

Calculus II (Math 166), Spring 2012

Time: MTRF 10:00–10:50 a.m.

Room: Witmer 307

Text: *Single Variable Calculus, 2nd Ed* by John Rogawski

Instructor: Richard P. Millspaugh

Phone: 777-4607

E-mail: richard.millspaugh@email.und.edu

Web: <http://www.und.edu/instruct/rmillspa/>

Office: Witmer 326

Hours: MF 8:30-9:30 am

TR 1:30-2:30 pm

W 10:00-11:00 am

or by appointment

Final Exam: Wednesday, May 9 at 3:15 pm

Prerequisites. Good algebra and trig skills are essential if you expect to be successful in this course. In addition, you are expected to have sufficiently mastered the material in Calculus I to be able to use it when needed. We will not have time in this class to devote to prerequisite material.

Course Content and Goals. This semester we will cover most of the material in chapters seven through twelve of the textbook. By the end of the semester you should be comfortable with integration of functions of one variable and several applications of integration. You will also be introduced to infinite sequences, power series, Taylor series, parametrization of curves in the plane, and polar coordinates.

UND Essential Studies. This course is part of the Essential Studies Program at UND and may be used to satisfy a portion of your Math, Science, and Technology requirement. The ability to think and reason effectively is essential in most endeavors, a critical thinker considers all available evidence with an open mind and uses appropriate techniques to analyze that evidence and reach a conclusion. In this class you will be given the opportunity to learn some of those techniques, to recognize situations that call for their use, and to use them effectively in a variety of settings.

Class Participation. A typical day of class will involve both lecture and discussion. Your participation is required to make discussions successful. I haven't done my job if all I do is read the book to you; you haven't done your job if all you do is fill a chair every day.

Office Hours. I encourage you to make use of my office hours to discuss mathematics, your schedule, the weather, or whatever else you feel the need to discuss. You may also try to find me at other times, but please understand that I might occasionally be involved in something that cannot be interrupted. In general, if my door is open then I'm probably available and if my door is closed then I'm probably not. If my door is open and I'm not in the office, you may have the department secretary (in room 313) track me down.

When you ask questions about problems you are working on, please be aware that I will usually want to see what you've been trying to do before I'll answer your questions. This helps me try and address the particular part of a problem that you are having trouble with.

Calcportal activation. This section of Calculus II requires you to have access to Calcportal. If you used Calcportal in Calculus I last semester your access code should still be active, though you will have to switch to this course. To do so, follow the instructions for switching courses at the login screen. If you are new to Calcportal you should purchase an access code either from the bookstore or directly from the Calcportal website. Make sure you purchase an access code for the second edition of the book, not the first. Instructions for activating your code can be found by following the link at my website.

Homework. There will be regular online homework assignments in this course. These assignments must be completed through Calcportal. Homework assignments are made, completed, and graded online. Your total homework score will be converted to a percentage and contribute 100 points towards your grade at the end of the semester.

Quizzes. There will be in-class group quizzes each Tuesday. Quizzes are meant to give you a chance to discuss and think about important ideas with your colleagues. Quizzes are worth 10 points each. Your best 10 quiz scores (there will be a total of 14-15 quizzes) will count towards your grade.

Quizzes may not be made up for any reason. If you miss more quizzes than you are allowed to drop, then you're missing too much class to do well in here anyway.

Tests. There will be four one-hour tests in this class, each worth 100 points. Tentative test dates are:

Chapter 7 - Friday February 3
Chapters 8 & 9 - Friday March 2
Chapter 11 - Friday March 30
Chapter 12 - Friday April 27

If you absolutely must miss a test for some valid reason (oversleeping is not a valid reason to miss a test) it is your responsibility to contact me to schedule a makeup. I will normally expect to hear from you before the scheduled time for the test. Except under the most extraordinary of circumstances, I will expect you to take the test within one week of the original test date. If you take a test under this policy, you should normally expect it to be slightly more difficult than the test given in class.

Final Exam. There will be a comprehensive final exam on Wednesday, May 9 at 3:15 pm. The final exam in this course is worth 150 points.

The UND Policy on Final Examinations (see the Fall 2011 Class Schedule) will be strictly adhered to. Please note in particular that you forfeit your right to reschedule a final exam because you have three or more scheduled on the same day if you have not made arrangements by November 10.

Grades. Grades will be determined according to the following scale:

675-750 = A
600-674 = B
525-599 = C
450-524 = D
0-449 = F

Please be aware that at the end of the semester I will assign grades based only on your performance on the items indicated above.

Accommodations. If you have emergency medical information to share with me, need special arrangements in case the building must be evacuated, or need disability accommodations in this course, please make an appointment to discuss that with me. If you plan to request disability accommodations, you are expected to register with Disability Services for Students, 190 McCannel Hall, 701-777-3425 voice/tty, dss@und.edu.

Academic Misconduct. Academic misconduct of any kind will not be tolerated. I consider a zero on the test or assignment in question to be the minimal consequence for any act of academic misconduct.

Cell phones. I do not want to see or hear cell phones during class.