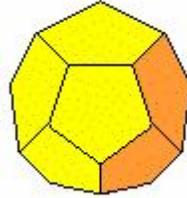


ALCONBURY HIGH SCHOOL

COURSE INFORMATION AND GRADING SYSTEM

2005-2006



MATH ANALYSIS

INSTRUCTOR: MR. G

**GRADING SYSTEM:** A = 90 - 100 %  
B = 80 - 89 %  
C = 70 - 79 %  
D = 60 - 69 %  
F = 0 - 59 %

**QUARTER GRADE COMPONENTS:**

HOMework/ACTIVITIES	: 30%
QUIZZES	: 30%
TESTS	: 40%

**SEMESTER GRADE COMPONENTS:** FIRST QUARTER : 45%  
SECOND QUARTER : 45%  
SEMESTER EXAM : 10%

**DAILY CLASS PREPARATION :** BE PREPARED FOR CLASS. BRING YOUR BOOKS, WRITING PAPER, PEN OR PENCIL AND ANY HANDOUTS YOU HAVE BEEN GIVEN WHICH ARE NEEDED FOR CLASS WORK. A CALCULATOR IS RECOMMENDED. DAILY ASSIGNMENTS OTHER THAN QUIZZES, TESTS, AND ACTIVITIES ARE VOLUNTARY, THEY DO NOT COUNT TOWARD YOUR GRADE BUT ARE STRONGLY RECOMMENDED AS THEY SUPPORT THOSE CONCEPTS EXPLORED AND ARE ASSESSED BY QUIZZES AND TESTS.

**ASSIGNMENT POLICY:** ALL NON-VOLUNTARY ASSIGNMENTS ARE DUE AT THE BEGINNING OF THE PERIOD FOR WHICH THEY WERE ASSIGNED. EVERY STUDENT MUST HAND IN HIS/HER OWNWORK.

**MAKEUP POLICY:** FOR EVERY EXCUSED ABSENCE AN EQUAL NUMBER OF SCHOOL DAYS WILL BE GIVEN TO COMPLETE NON-VOLUNTARY ASSIGNMENT(S). MAKEUP WORK FOR NON-VOLUNTARY ASSIGNMENTS WILL BE DETERMINED BY THE TEACHER. NON-VOLUNTARY ASSIGNMENTS NOT TURNED IN FOR REASONS OTHER THAN EXCUSED ABSENCES MUST BE MADEUP. 10% WILL BE DEDUCTED FOR EVERY CLASS DAY NON-VOLUNTARY ASSIGNMENTS ARE LATE. THIS APPLIES TO TEST, QUIZZES, ACTIVITIES AND HOMEWORK. ONLY ONE MAKEUP ASSIGNMENT CAN BE TURNED IN PER DAY PER CLASS.

**QUIZ POLICY:** IF THERE ARE NO FURTHER QUESTIONS ABOUT A TOPIC DISCUSSED IN CLASS THAT TOPIC MAY BECOME THE SUBJECT OF AND UNANNOUNCED IN-CLASS QUIZ.

**PROGRESS REPORTS:** IF A STUDENT WANTS A PROGRESS REPORT HE/SHE NEED ONLY ASK THE INSTRUCTOR FOR A CURRENT ITEMIZED COMPUTER GRADE REPORT. THIS REPORT WILL BE PREPARED AS SOON AS POSSIBLE. PARENTS ARE ENCOURAGED TO MAKE THE SAME REQUEST. PARENTS WILL BE INFORMED EVERY MIDTERM IF THEIR SON/DAUGHTER IS FAILING OR CLOSE TO FAILING..

**TEXTBOOK POLICY:** THE TEXTBOOK YOU ARE USING IS NOT YOUR PERSONAL PROPERTY. DO NOT WRITE OR MARK IN IT. STUDENTS ARE REQUIRED TO PROVIDE HIS/HER BOOK WITH A BOOK COVER. IF, AT THE END OF THE SCHOOL YEAR, A STUDENT RETURNS A BOOK IN A FAR WORSE CONDITION THAN THEY RECEIVED IT, PAYMENT FOR THE BOOK WILL BE REQUIRED. ALL MATERIALS CHECKED OUT AT THE BEGINNING OF THE SCHOOL YEAR MUST BE RETURNED AT THE END OF THE SCHOOL YEAR.

**NOTEBOOKS:** IT IS STRONGLY RECOMMENDED THAT YOU KEEP A NOTEBOOK WHICH WILL CONTAIN NOTES TAKEN FROM LECTURES, GROUP DISCUSSIONS, HOMEWORK AND NOTES YOU MAY WANT TO TAKE FROM THE TEXT. A LOOSE LEAF BINDER WILL DO. YOU MAY USE THIS NOTEBOOK WHILE YOU TAKE ANY EXAM, TEST, OR QUIZ. A GOOD NOTEBOOK MEANS A GOOD GRADE.

PARENT'S OR GUARDIAN'S SIGNATURE:

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STUDENT'S SIGNATURE

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# Mathematical Analysis Syllabus

Linear Relations and Functions

Systems of Equations and Inequalities

The Nature of Graphs

Polynomial and the Rational Functions

The Trigonometric Functions

Graphs and Inverses of the Trigonometric Functions

Trigonometric Identities and Equations

Vectors and Parametric Equations

Polar Coordinates and Complex Numbers

Conics

Exponential and Logarithmic Functions

Sequences and Series

Iteration and Fractals

Combinatorics and Probability

Statistics and Data Analysis

Graph Theory

Limits, Derivatives and Integrals