

Math 141, Calculus  
 Summer 1996, section 530125  
 (10:10 - 12:00 noon Mon., Tu., & Th., room A&S 208)

|             |                        |               |                            |
|-------------|------------------------|---------------|----------------------------|
| Instructor: | Laura Shears           | Office Hours: | M,T, Th 12:30 - 1:30 PM    |
| Office:     | A&S 175                |               | W 10:10 - 11:10 AM         |
| Phone:      | office: 483-1088       |               | Fridays and other times by |
| e-mail:     | starklau@pilot.msu.edu |               | appointment.               |

**Supplies**

calc: A graphing calculator is required for this course. The TI-82 is recommended.  
 text: Hegarty, John C., Applied Calculus Brief, Wiley

**Prerequisites:** The prerequisite for this course is a grade of 2.0 or higher in LCC's Math 121 taken within the past year or by passing the placement exam.

**Placement Exam Information:** The placement exam is offered in the Math Lab ( phone 483-1073) which is located in the Arts & Sciences building in room 309.

**Drops:** If you find you cannot keep up in the course, keep these dates in mind for dropping:

- |            |  |
|------------|--|
| W. June 12 | last day to drop and get a 100% refund                 |
| W. June 19 | last day to drop and get a 50% refund                  |
| W. July 3  | last day to drop with no course showing on your record |
| W. July 10 | last day to withdraw with a grade of "W"               |

It is **your responsibility to drop** if you choose to.

**Administrative drops:** Lack of proper prerequisites or a missed test in the first two weeks may result in an administrative drop from the course.

**Grades:** There will be 5 tests, 3 quizzes, and 12 to 15 collected homework assignments. The top 4 tests, 2 quizzes, and 10 homeworks will count in your grade. There will also be a final exam which will not be dropped. If it helps your grade the final exam will be weighted 70 % instead of 30% of your grade.

**Grading:**

|                           |                      |           |     |         |     |
|---------------------------|----------------------|-----------|-----|---------|-----|
| 5 tests, top 4 count...   | $4 \times 100 = 400$ | 94 %-100% | 4.0 | 71%-76% | 2.0 |
| 3 quizzes, top 2 count... | $2 \times 25 = 50$   | 88%-93%   | 3.5 | 65%-70% | 1.5 |
| top 10 homeworks...       | $10 \times 25 = 250$ | 82%-87%   | 3.0 | 60%-64% | 1.0 |
| final exam ...            | <u>300</u>           | 77%-81%   | 2.5 | 0%-59%  | 0.0 |
|                           | 1000                 |           |     |         |     |

**Homework:** Homework assigned to be collected will be due by the beginning of the very next class meeting unless otherwise stated. I plan to go over homework at the beginning of class. I may assign more problems than I actually grade. You are welcome to get help from me or anyone else while doing your homework, but make sure you understand anything that you turn in. Style counts! Make sure that I can read your homework and that the problems are well marked so that they are easy to find. While grading homework, I am looking for a method that makes sense more than an answer.

**Policies:** Sometimes your personal life may interfere with your ability to make it to an exam or quiz. In that case that test or quiz will count as your dropped one. **There will be no makeup tests or quizzes and homework must be turned in at 10:10 A.M. on the day it is due.** You must notify me if you are going to miss a test in the first two weeks. *If you miss more than one test or quiz, or 3 homeworks before July 10, you should drop the course. If you miss more than one test or quiz after the July 10, and you are passing the course, and you have a good reason for all the missed tests and quizzes you may ask for an incomplete, but beware that it must be approved by me and my supervisor.*

If you miss class, it is your responsibility to find out what you missed and to study that material in the book. If you don't miss often you should be able to figure out approximately what we went over from the tentative schedule. Check the envelope outside my office for any handouts that you may have missed, and for a list of problems to be turned in at the next class.

**Advice:** When doing your homework, get whatever help is needed from me, your book, etc., but if you need help from any source to solve a problem, mark that problem as one to come back to after some time has passed to make sure you can get it on your own. Plan on studying 12 to 18 hours per week.

**Tentative Schedule:**

| Monday                                     | Tuesday  | Wednesday  | Thursday                                   |
|--|--|--|--|
|  |  |  | June 6<br>-sec 2.1<br>-sec 2.2             |
| June 10<br>-sec 2.3<br>-sec 2.4            | June 11<br><b>-quiz 1</b><br>-unfinished business<br>-review | June 12<br><u>last day for 100% refund</u>       | June 13<br><b>-test 1</b><br>-sec 3.1      |
| June 17<br>-sec 3.2<br>-sec 3.3            | June 18<br>-sec 3.4<br><b>-quiz 2</b>                        | June 19<br><u>last day for 50% refund</u>        | June 20<br>-unfinished business<br>-review |
| June 24<br><b>-test 2</b><br>-sec 3.5      | June 25<br>-sec 3.6<br>-sec 4.1                              | June 26  | June 27<br>-sec 4.2<br>-sec 4.3            |
| July 1<br>-unfinished business<br>-review  | July 2<br><b>-test 3</b>                                     | July 3<br><u>last day to drop with no record</u> |  |
| July 8<br>-sec 5.1<br>-sec 5.2             | July 9<br>-sec 5.3<br>-sec 5.4                               | July 10<br><u>last day to drop with a W</u>      | July 11<br>-sec 5.5<br><b>-quiz 3</b>      |
| July 15<br>-unfinished business<br>-review | July 16<br><b>-test 4</b>                                    | July 17  | July 18<br>-sec 6.1                        |
| July 22<br>-sec 6.2<br>-sec 6.3            | July 23<br>-sec 6.4<br>-sec 6.5                              | July 24  | July 25<br>-unfinished business<br>-review |
| July 29<br><b>-test 5</b>                  | July 30<br>-unfinished business<br>-review                   | July 31  | Aug. 1<br><b>final exam</b>                |