

MATH 201: Elementary Algebra (52910)

Instructor: Darrell Gwin

Course Description:

This is the first course in a two-semester sequential elementary and intermediate algebra program. Topics for elementary algebra include arithmetic review, algebra expressions, linear equations and inequalities (of one and two variables), exponents, polynomials, factoring, and rational expressions.

Required Course(s):

Math 250, or equivalent.

Course Materials:

The text for Math 201 is *Elementary and Intermediate Algebra*, third edition by George Woodbury. Wrapped with the text is the student access code to the publisher's MyMathLab website that includes MathXL which is where students will complete their homework online:

<http://www.mymathlab.com>

You will need your instructor's course code: **gwin96997**. Mymathlab access is required for this course. Other *required* materials include paper, pencils, and 882-E scantron forms for exams. A scientific calculator and the physical copy of the book are optional and recommended.

Disability Needs:

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 or Section 504 of the Rehabilitation Act, please contact your instructor as soon as possible.

Course Objectives: The objective of Math 201 is for you to learn how to:

- Use addition, subtraction, multiplication, division, the correct order of operation, and properties to simplify expressions
- Manipulate linear equations and graph
- Solve linear or factorable quadratic equations
- Solve linear systems of equations and linear inequalities
- Comprehend and translate applied problems to math expressions you can solve
- Do all the above in applied problems

Course Content (outline):

- Review of Real Numbers (opposite, absolute value, fractions, decimals, and percents)
- Linear Equations (Solve equations and inequalities, applied problems)
- Graphing Equations (Graph, label intercepts, slope, find equations of lines)
- Systems of Equations (Solve by graphing, substitution, and addition; applied problems)
- Exponents and Polynomials (negative exponents, scientific notation, simplifying, multiplying, and dividing polynomials)
- Factoring Polynomials and Quadratic Equations (Finding GCF, factoring, special products, solving quadratic equations, applied problems)
- Rational Expressions and Equations (rational functions, multiply, divide, add, subtract, complex fractions, and applications of rational expressions)

Student Learning Outcomes: Upon successful completion of this course, the student shall be able to:

1. Apply real number operations to simplify and factor algebraic expressions
2. Solve linear and quadratic equations
3. Using graphic representation of an equation in two variables to solve appropriate problems

Class Attendance:

It is important to attend every class meeting. It is ultimately the student’s responsibility for dropping the course. However, students missing four classes early in the semester are usually dropped as a general policy. Students missing class cannot earn participation points, which is part of the class grade. Last day to drop without a “W” grade is August 31.

Important Dates:

- Jan 20, 2014(Mon), Martin Luther King, Jr. Day, campus closed
- Jan 31, 2014 Last day to add, and last day to drop
- Feb 13, 2014 Last day to change class to/from a P/NP to grading basis
- Feb 14, 2014(Fri) Lincoln Day, campus closed
- Feb 17, 2014(Mon) Washington Day, campus closed
- Mar 14, 2014 Last day to drop a full-term class with “W”
- Mar 20, 2014 Summer/Fall 2014 registration begins
- Apr 14-18, 2014 Spring Recess, no classes
- May 19, 2014(Mon) Final Exam 12-1:50pm in Rm SS31 “same classroom”

Technology Requirements:

Most homework for this course will be assigned, completed, and graded online. It is imperative that you have access to a computer with Internet access. Everyone needs to know how to use the computer lab inside the library, or in the tutorial center.

MyMathLab (http://www.mymathlab.com) :

This class is a computer-enhanced course. The website <http://www.mymathlab.com> will contain all information for the course including the syllabus, the homework assignments, lesson/exam schedules, copies of any Math 201 handouts, and instructor information. Through this site students will be able to complete homework, receive important announcements from instructors, email instructors and fellow students, ask math questions, and check grade records and point totals. Math 201 students should plan on becoming familiar with this website and comfortable navigating around in it as soon as possible.

Instructor Information:

Instructor	Office Hours	Contact	Class Room	Class Times	CourseCompass Course Code
Darrell Gwin	TBA	fuzbyone@mail.fresnostate.edu darrell.gwin@reedleycollege.edu	SS31	MTWRF 12-12:50pm	gwin96997

NOT AN EXCUSE...

You are responsible for knowing all the information in this syllabus. Saying “I didn’t know” *is not an excuse* for failure to fulfill a course requirement. It is your business to know!

You are responsible for knowing all information/assignments given while you are absent. Saying “I was absent” *is not an excuse* for failure to fulfill a course requirement. Get classmates phone numbers and/or email addresses right away.

Math requires much time for homework and study. Be prepared to spend whatever time it takes for successful completion of this course or else take this course when you *do* have enough time. Saying “I didn’t have time” *is not an excuse* for failure to fulfill a course requirement.

Help Resources:

There are several on-campus and online resources available to help students with math study. Students in this course are *expected* to make use of any or all of them as much as possible. Useful resources include a math lab (tutors), computer lab in the library, DSPS program (to help students with disabilities), EOPS (helps students with materials, financially), and more.

Cell Phones:

Cell phone use (including text messaging) is not appropriate in the classroom and is not allowed. Please turn off/silence your cell phone before you enter the classroom. If your phone vibrates loud enough for me to hear it, then it must be turned off.

Grading:

Students will receive points for exams, practice exams, quizzes and homework.

- **Homework** will be completed online at <http://www.mymathlab.com>. Each homework assignment is due before the day of the exam on the material. **LATE HOMEWORK WILL NOT BE ACCEPTED!**
- For each exam, there will be a **practice exam, study guide, or quiz** containing problems similar to those on the actual exam. Each practice exam or quiz is worth points towards your quiz grade. All practice exams will be completed online.
- **Quiz/Participation** points will be awarded regularly. This is to motivate students to show up to class, assess them, and provide feedback on what to study for actual exams.
- **Examinations:** There will be chapter tests, Midterm and a Final Exam given during the semester. Midterm and Final Exams will be comprehensive. The Final Exam will be given during finals week in your same classroom, the day and time to be announced. Any test retakes will have a significantly reduced grade.

- **Grading breakdown:**

Homework (25pts each)	175pts (~20%)	A "pass"	90%-100%
Quiz/Participation	175pts (~20%)	B "pass"	80%-89%
Chapter Tests (50pts each)	250pts (~27%)	C "pass"	70%-79%
Midterm (comprehensive)	100pts (~11%)	D "no pass"	60%-69%
Final Exam (comprehensive)	200pts (~22%)	F "no pass"	0%-59%

- You may view your grade at anytime by clicking on the "Gradebook" button while logged into www.mymathlab.com.

Conduct and Academic Honesty:

Students are expected to conduct themselves in a mature manner at all times while in the classroom. Disruptive behavior or activity that generally detracts from the learning efforts of others won't be tolerated. Also, cheating on quizzes or exams could result in consequences ranging from reprimand to expulsion according to the Reedley College Student Code of Conduct.

Examples of Disruptive Behavior:

1. Talking during the lecture.
2. Helping another student during the lecture.
3. Consistently coming to class late.
4. Working on another assignment during the lecture.
5. Using your cell phone in class.
6. Talking loud; please whisper.
7. Talking during an exam.

Syllabus Is Subject to Change

This syllabus and the course schedule are subject to change in the event of extenuating circumstances. If you are absent from class, it is your responsibility to check on announcements made while you were absent.

DATE	WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Jan 13-17	1	Orientation, Syllabus	Section 1.1	Section 1.2	Section 1.3	Section 1.4
Jan 20-24	2	Martin Luther King Day	Section 1.5	Section 1.7	Section 1.8	Review
Jan 27-31	3	Chapter 1 Test	Section 2.1	Section 2.2	Section 2.2	Section 2.3
Feb 3-7	4	Section 2.4	Section 2.5	Section 2.5	Review	Chapter 2 Test
Feb 10-14	5	Section 3.1	Section 3.2	Section 3.3	Section 3.4	Lincoln Day
Feb 17-21	6	Washington Day	Section 3.4	Section 3.5	Section 3.6	Review
Feb 24-28	7	Chapter 3 Test	Section 4.1	Section 4.2	Section 4.2	Section 4.3
Mar 3-7	8	Section 4.3	Section 4.4	Section 4.4	Review	Midterm
Mar 10-14	9	Section 5.1	Section 5.2	Section 5.2	Section 5.3	Section 5.4
Mar 17-21	10	Section 5.4	Section 5.5	Section 5.5	Review	Chapter 5 Test
Mar 24-28	11	Section 6.1	Section 6.2	Section 6.3	Section 6.3	Section 6.4
Mar 31-Apr 4	12	Section 6.4	Section 6.5	Section 6.5	Section 6.6	Section 6.6
Apr 7-11	13	Section 6.7	Section 6.7	Section 6.8 (option)	Review	Chapter 6 Test
Apr 14-18		Spring Recess	Spring Recess	Spring Recess	Spring Recess	Spring Recess
Apr 21-25	14	Section 7.1	Section 7.2	Section 7.3	Section 7.4	Section 7.4
Apr 28-May 2	15	Section 7.5	Section 7.5	Section 7.6, Quiz	Section 7.6	Section 7.7
May 5-9	16	Section 7.7	Section 3.7 (inequalities)	Section 4.5 (inequalities)	Section 8.1	Section 8.2 (inequalities)
May 12-16	17	Section 8.3 (option)	Section 8.4 (option)	SLO's	Final Exam Review (part 1)	Final Exam Review (part 2)
May 19-23	18	Finals week	Finals week	Finals week	Finals week	Finals week