Math 5A 52053 Calculus I

Instructor: Mr. Ron Reimer Office: MSCI 137 Office Hours: MWF 7:00-8:00 AM and MW 11:15 AM – 12:15 PM, I will be available in MSCI 137 and through my Zoom link in Canvas	Email: ron.reimer@reedleycollege.edu Please use Canvas Messaging to contact me Class Schedule: MWF 8:30 – 9:50 AM Room: CCI 201

Catalog Description: This class is an introduction to calculus, analytic geometry, differentiation and integration of polynomial, exponential, logarithmic and trigonometric functions; limits; curve sketching and applications.

Advisories: Eligibility for English 1A

Prerequisites: Mathematics 3A or 4B, and Mathematics 4A

Student Learning Outcomes

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

- Evaluate limits using graphical, analytical, and tabular techniques
- Calculate and interpret the derivatives of algebraic, trigonometric, and transcendental functions
- Translate problems from the physical, life, and social sciences into mathematical models and apply appropriate techniques to solve
- Calculate the integrals of algebraic, trigonometric, and transcendental functions

January 9	M	Class Begins
January 16	M	Martin Luther King Jr. Day (no class)
January 23	M	Must have paid access to MyLab, students without paid access may be dropped
January 27	F	Last day to drop this course in person without receiving a "W"
February 17, 19	F-M	President's Weekend (no class)
March 10	F	Last day to drop this course, "W" assigned
April 3-7	M-F	Spring Break (no class)
May 17	W	Final Exam 8:00am – 9:50am

Required:

- MyLab Access: Must enter MyLab using the link on our class Canvas page
- a scientific calculator, the TI-30XS is recommended, any scientific calculator will work.
- Access to a computer with high speed internet

Homework:

- Homework should be done neatly on paper and submitted through MyLab, due dates will be posted in MyLab. To be prepared for class and maintain memory of what we are studying homework assignments should be done immediately after their content has been lectured.

Exams: There will be an exam at the end of each chapter in this course, dates to be announced.

Final Exam: There will be a comprehensive final exam assessing your knowledge of all topics covered in this course at the end of the semester. The final exam will count as a regular exam toward your final grade.

Grades: Final grades will be calculated based on weighted categories as follows.

Homework	30%
Exams and Final Exam	70%

Grading Scale:

90<A<100
80<B<90
70<C<80
60<D<70
0<F<60

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

Academic Dishonesty: Students at Reedley College are entitled to the best education that the college can make available to them, and they, their instructors, and their fellow students share the responsibility to ensure that this education is honestly attained. Because cheating, plagiarism, and collusion in dishonest activities erode the integrity of the college, each student is expected to exert an entirely honest effort in all academic endeavors. The student receiving the grade for this course on their transcript must be the person doing the work at ALL times in this class. Academic dishonesty in any form is a very serious offense and will incur serious consequences ranging from a failing grade on a specific assignment to a failing grade in the course.