

MTH 142 Calculus II Spring Semester 2003

Instructor: Debbie Pharo

Office: LB 33C

Office Hours: Mon: 10:00-11:00, Tue: 10:15-11:00, Wed: 9:00-11:00 and 2:30-3:00,
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Text: *CALCULUS* by Stewart, 4th Ed.

Materials to be covered: Chapters 7-12.

Assessment:

Homework: Daily assignments from the book will be given. These assignments will not be collected. A weekly homework assignment, called a **ten-pointer**, will be handed out each Monday and will be due the following Monday. Late ten-pointers will not be accepted. You may drop your two lowest ten-pointer scores. Ten-pointers are to be handed in on the handout provided. If additional paper is needed, **please use** unlined paper.

Group Projects: There will be two group projects given during the semester. These projects are to be done in groups of three or four students. Each completed project is to be accompanied by a paper clearly showing the mathematics and explaining all assumptions and equations used. Finished project papers are to be typed with all graphics and mathematics done by computer, if possible.

Tests: There will be seven hourly tests given every other Friday during the semester. Each test will be closed notes, closed book and will consist of problems which require knowledge of the techniques covered in the text and in class. Tests may be done with a partner. If you must miss a test please let me know ahead of time so a retest can be scheduled. If you do not contact me about missing a test before the test time, you forfeit your opportunity to make up the test. Your lowest test grade will be dropped.

Final: The final exam will be comprehensive. It will be a two one-hour tests worth 25% of your grade. The two-day final is scheduled for Wednesday and Thursday May 14-15 during our regular class time.

Everybody takes the final, plan to take it at the scheduled time. The final is done individually.

Grading: Your final grade is made up of four parts:

Homework 15%
Group Projects 15%
Exams 45%
Final 25%

Grading Scale:

Grade	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.0
Percent	94-100	87-93	81-86	75-80	69-74	65-69	60-64	0-59

Attendance: Attendance will not be taken daily. It is the student's responsibility to learn about missed material.

Presentation of material: Each period will begin with questions over material previously covered and assigned. Once all questions are answered, the new material will be introduced and several examples will be given. If you have questions, please ask them as they occur to you. There are no "dumb questions"! If you don't understand, most likely there are others who don't understand. So, please ask questions during the class period. If you cut class, you are responsible for understanding the material covered during the class you missed. I will not repeat the lecture during office hours. You are also responsible for turning in homework papers on time even if you aren't there. Your best bet is **DON'T MISS CLASS!**

Remarks:

- Plan to spend at least 2 hours on each homework assignment.
- It is valuable to read the material before attending class. This will facilitate a more thorough understanding of the material as it is presented.
- The two most important things you can do to insure your success in this course are: (1) Come to class prepared regularly, and (2) Do your homework regularly.
- Feel free to come by my office during office hours for any problems you are having. If my office hours conflict with your schedule please contact me so we can set up a time that works for you.
- My goal is to see you all successfully through this course.

General Education Outcomes

MTH 142 meets levels 1 and 3 of the critical thinking general education outcomes which means that students will

- identify issues or problems and articulate a process for resolving them.
- demonstrate the ability to resolve problems or issues in one or more disciplines.

Course Transferability: The transfer of NMC courses is determined by the transfer institutions in cooperation with NMC. To check the transferability of this course, visit the web site <http://www.nmc.edu/%7Enmcexp/transfer.shtml>