choice | 45 Questions | 1 hour and 45 minutes | 50% of Final Exam Score

- **Part A** – 30 questions | 60 minutes (calculator not permitted)
- **Part B** – 15 questions | 45 minutes (graphing calculator required)

Section II: Free-Response | 6 Questions | 1 hour and 30 minutes | 50% of Final Exam Score

- **Part A** – 2 problems | 30 minutes (graphing calculator required)
- **Part B** – 4 problems | 60 minutes (calculator not permitted)

Summer Assignment

8 Small assignments

Early assignments based on reading of articles

Late assignments based on math problems

All assignments are found on “Mr. P’s Math Corner”

Materials

- Mechanical Pencils
- Fine Point Pens - blue or black (I love Zebra F-301 pens myself)
- TI-Nspire CAS CX graphing calculator. It is very important it says CAS. The CX is not important.
- 2" binder
- Dividers
 - Notes
 - Homework
 - Quizzes
 - Review Sheets
- Graph paper
- Internet Access to watch math videos / USB drive to download videos

Questions problems or concerns?

