

ANALYTIC GEOMETRY AND CALCULUS

(Math2200, Call number: 20-053, Monday, Wednesday, Friday 12:20 ~ 1:10)

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Office Hour : Tuesday, Thursday 10:30 ~ 12:00, or by appointments.

Text : Edwards and Penney : Calculus, Early Transcendentals Version, 6th edition.

Plan for the course

- (1) Prelude to calculus
- (2) The derivative and rules for differentiation
- (3) Applications of the derivatives; derivatives of transcendental functions
- (4) Mean Value Theorem and applications
- (5) Curve sketching
- (6) Anti-derivatives

Test : Each of these tests is worth 100 points.

- (1) Test 1 : February, 2
- (2) Test 2 : March, 1
- (3) Test 3 : April, 2

Exam : May, 5, 12:00 ~ 3:00

The final exam is worth 200 points

As a general rule, **I do not accept late homework, nor do I give no makeup tests and final exams**

Homework : You will have homework in every Friday. Almost of all problems in tests will be very similar to the assigned homework problems.

Attendance Policy

Full participation in the course is required. A student may miss three or fewer classes without penalty. You must keep this opportunity for an emergency. A student who misses four or more classes will have his/her grade lowered by one letter grade or more.

Grading Policy

Your final course grade is based on the following measures:

- 100 points : Attendance
- 100 points : Homework
- 300 points : Tests
- 200 points : Final exam

The following scale will be used to determine final letter grades.

- A : Score $\geq 90\%$
- B : $80\% \leq \text{Score} < 90\%$
- C : $70\% \leq \text{Score} < 80\%$
- D : $60\% \leq \text{Score} < 70\%$
- F : Score $< 60\%$

Please note that these are firm cut-offs for determining final grades. No rounding will occur in borderline situations – for example, a 90 is the lowest A; a percentage of 89.999 is a B.