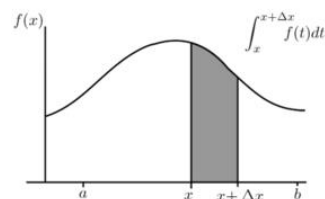


AP Calculus

2010-2011
Mrs. Connie Fong
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 (510) 351-4957



Course Description

This is a one year course of calculus that covers the same material as the first semester of a college calculus course. The class will cover limits of functions, definition and applications of the derivative, definition and applications of the definite integral, techniques of integration, infinite series, inverse trigonometric and hyperbolic functions.

Required Textbook

Single Variable Calculus Early Transcendental, 4th Edition by James Stewart
 ISBN: 0-534-35563-3

Course Outline

First Semester: Limits and Derivatives

Second Semester: Integration and Practice for AP Calculus test

Required Materials

- 3-ring binder to organize papers
- 8 1/2 x 11 inch college-ruled loose leaf paper
- graph paper
- #2 lead pencils and erasers
- green pen for correcting papers
- straightedge
- Graphing calculator, acceptable by College Board
 (Recommended TI-83 or TI-84. Mrs. Fong will be demonstrating with the TI-84 Plus Silver Edition.)

Grading

QUARTER		SEMESTER	
Homework	20%	1st Quarter	40%
Tests and Quizzes	80%	2nd Quarter	40%
		Final	20%

Notes/Homework/Tests

1. Taking notes in class is required. The notes for each day begin with a title. They show a coherent body of ideas accompanied by suitable diagrams such as those given in class. Notes consisting of isolated calculations are not acceptable.
2. **Use pencil only** for all work. Begin assignments with the standard school heading.

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August 19, 2010
Homework

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- All work should be complete, neat, and legible. To receive full credit, all the steps taken to arrive at the answer must be shown on the assignment. No credit will be given for answers without steps.
 - Late work due to an excused absence is made up without penalty. It is the responsibility of the student to inquire about the work missed during the absence. Homework assignments will also be posted on powerschool.
 - Late work due to an unexcused absence or neglect is reduced 10% each day after the due date. After one week, the maximum value a late assignment can receive is 50%.
3. There will be midchapter quizzes, chapter tests, and a semester final. Short quizzes will be given throughout the quarter and may be unannounced. There are NO makeup quizzes or tests.

Classroom Rules

- Be on time and quietly seated. Students will be marked tardy if they arrive late to class without a signed tardy pass.
- Be ready with required materials.
- Have homework assignment out and ready to submit.
- Read the board daily for assignments and upcoming schedule. Transfer information to student planner.
- Raise your hand and wait for permission to speak or to leave seat.
- Be respectful and courteous to the instructor, to peers, staff, and visitors in the classroom.
- In order to insure that effective learning takes place in the classroom, any activity that disrupts the learning or teaching process will not be tolerated.
- Working on assignments from other classes is not permitted.