

**MATH 122: BASIC TECHNIQUES OF CALCULUS II**  
**CRN 42645**  
**6:50-10:00 PM W, M103**

Instructor: Carolyn R. Thomas, Ph.D.

Required Material: Applied Calculus, Tan, 6th edition

Recommended Material: TI-83 or TI-84 calculator

Class Format: Most of chapters 7-12 of the book will be covered during the semester. There will be tests and worksheets as indicated on the schedule below and a quiz each class meeting except for test days. Up to the first thirty minutes of each class will be spent reviewing assigned homework problems. Following that will be a test or quiz, then new material will be covered.

Requirements: You are allowed one absence. Leaving class early will be counted as half an absence. You will be dropped from the class if you have two or more absences; however, if you stop attending, it is your responsibility to drop the class. All students remaining on the roster after April 23 must receive a letter grade. Telephones and pagers must be inaudible during class; if yours rings, points will be deducted from your quiz score. Two points will be deducted for the first ring, 4 for the second, 8 for the third, and so on, in a geometric sequence.

Academic Honesty: Cheating will not be tolerated. Anyone who plagiarizes someone else's work or uses resources that are not allowed on an assignment will receive a score of zero on that assignment. Furthermore, every possible effort will be made to place that cheating incident in the student's permanent record.

Evaluation: Your final grade will be based on homework, quizzes, worksheets, tests and a final exam. There will be no books, notes or calculators allowed on any tests or quizzes. There will be no late worksheets, tests or quizzes given under any circumstances. After dropping your two lowest quiz grades and one lowest test grade, scores will be counted as follows:

|               |     |
|---------------|-----|
| Test average: | 40% |
| Quiz average: | 20% |
| Worksheets:   | 5%  |
| Homework:     | 5%  |
| Final exam:   | 30% |

Letter grades will be assigned using the following scale:

|   |         |
|---|---------|
| A | 90-100% |
| B | 80-89%  |
| C | 70-79%  |
| D | 60-69%  |
| F | 0-59%   |

Office Hours: My office telephone number is (619) 388-3363, and my e-mail address is DrT@5cats.org. The syllabus and worksheets are available at math.5cats.org. I will be available in room M211 as follows:

|           |                              |
|-----------|------------------------------|
| Monday    | 10:10-11:10 AM               |
| Tuesday   | 9-10 AM                      |
| Wednesday | 10:40-11:10 AM, 6:00-6:45 PM |
| Thursday  | 9-10 AM                      |
| Friday    | 12:15-1:00 PM                |

Tentative Schedule:

| Date | Sections Covered                         |
|------|--|
| 2/7  | review integrals, 7.1-7.2, worksheet 1   |
| 2/14 | 7.3-7.4, 8.1, worksheet 2                |
| 2/21 | review derivatives, 8.2-8.3, worksheet 3 |
| 2/28 | 8.4-8.5, worksheet 4                     |
| 3/7  | 8.7-8.8, worksheet 5                     |
| 3/14 | <b>test on chapters 7 &amp; 8, 9.1</b>   |
| 3/21 | 9.2-9.3, worksheet 6                     |
| 3/28 | 9.4, 10.1, worksheet 7                   |
| 4/4  | Spring break                             |
| 4/11 | 10.2-10.3, worksheet 8                   |
| 4/18 | <b>test on chapters 9 &amp; 10, 11.1</b> |
| 4/25 | 11.2-11.4, worksheet 9                   |
| 5/2  | 11.5-11.6, worksheet 10                  |
| 5/9  | <b>test on chapter 11, 12.1</b>          |
| 5/16 | 12.2-12.4, worksheet 11                  |
| 5/23 | review                                   |
| 5/30 | <b>final exam</b>                        |

Homework problems consist of multiples of 3 (3, 6, 9, 12, 15, ...) in each section. Homework will be accepted until 6:50 PM Wednesday, May 23.