Math 122-03: Calculus II
Mon-Tue-Thu-Fri 11:00 – 11:50 am
Classroom: Wissink Hall 284A
My Office: Wissink Hall 263

Professor: Dan Singer
Webpage: http://mavdisk.mnsu.edu/singed/
Email: dan.singer@mnsu.edu
My Office Hours: 11-12 and 3-5 MTHF

Course Description: A continuation of Calculus I. Techniques of integration, applications of integration, sequences and series, parametric equations and polar coordinates, introduction to vectors and the geometry of space.

Prerequisite: Math 121 with C or better.

Textbook: *Essential Calculus* by James Stewart, 2007, Thomson Brooks/Cole.

Course Format: My goal is to help you think through the material and participate actively in the class. I will give lectures and provide examples as needed, but I am relying on students to read the textbook carefully and work with me to understand and apply the ideas. Questions from students about homework problems are encouraged at the beginning of class. I encourage you to see me in office hours if necessary.

Exam Policy: You may bring in a single sheet of notes to refer to during each exam. You may use a calculator as directed.

Homework Policy: Homework must be written up carefully and stapled. Please indicate at the top of your homework one or two problems you would like me to comment on, if necessary. All homework completed in good faith and turned in will receive full credit.

Attendance Policy: Please attend regularly. I would appreciate it if you would send me an email in advance of any unavoidable absences or emergencies.

Student Conduct: Please do the following: Arrive to class on time. Turn off your cell phone if you have one. Let me know in advance if you need to leave the classroom early for some reason.

Grade Calculation: Class participation: 50 points. Homework: 100 points. 4 Exams: 100 points each. Final Exam: 100 points. Final Grade determined by the scale below:

A: 585 – 650 points B: 520 – 584 points C: 455 – 519 points
D: 390 – 454 points F: 0 – 389 points

Grade Policy: Your grade is based on your performance during the fifteen weeks of the regular semester in accordance with the grade calculation above. I will not change any grades after they have been submitted to the Registrar, and I will not consent to extra-credit opportunities designed for the express purpose of raising the grade of one individual. All discussions with me regarding your grade should be limited to how you can study adequately for exams and what scores I have currently recorded for you in my records. Consult the handout "Five Tips for Effective Studying in Mathematics Courses" at the beginning of the semester for advice on studying.

Class Schedule:

Date	Agenda	Date	Agenda
Mon Jan 10	section 6.1	Mon Mar 14	section 8.4
Tue Jan 11	section 6.1	Tue Mar 15	section 8.5
Thu Jan 13	section 6.2	Thu Mar 17	section 8.5
Fri Jan 14	section 6.2	Fri Mar 18	section 8.6
Mon Jan 17	no classes	Mon Mar 21	section 8.6
Tue Jan 18	section 6.3	Tue Mar 22	Exam 3
Thu Jan 20	section 6.3	Thu Mar 24	section 8.7
Fri Jan 21	section 6.4	Fri Mar 25	section 8.7
Mon Jan 24	section 6.5	Mon Mar 28	section 8.8
Tue Jan 25	section 6.5	Tue Mar 29	section 8.8
Thu Jan 27	section 6.6	Thu Mar 31	section 8.8
Fri Jan 28	section 6.6	Fri Apr 1	section 9.1
Mon Jan 31	section 7.1	Mon Apr 4	section 9.1
Tue Feb 1	Exam 1	Tue Apr 5	section 9.2
Thu Feb 3	section 7.2	Thu Apr 7	section 9.2
Fri Feb 4	section 7.2	Fri Apr 8	review session
Mon Feb 7	section 7.3	Mon Apr 11	Exam 4
Tue Feb 8	section 7.3	Tue Apr 12	section 9.3
Thu Feb 10	section 7.4	Thu Apr 14	section 9.3
Fri Feb 11	section 7.4	Fri Apr 15	section 9.4
Mon Feb 14	section 7.5	Mon Apr 18	section 9.4
Tue Feb 15	section 7.5	Tue Apr 19	section 9.5
Thu Feb 17	section 7.6	Thu Apr 21	section 9.5
Fri Feb 18	section 7.6	Fri Apr 22	section 10.1
Mon Feb 21	section 8.1	Mon Apr 25	section 10.2
Tue Feb 22	Exam 2	Tue Apr 26	section 10.3
Thu Feb 24	section 8.1	Thu Apr 28	section 10.4
Fri Feb 25	section 8.2	Fri Apr 29	section 10.5
Mon Feb 28	section 8.2	Thu May 5	Final Exam
Tue Mar 1	section 8.3		10:15-12:15
Thu Mar 3	section 8.3		Chapters 9,10
Fri Mar 4	section 8.4		