



Math 165: Calculus I
Course Syllabus
Jennie Weber
Spring 2020

Instructor Information:



Contact Information:

Email: jennie.weber@lrsc.edu

This is the best way to contact me. I check my email daily during weekdays and at least once on the weekend (this is the bare minimum, I actually check my email a lot more). Sometimes email fails to transmit to the receiver without an error indication to you. I **always** answer emails. If you don't receive an acknowledgement of your email from me please resend your email.

Office: Online in BB Collaborate - just let me know and we can schedule a time to meet and work on problems!

Office Hours: By Appointment

Time Zones: I run this class on Central Time because that is where LRSC is located (I actually live on Alaskan Time, which **three hours earlier** than ND so please keep that in mind when calling me). I am happy to accommodate **your** time zone as long as you let me know in the first week.

Phone: 907-745-8314 (Best between 11 AM and 11 PM)

Never be afraid to call me – that's why this number is here. Use it if you need it!

Again, notice the odd times – that 8 to 8 for me!

Cell: 907-795-6655 (You may text me)

Fax: Available Upon Request

Education:

B.A. (History), University of North Dakota

B.S. (Mathematics), University of North Dakota

M.A. (History), University of North Dakota

M.L.I.S., Kent State University

Graduate Certificate in Statistics, University of Alaska

Course Information:

Course Name: Calculus I

Course Dept & Number: Math 165

Class Number: 17117

Dates: January 13, 2020 to May 15, 2020

Credit Hours: 4

Prerequisites: Math 103 and 105 or Math 107

Course Materials:

This course uses MyMathLab (MML) and this comes with the ebook embedded. The MML course ID is weber11196. Therefore, you are not required to buy an actual textbook. If you'd like a copy of the book for any reason, it is available through [LRSC's bookstore](#) or through many online stores.

You are also required to have Microsoft Word (or another program that is approved by the instructor). This is the program that LRSC chooses to use for its computers. It is also recommended you have access to Adobe Acrobat (which is available for free download at www.adobe.com).

You should also have a graphing calculator for this course. Your homework and tests will expect you have access to this, so not having it will negatively affect your grade.

I will provide additional materials each week that you will access online through the course website.

Textbooks:

1. Thomas, George B., *Thomas' Calculus*, 14th. Addison –Wesley. 2017. ISBN: 978-0-134-43898-6. [Recommended only – ebook embedded in course.]

Course Due Dates:

The dates of all major events and assignments follow below. All assignments are due by 11:59 PM on the day listed. I run this class on Central Time, which is where LSRC is. If you aren't in CST (and I'm not myself) and turning in assignments on CST will be a problem, just let me know at the beginning. A "week" runs from Monday to Sunday.

January 13: First Day of Class

January 20: Martin Luther King – LRSC Closed

January 21: Assignment 1 Due

January 26: Assignment 2 and Graphing Assignment 1 Due

February 2: Assignment 3 Due

February 6: Lesson Presentations Due (Group 1)

February 9: Assignment 4, Practice Test 1 and Test 1 Due

February 17: Presidents' Day – LRSC Closed

February 18: Assignment 5 Due

February 23: Assignment 6 Due
March 1: Assignment 7 and Graphing Assignment 2 Due
March 5: Lesson Presentations Due (Group 2)
March 8: Assignment 8, Practice Test 2 and Test 2 Due
March 16 - 22: Spring Break – LRSC Closed
March 22: Assignment 9 Due
March 26: Lesson Presentations Due (Group 3)
March 29: Assignment 10, Graphing Assignment 3, Practice Test 3 and Test 3 Due
April 5: Assignment 11 Due
April 10: Good Friday – LRSC Closed
April 13: Easter Monday – LRSC Closed
April 14: Assignment 12 and Graphing Assignment 4 Due
April 16: Lesson Presentations Due (Group 4)
April 19: Assignment 13, Practice Test 4 and Test 4 Due
April 26: Assignment 14 Due
May 3: Assignment 15 Due
May 10: Assignment 16 Due
May 15: Assignment 17, Graphing Assignment 5, Practice Test 5, Test 5 and Extra Credit (optional) Due, Last Day of Class

Catalog Description:

Limits, continuity, differentiation, Mean Value Theorem, integration, Fundamental Theorem of Calculus, and applications. [From the [LRSC 2019 - 2021 Catalog](#), pg. 82]

Student Outcomes/Competencies and General Education Objectives:

It is the goal of this course for students to become proficient in Calculus topics (see catalog description for a list of topics) as well as the other objectives outlined below. The corresponding numbers of [Lake Region State College General Education goals](#) (pg. 3-4) are placed in the parentheses with the full text after them.

- Apply knowledge of mathematics in daily life [V.1: To develop a conceptual understanding of mathematics and a practical knowledge of mathematical application—numerical. I.3: To apply knowledge gained in the educational process and use that knowledge in everyday living—apply knowledge to the real world]
 - Students will work application problems throughout the term.
- Analyze and understand the language of mathematics [II.3: To use information objectively for solving problems and arriving at alternative solutions-problem-solving skills.]
 - Students will be able to process and understand problems presented in the language of mathematics so that they can solve them.
- Improve logic skills [V.4: To foster an attitude of intellectual inquiry and methodology which will expand one’s view of the universe and the place of humanity within it – scientific method/inquiry.]
 - Students will have improved their logic skills in assessing problems and figuring out ways to solve problems.

- Increase their computer skills [VI.3: To apply current technologies to access and utilization of information – application of technology.]
 - Students will use MyMathLab to help them better understand calculus and turn in their homework.
- Value the role of math in their careers [VII.2: To nurture and promote the ability to adapt to an ever-changing society-adapt to the future.]
 - Students will be able to use the skills in this class in their subsequent career fields.

Grading Policy:

It is important that you complete all course material in a timely manner. Late papers will be deducted up to one letter grade (10%) for EACH business day it is late. Late homework assignments will only be accepted until you have completed the exam. Late homework is docked at least 1/2 point per day it is late down to half credit. Once you complete the exam, I will not accept any late homework that was due before the exam. You also must take all the exams and I do not take late exams with documentation of an emergency situation. I WILL NOT assign you a passing grade if you have not completed all exams. If reasons beyond your control arise it is your responsibility to contact the instructor. A grade of incomplete ("I") is not automatic and will only be given with justification. Incompletes must be arranged with the instructor. All work must be completed by the last day of the course in order to receive a grade for the course, unless the instructor awards a grade of incomplete. Incomplete grades will revert to a letter grade at the end of the next term. Extensions must be justified and approved by the instructor.

Grading Criteria:

This itemizes where all your points will come from.

255	Homework (17 at 15 points each)
75	Graphing Assignments (5 at 15 points each)
85	Participation (17 weeks at 5 points each)
20	LP Participation (4 weeks at 5 points each)
10	Orientation
75	Practice Tests (5 at 15 points each)
30	Lesson Presentation
300	Exams (5 at 60 points each)

Grading Scale:

Grades will be awarded based on the traditional ten point grading scales.

A	100-90%
B	89-80%
C	79-70%

D	69-60%
F	59-0%

Assessment Tools and Procedures:

This course is set up in "weeks." A week begins on Monday morning at 12:01 AM and ends Sunday night at 11:59 PM CST. All assignments are due on Sunday, unless otherwise noted.

All homework, quizzes and exams are due through MML by 11:59 PM CST on the date listed (which will normally be the end of each week). Homework can be scanned, faxed or typed into Microsoft Word/Excel if you are having issues with MML.

You are welcome to use your lecture notes and book on the exams and quizzes, but remember they are TIMED, so you don't have time to look up much and finish the exam. While you can use your materials, having someone help you (another student, a tutor, etc.) constitutes academic dishonesty.

Lesson Presentations must be posted on discussion thread. This assignment is due by 11:59 PM CST on the date listed for the group you are assigned. As a note, I will take requests on when you go if I get them in Week 1.

Participation will be assessed by the instructor and graded weekly. Because of the nature of this course (online) it is very important that you keep up on your homework and participate fully!

Academic Honesty:

Lake Region State College policies are in effect. Academic honesty is required of all members of a learning community. Hence, the college will not tolerate cheating or plagiarism on tests, examinations, research papers, or other course assignments. Students who engage in such dishonesty may be given a failing grade on the assignment or exam and in the course. For definitions and descriptions of cheating, plagiarism, and collusion see the following description in the LRSC College Catalog. (Scholastic Dishonesty is discussed on pg. 30-1 of the [College Catalog](#).)

For a better understanding of plagiarism, see this [website](#).

Resources Available:

Help Desk:

If you have any trouble with an eCourse, please contact the LRSC Online 24-hour Help Desk at 1-800-805-8825 for support.

You can email the Help Desk at helpdesk@lrsconline.com

Help Desk staff are waiting for your call 24 hours a day, 7 days a week, 365 days a year.

You have access to Smartthinking through LRSC and this provides 24 hour, 7 day a week online tutoring. You can also contact [Andy Wakeford](#), the online advisor, to find out about all the in person tutoring available.

Online Library:

The Paul Hoghaug Library, located on the Lake Region State College campus, is a wonderful resource for you. You don't need to be on-campus to use the resources. Once you have a library card, you can access library resources online through ODIN (Online Dakota Information Network).

If you do not have a College library card yet, you can apply online and check out books online.

Academic Division Mission Statement:

The Academic Division focuses on the student, providing high-quality, accessible educational opportunities in the liberal arts. The Division strives to maintain an educational environment in which students learn to think critically and creatively and express themselves cogently, broadening their understanding of life and their ability to function successfully in a complex and changing society to their full potential.

The main functions of the Academic Division are to:

1. Provide the curricula for an associate of arts degree and/or academic transfer to a four-year institution with adequate preparation for academic success.
2. Provide additional academic assistance to those students who need academic skills or knowledge prior to enrolling or as they enroll in a course of study.
3. Provide curricula that give the student a foundation for life-long learning.
4. Providing a program of general education courses that will enable the student to fulfill the system-wide general education requirements as set forth by the North Dakota University System.