Math 103 52066 Intermediate Algebra

Instructor: Mr. Ron Reimer Meeting Times: Daily 8:00 – 8:50 am Room: FEM 4	Office: FEM 1F Office Hours: TWTh 9:00 – 9:50 am Email: ron.reimer@reedleycollege.edu Phone: 638-0030 ext 3355

Catalog Description: This course is designed to provide students with a strong foundation in algebra, graphing, and problem-solving skills. This course will cover many algebraic concepts including: equations and inequalities in two variables, rational exponents and roots, quadratic functions, exponential and logarithmic functions, and conic sections.

Advisories: Eligibility for English 126   **Prerequisites:** Math 201 or equivalent

Objectives: In the process of completing this course, students will:
1. use the properties of lines and linear inequalities, and apply operations on functions
2. simplify radical and complex expressions and perform operations on them
3. solve quadratic equations using various techniques including factoring and quadratic formula, and graph parabolas
4. apply the properties of exponents and logarithmic functions to change the base of a logarithm
5. manipulate and graph equations of conic sections
6. optional Topics (if time permits)
    o generalize arithmetic and geometric sequences and find the kth term of a binomial expansion.

January 15	M	Martin Luther King Jr Day, Campus Closed
January 26	F	Last day to drop a SPRING 2018 full-term class to avoid a "W" students with more than 3 absences may be dropped
February 16-19	F-M	Presidents Weekend, Campus closed
March 9	F	Last day to drop a full-term class (letter grades assigned after this date)
March 26-30	M-F	Spring Recess, Good Friday, Campus Closed
May 14	W	Final Exam, 8:00–9:50am, FEM 4

Required:
- MyMathLab Access Code, this includes an e-book but does not include a physical paper book, a physical paper book is not required
- access to a computer with high speed internet access
- a non-graphing scientific calculator, the TI-30XIIS is recommended, any will work. Phones and graphing calculators may not be used on exams
- graph paper
- straight edge

Optional Text: Woodbury, Elementary & Intermediate Algebra 4E

Attendence: In order to maintain continuity of subject matter regular attendance is imperative in any academic course. You are expected to attend all class sessions, arrive on time and stay for the entire session. If you have accumulated more than 3 absences at census or more than 5

absences on the last day to drop this class, you will be dropped from this class. Do not be late to class. If you are not present when role is taken you will be marked absent, it is your responsibility to inform me if you arrive after role has been taken.

Homework: Homework assignments will be accessed and submitted online through My Math Lab. Assignments will be due no earlier than the next night at 11:59 pm after the corresponding section is completed in class. Assignments submitted late will receive 70% credit. Work must be written in a neat, organized way on paper. Work on paper may be collected and will count as one homework assignment in your grade.

Math Center: You will be required to log into the math center for at least 1 hour every 3 weeks for a total of 6 hours for the semester. The math center will report your time once every 3 weeks. Satisfying the 1 hour requirement will be weighted equivalent to a homework assignment in your grade.

Quizzes: Quizzes may be given at anytime and will be weighted equivalent to one homework assignment in your grade. If you are not in class when a quiz is given you may not make it up.

Exams: Exam dates will be announced at least one week prior to when the exam is given. If you are absent the day of an exam you will need to take a make-up exam in the math center near my office. The make-up exam will be different and may be more difficult than the exam given in class. Exams may not be re-taken.

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.

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

Homework	25%
Exams and Final Exam	75%

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. 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.