

Math 192G: Calculus II

Section M05, Spring 2016.

Meetings: Tuesdays and Thursdays 11:45 - 13:00 pm, SH106. Fridays 12:30 - 13:20 pm, SH 114.

Instructor: Dr. Contreras
Science Hall 225
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Office Hours: Tuesdays and Thursdays 13:00 - 14:30 pm, SH 225.

Teaching Assistant: Nima Hadian Dehkordi, (email: nima@nmsu.edu).

Prerequisite: C or better in MATH 191G.

Textbook: Calculus, Early Transcendentals, 3rd Edition by J. Rogawski and C. Adams, Freeman.

Description: Riemann sums, the definite integral, antiderivatives, fundamental theorems, techniques of integration, applications of integrals, improper integrals, Taylor polynomials, sequences and series, power series and Taylor series.

Readiness Exam: There will be a readiness exam at the beginning of this semester. It tests the prerequisite knowledge and skills for Math 192G. It counts as 3% of your final grade. You will take the exam in the Math Testing Center (Walden Hall 101) at your convenience during the hours 9am to 7pm, Tuesday 01/26 through Thursday 01/28. Please note that the exam is NOT available before Tuesday 01/26. Scantrons will be available at the Math Testing Center 15 cents each or 2 for 25 cents.

Homework: Your homework grade will be determined by online homework administered through a website called WebAssign. Initially you need to go to <http://www.webassign.net> and click the "I have a class key" link. The class key for this section is **nmsu 5753 3681**

Upon entering this key, follow the instructions that come up. At some point you will be asked for an access code. Depending on where you bought your textbook, it might come bundled with a WebAssign access code. Otherwise, as indicated on the screens that came up when you entered the class key, you can buy the access code online. After you have done all this once, in order to access the homework assignments, you need only log in at <http://www.webassign.net> The online homework assignments and their due dates will be listed on your WebAssign home page.

Quizzes: There will be roughly 7 to 9 quizzes. The problems will be similar to class examples and homework. I will drop your two lowest quiz scores. You will not be allowed to use calculators on the quizzes unless otherwise stated.

Exams: There will be a total of three exams, including the final. The exam dates are **March 3 and April 21, 7-8:30 pm**. The common finals are on Tuesday **May 10, 3:30-5:30**. The location for each exam will be announced later. Note that all sections of this course meet at these scheduled exam times. The use of calculators on the exams is prohibited. Cell phones are not allowed on exams, and if visible, will be confiscated along with the exam.

You are expected to take the Thursday evening exams at the times listed above unless you have a legitimate reason to miss it. The only allowed excuses for a makeup are documented illnesses or university sponsored events. A scheduled makeup of each exam will be held 4:00-5:30 on the

Friday following each regularly scheduled Thursday evening exam. In general, students who miss the Thursday exams for excusable reasons will be expected to attend the Friday makeup time.

You must inform me as soon as you know you will have difficulty attending a scheduled exam. Except in the case of a genuine emergency, this should occur BEFORE the exam is given. Permission to take the makeup exam is NOT automatic, and students who need to do so must make arrangements ahead of time. Once an exam is graded and returned, it cannot be made up under any circumstances.

Grades:

Readiness Exam: 3%

Homework: 12%

Quizzes: 20%

Exam 1: 20%

Exam 2: 20%

Final Exam: 25%

Letter grade cutoffs: A: 91-100 B: 81-90 C: 71-80 D: 61-70 F: less than 61.

NOTE: The right answer with the wrong reasoning will receive NO credit. The wrong answer with the right reasoning may receive some partial credit. This does not apply to the multiple choice questions.

Course Content: We will cover portions of chapters 5 to 8 and 10 of the textbook. Below is a rough calendar of the course. Exam dates are not included here. FOR EXAM DATES SEE PREVIOUS PAGE.

Week	Sections
1	5.1
2	5.1, 5.2, 5.3
3	5.4, 5.5, 5.6
4	5.7, 5.8
5	5.8, 6.1, 6.2
6	6.3, 6.4, 6.5
7	6.5, 7.1
8	7.1, 7.2, 7.3
9	7.3, 7.7, 7.9
10	7.9, 8.2
11	8.4, 10.1
12	10.1, 10.2
13	10.3, 10.4
14	10.4, 10.5.
15	10.6, 10.7, 8.1.

(Spring Break: March 14-18, Spring Holiday: March 25).

FOR IMPORTANT DATES AND DEADLINES SEE:

<http://registration.nmsu.edu/spring/important-dates-and-deadlines-spring/>

Withdrawals and Incompletes: You have the primary responsibility for withdrawing from the course. Under University policy, an I grade is allowed only if a student has passed the first half

of the course, and is precluded from completion of the second half of the course by a documented illness or family crisis.

Important Notes:

- You are expected to attend every class and show up on time.
- Announcements and grading will be communicated to you through Canvas. Access your Canvas account regularly.
- At the end of the final examination, the course is over, and there are no more opportunities to submit additional work.
- I will not compose extra credit assignments for students who want to try to compensate for poor results in another component of the course.

Disabilities and Discrimination: Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act Amendments Act (ADAAA) covers issues relating to disability and accommodations. If a student has questions or needs an accommodation in the classroom (all medical information is treated confidentially), contact: Trudy Luken, Director.

Student Accessibility Services (SAS) - Corbett Center, Rm. 208

Phone: (575) 646-6840 E-mail: sas@nmsu.edu

Website: <http://sas.nmsu.edu/>

NMSU policy prohibits discrimination on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex, sexual orientation, spousal affiliation and protected veterans status. Furthermore, Title IX prohibits sex discrimination to include sexual misconduct: sexual violence (sexual assault, rape), sexual harassment and retaliation. For more information on discrimination issues, Title IX, Campus SaVE Act, NMSU Policy Chapter 3.25, NMSU's complaint process, or to file a complaint contact: Gerard Nevarez, Title IX Coordinator; Agustin Diaz, Title IX Deputy Coordinator.

Office of Institutional Equity (OIE) - O'Loughlin House, 1130 University Avenue

Phone: (575) 646-3635 E-mail: equity@nmsu.edu

Website: <http://www.nmsu.edu/eoo/>

Academic Misconduct: The rules listed in the section Academic Misconduct at the following web address <http://deanofstudents.nmsu.edu/student-handbook/> are official policy of NMSU (see also <http://nmsu.smartcatalogiq.com/en/2015-2016/Undergraduate-Catalog/General-Information/Regulations/OUTCOMES-ASSESSMENT-Evaluating-Your-Academic-Experience/Academic-Misconduct>). In particular, both intentional and unintentional plagiarism is prohibited (Plagiarism is using another person's work without acknowledgment, making it appear to be one's own. The NMSU Library has more information and help on how to avoid plagiarism at:

<http://lib.nmsu.edu/plagiarism/students.shtml>)

Should any student infringe on any of these resolutions, the instructor reserves the right to initiate a statement of the student misconduct including a recommendation of expulsion from the class.

Other NMSU Resources:

NMSU Police Department: (575) 646-3311 www.nmsupolice.com ; NMSU Police Victim Services: (575) 646-3424 ; NMSU Counseling Center: (575) 646-2731 ; NMSU Dean of Students: (575) 646-1722 ; For Any On-campus Emergencies: 911.