

# Math 182-1004-25058 Calculus II Spring 2019

MWF 10-10:50 AM, DMSC #103

## Course Information:

**Instructor:** Dr. Claudia Castro-Castro

**Office:** MM 306

**Email:** ccastrocastro@unr.edu

**Phone:** 775-682-6352

**Office Hours:** MW 4 - 5:30 PM, F 1-3 PM, or by appointment (email to arrange)

**TA:** Siying Lu, siyinglu@nevada.unr.edu

**TEXTBOOK:** James Stewart, *Calculus: Early Transcendentals*, 8th Edition as follows: 978-1-285-85826-5 ENHANCED WEB ASSIGN: MULTI-TERM ACCESS CARD FOR CALCULUS 978-1-305-61669-1 EARLY TRANSCENDENTALS W/ WEB ASSIGN MULTI-TERM ACCESS - PURCHASE 1 OR THE OTHER -NOT BOTH- You may already have the code when you purchased your Math 181 - 8th Edition textbook

**PREREQUISITE:** A grade of “C” or better in Math 181 ( Calculus I ) or equivalent as well as strong background in college algebra and trigonometry.

## STUDENT LEARNING OUTCOMES:

Upon completion of this course, students will be able to:

- Use integration by parts to evaluate an integral;
- Anti-differentiate trigonometric and rational functions;
- Approximate a definite integral numerically using the Trapezoidal Rule and Simpson’s Rule.

**TOPICS COVERED:** Substitution rule, Area between the curves, Volumes, Improper integrals, Sequences, Series, Integral test, Comparison, Alternating and Ratio tests, Power Series, Taylor and Maclaurin Series, Work, Arc Length, Differential and Separable Equations, Euler’s Method, Integration By Parts, Trigonometric Substitutions for Integrals, Integration of Rational functions by using partial fractions, Approximate Integration.

**TO PURCHASE TEXTBOOK:** You may purchase an online book instead of a hard copy. Both the online version and the printed copy give you access to the online homework and the online text. Do not throw the access code away. You will need it to register online and get access to the online text and the online homework. You can purchase a “Lifetime of Edition”access, if you need to take Math 283 and can be used in case you need to repeat Math 182. Call the customer service for Web Assign at **(800) 955 - 8275** if help is needed.

## TO REGISTER:

After you have purchased the online or printed version of the text you can

Register by going to: [www.webassign.net](http://www.webassign.net)

Use a valid email account (same email that you use for unr)

Your class key is: **unr 8788 3228**

**Remember: This is not an online course**

**CALCULATOR POLICY:** You will need a scientific calculator for exams. You can get one for under \$10. A common choice is the TI-30X II S. However, you might want to graph functions when doing your homework. I suggest the following free online graphing utility by Runiter Company. Use the 2D mode. You can access it at <http://calculator.runiter.com/graphing-calculator/>. No graphing calculators, PDA's, phones etc. are allowed on exams.

**RECITATION SESSIONS:** All recitation sessions are on Tuesday and Thursdays. You can only attend the recitation time that you registered for. In recitation you will meet with your TA, Check your schedule to see which recitation section you are enrolled in, your TA will be helping you with questions from your homework and previous lectures, there will be weekly quizzes given as well.

**HOMEWORK: (15 % of your grade):** Homework has already been assigned online, with due dates. All homework assignments must be completed online. Please note that the start date and due dates are posted in WebAssign. On most homework you have 3 tries for each question. If you are looking to get a good grade in this class, you must stay up with your homework by starting early in the week and not on the due days. I will be dropping 3 of your lowest homework sets.

If you do not plan to do all the homework, plan to receive a low grade. Mathematics is not a spectator sport and can almost never be learned well without consistent practice. There is usually a very strong correlation between homework scores and final grades. I will have no sympathy for your situation at semester's end if you have not consistently completed all homework.

**QUIZZES: (15 % of your grade):** There are weekly quizzes that you will be taking in your own recitation times. I may drop 3 of your lowest quizzes, **No make up quizzes are allowed.**

**Midterm Exams: (50% total):** There will be three midterm in class exams plus a comprehensive final exam on the last day in the lecture room. These will be given on the dates indicated on the class schedule. All exams will include multiple choice questions. You must bring a picture ID and a Scantron form 882-E for all of your exams.

[Any student requiring accommodations through the DRC must schedule their exams on the same day as the in class exams.](#)

**FINAL EXAM: (20% of your grade):** There will be a comprehensive final exam. The exam will include multiple choice questions and will require a Scantron form. It is scheduled for **Wednesday, May 10**. You must bring a Scantron form 882-E and a photo ID

**\*\*\*EXAM MAKE-UP POLICY:** Make-ups or early exams are not permitted in large classes. If you must miss an exam because of a valid documented emergency or an official university function that conflicts with an exam date or due to any other reasons, then [your final exam grade will be used to replace the missing exam \(only once\) - Also your final exam grade can be used to replace one of the lowest midterm exam only if your final exam grade happens to be higher than one of the three midterm exams.](#)

**HELP & QUESTIONS:** Students can see the instructor without appointment during office hours. Prepare yourself by going over the issues you wish to discuss. Outside of office hours, the best way to contact the instructor is via email. Emails received before 17:00 will usually get a response the same day. Emails received after 17:00 are not guaranteed a same-day response.

**GRADING:** Your course grade will be determined using the following formula:

15%	Homework
15%	Quizzes
50%	Exams
20%	Comprehensive Final Exam

**THE SCALE %**

Minimum % Required

A	90 %
B	80%
C	68%
D	58%
F	0-57%

I reserve the right to deviate from above % in special cases, including the assignment of +/- grades in borderline cases and giving higher letter grade. (C- will not be given).

**DISABILITY STATEMENT:** The Department of Mathematics and Statistics supports providing equal access for students with disabilities. Any student with a disability needing academic adjustments or accommodations is requested to speak with me or the Disability Resource Center (Thompson Building Suite 101) as soon as possible to arrange for appropriate accommodations.

**DROP DEADLINE:** The final drop date with no money back and receiving a "W" is **April 2**. Check other dates for other important dates at <http://catalog.unr.edu>

**UNIVERSITY RECORDING POLICY:** Surreptitious or covert video-taping of class or unauthorized audio recording of class is prohibited by law and by Board of Regents policy. This class may be videotaped or audio recorded only with the written permission of the instructor. In order to accommodate students with disabilities, some students may have been given permission to record class lectures and discussions. Therefore, students should understand that their comments during class may be recorded.

**ACADEMIC DISHONESTY:** "Cheating, plagiarism or otherwise obtaining grades under false pretenses constitute academic dishonesty according to the code of this university. Academic dishonesty will not be tolerated. Students found to have committed acts of dishonesty on exams will receive a failing grade on the exam. Please review the Student Conduct Information at <http://www.unr.edu/student-conduct/>.

**ACADEMIC SUCCESS SERVICES:** Your student fees cover usage of Math Center (784-4422). Tutoring Center (784-6801), and Writing Center (784-6030). These centers support your learning; it is your responsibility to take advantage of their services. Keep in mind that seeking help outside of class is the sign of a responsible and successful student. Math Center <https://www.unr.edu/math-center> is located in Pennington Student Achievement Center Room 300.

Math 182-1004: Tentative Class Schedule (Spring 2019)

<b>Wednesday</b>	<b>Jan. 23</b>	<b>Syllabus+Review</b>
Friday	25	5.5
Monday	28	5.5
Wednesday	30	6.1
Friday	<b>Feb. 1</b>	6.2
Monday	4	6.2+6.3
Wednesday	6	7.8
Friday	8	7.8+11.1
Monday	11	11.1
Wednesday	13	<b>Review for Exam #1</b>
<b>Friday</b>	<b>15</b>	<b>EXAM #1</b>
<b>Monday</b>	<b>18-Holiday</b>	<b>No class</b>
Wednesday	20	11.2
Friday	22	11.2
Monday	25	11.3
Wednesday	27	11.4
Friday	<b>Mar. 1</b>	11.5
Monday	4	11.6
Wednesday	6	11.6
Friday	8	11.8
Monday	11	11.8+11.9
Wednesday	13	11.9
Friday	14	11.10
<b>Spring Break</b>	<b>18-22 Holiday</b>	<b>No class</b>
Monday	25	11.10
Wednesday	27	<b>Review for Exam #2</b>
<b>Friday</b>	<b>29</b>	<b>Exam #2</b>
Monday	<b>Apr. 1</b>	6.4
Wednesday	3	6.4
Friday	5	8.1
Monday	8	8.3
Wednesday	10	8.3
Friday	12	9.1+9.2
Monday	15	9.3
Wednesday	17	<b>Review for Exam #3</b>
<b>Friday</b>	<b>19</b>	<b>Exam #3</b>
Monday	22	7.1
Wednesday	24	7.2
Friday	26	7.2+7.3
Monday	29	7.3+7.4
Wednesday	<b>May 1</b>	7.4
Friday	3	7.7
Monday	6	<b>Review for Final Exam</b>
Wednesday	8-Prep. Day	Dead Day
<b>Friday</b>	<b>May 10</b>	<b>Final Exam 9:50 – 11:50 AM</b>