MTH 169-01 - Analytic Geometry & Calculus II
Winter Semester 2008

Time and Place:  MWF 10:00-10:50am, SC 224; T TH 9:00-9:50am, SC 216
Instructor:  Dr. Ruihua Liu
Office:  SC 105C  Phone:  229-1021  Email:  Ruihua.Liu@notes.udayton.edu
Web Page:  http://academic.udayton.edu/ruihualiu/
Office Hours:  MWF 11:00-11:50am, MW 3:00-3:50pm, T 10:00-11:50am, appointments, walk-ins
TA: He/she will teach the class on Thursday (problem discussion, quiz, test) and grade HW/quiz.

Prerequisite:  MTH 168.


Material Covered:  Chapter 6 — Sec. 6.1 - 6.3; Chapter 9 — Sec. 9.1 - 9.2; Chapter 8 — Sec. 8.1 - 8.4, Sec. 8.7; Chapter 7 — Sec. 7.8; Chapter 8 — Sec. 8.8; Chapter 12 — Sec. 12.1 - 12.6, Sec. 12.8 - 12.10; Chapter 11 — Sec. 11.1 - 11.5

Tests:  There will be 4 tests (tentatively scheduled dates:  Jan. 24 (Th), Feb. 21(Th), March 13(Th) and April 17 (Th)). All tests are in-class, and closed-book. Note: There are NO makeups for the tests. If you miss one of the tests due to a documented illness or emergency of serious nature, then the average of your grades on the other tests and the final will be used to replace the missing test grade.

Final Exam:  The in-class, closed-book final exam will be comprehensive. It is scheduled for Thursday, May 1, from 2:30am to 4:20pm in SC 224.

Homework & Quizzes:  Homework will be assigned in class and collected once a week (at the beginning of Thursday class). Selected problems will be graded. I will post the homework on my home page. If you must miss a class, please look on my home page for the assignment. I will answer questions on homework at the beginning of class.

There will be an in-class quiz on Thursday each week except for the test weeks. The quiz will consist of several problems taken from (or similar to) your homework problems. There will be NO make-up quiz. However, I will drop the lowest two quizzes.

Note. The first week is different. Instead of Thursday, we will collect homework and have the first quiz on Friday.

Maple Assignments:  Three Maple projects will be assigned in the semester. You will be required to submit a report for each assignment. Maple is available in the computer Lab (SC 311).

Breakdown of Grades:  40% — Four tests, 10% for each; 20% — Final; 20% — Quizzes (the lowest two grades will be dropped); 10% — Homework; 10% — Maple assignments.

Grading Scale:  Your course grade will be determined by the scale below (numbers are in percentage):

92 ≤ A ≤ 100, 89 ≤ A− < 92, 86 ≤ B+ < 89, 82 ≤ B < 86, 79 ≤ B− < 82, 76 ≤ C+ < 79, 72 ≤ C < 76, 69 ≤ C− < 72, 60 ≤ D < 69, F < 60.

Calculator Policy:  Students are allowed to use scientific calculators with numerical packages in the tests and in the final exam. Calculators with symbolic packages are not allowed in the tests and in the Final. Even though you use a calculator in tests, you still need to show your work.

Attendance:  Attendance of class is required and may be taken from time to time.

Important Dates:  The last day to withdraw without record is Monday, January 28. The last day to withdraw with a record of W — no registration is Wednesday, March 26.

Subject to change