

**Mathematics MAT 202 : Calculus II**  
**Fall 2004**  
**MWF 11:30 am - 12:20 am, Room 204**

**Instructor:** Dr. Brad Emmons  
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**Telephone:** 792-3413 (Don't leave voicemail)  
**Office Hours:** Monday and Fridays, 12:20 - 1:30 pm  
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**Course Materials**

Calculus II, 3rd Edition, Strauss, Bradley, Smith (required)

**Introduction**

MAT 202 is a course designed for students who have successfully completed a first semester course in calculus covering limits and differentiation. The main topic of this course is integration. For starters, you can think of integration as the opposite of differentiation. One of the annoying features of integration is that we do not have a nice product rule as we do for differentiation. For that reason, we will need to spend some more time investigating techniques of integration. We will also work on applications of the integral as well.

**Exams**

There will be a total of two in-class exams given during the semester, as well as a final cumulative exam. The exams will test your ability to work through some of the computations, as well as your ability to apply the techniques to certain applications. The in-class exams are scheduled for Friday, October 1 and Friday, November 5, and each will count for 25 percent of your final grade. The final exam will be held on Friday, December 17, at 8:00 a.m., and will count for 30 percent of your final grade. There will be no make-ups for missed exams. Please look over your schedule as soon as possible. If you see a potential conflict, inform me immediately.

**Homework**

The best way to learn Mathematics is to solve problems. Homework will be assigned at the end of each class period and collected at the beginning of the next class period. On each assignment I will select 3 or 4 problems to grade, each for 5 points. In addition, there will be 5 completion points for the entire assignment. To get 5 out of 5 of the completion points, the assignment must be written up NEATLY and thoroughly with complete solutions to all of the assigned problems. Late homework will not be graded, but you may still earn completion points on late assignments. The homework is designed to help you identify where you might have difficulties. If you encounter any trouble with an assignment or a concept, seek help!

**Attendance**

Attendance in MAT 202 is extremely important. Although there is no official attendance policy, note that if you are not in class on a particular day, I will not grade your homework assignment. I will also require that you be in class at 11:30 am and no later.

**Grading**

Your grade in this course will be based on two main factors: quizzes and exams. The exams will be worth 80% of your final grade and the homework 20%. In addition to these factors, minor ethereal factors such as attendance, class participation, attitude, and improvement over the course of the semester can also affect your grade. To determine your final grade, 90–100% = A, 80–89% = B, 70–79% = C, 60–69% = D, 59 and below = F, with the top two percents receiving a + and the bottom two percents receiving a –.

**Calculators**

The use of calculators will not be allowed on any quizzes or exams. None of the work will require any sophisticated computations. You may use a calculator when working on your homework to check your work. However, since will not be allowed to use it on the exam, I suggest you do as much work without your calculator as possible.

**Important Dates**

Monday, September 6 – Last Day to Drop/Add  
Friday, October 1 – Exam I  
Monday, October 11 – Fall Break (no class)  
Tuesday, November 2 – General Election (VOTE!!!)  
Friday, November 5 – Exam II  
Friday, November 5 – Deadline for WD or P/F  
Friday, December 10 – Last Day of Classes  
Saturday, December 11 and Sunday, December 12 – Study Days  
Friday, December 17, 8:00 a.m. - 10:30 a.m. – Final Exam

**Suggestions**

Come to class with your homework assignment completed every day  
Study for at least 30 minutes each day in addition to completing your homework assignment  
Read the section we will be covering *before* we cover it in class  
Do not fall behind!  
Come to office hours to discuss homework and concepts. I am here to help!