

MATH 201: Elementary Algebra (#52557/52563)

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, solving linear equations and inequalities in one variable, graphing linear equations and inequalities in two variables, solving linear systems, operations with polynomials, solving equations by factoring, operations with rational expressions, and addition of radical expressions.

Required Course(s):

Math 250, Math 257 or eligibility for Math 201 determined by placement tests.

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. Other *required* materials include paper, pencils, and 882-E scantron forms for exams. Optional materials that can be useful in this course and are required in future math courses is a scientific calculator.

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. Students missing five classes may be dropped from the class. It is ultimately the student’s responsibility for dropping the course. Last day to drop without a “W” grade is August 31.

Important Dates:

Aug. 24, 2012: Last day to drop a full-term class for a full refund.
Aug. 31, 2012: Last day to drop a fall full-term class to avoid a “W” in person
Oct. 12, 2012: Last day to drop a full-term class (letter grades assigned after this date)

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. After gaining access to MyMathLab (<http://www.mymathlab.com>), alternately through the CourseCompass website (<http://www.coursecompass.com>), by using either the student access code that came with the text or by purchasing a student access code online, students will need to download the MathXL plugin for the program to show your homework problems. To do the homework, click on the DO HOMEWORK button on the home screen and that will open the homework site.

MyMathLab (<http://www.coursecompass.com>) :

Note: **mymathlab.com** and **coursecompass.com** are the same website. Math 201 is a computer-enhanced course. The website <http://www.coursecompass.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	CCI-206	MTWThF 7-7:50am	gwin98046
Darrell Gwin	TBA	Skype: mathinstructor	CCI-201	MTWThF 10-10:50am	gwin25474

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) in 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 your cell phone before you enter the classroom. Absolutely no cell phones are allowed to be out during class times. Also, they will never be used as calculators in this class. It is recommended to buy a scientific calculator if you have future mathematic classes to take.

Grading:

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

- **Homework** will be completed online at <http://www.coursecompass.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** containing problems similar to those on the actual exam. Each practice exam is worth points towards your homework 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 four exams and a Final Exam given during the semester. All exams will be comprehensive. The lowest score out of your first four exams will be dropped. The Final Exam cannot be dropped. The Final Exam will be given during finals week in your same classroom, the day and time to be announced. There will be **absolutely no make-up exams**.
- **Grading breakdown:**

Homework (25pts each)	100pts (~13%)	A	90%-100%
Practice Exams (25pts each)	100pts (~13%)	B	80%-89%
Quiz/Participation/EC	~50pts (~7%)	C	70%-79%
Exams (100pts each)	300pts (~40%)	D	60%-69%
Final Exam (comprehensive)	200pts (~27%)	F	0%-59%
- www.coursecompass.com estimates your grade regularly. You may view your grade at anytime by clicking on the “Gradebook” button while logged into www.coursecompass.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
Aug 13-17	1	Orientation, Syllabus	Section 1.1	Section 1.1, Assissment	Section 1.2	Section 1.3
Aug 20-24	2	Section 1.4	Section 1.5	Section 1.5, Quiz	Section 1.7	Section 1.8
Aug 27-31	3	Section 2.1	Section 2.2	Section 2.2, Quiz	Section 2.3	Section 2.4
Sept 3-7	4	Labor Day	Section 2.5	Section 2.5, Quiz	Exam 1 Review	Exam 1
Sept 10-14	5	Section 3.1	Section 3.2	Section 3.2, Quiz	Section 3.3	Section 3.4
Sept 17-21	6	Section 3.4	Section 3.5	Sectin 3.5, Quiz	Section 3.6	Section 3.6
Sept 24-28	7	Section 4.1	Section 4.2	Section 4.2, Quiz	Section 4.2	Section 4.3
Oct 1-5	8	Section 4.4	Section 4.4	Sectin 4.4, Quiz	Exam 2 Review	Exam 2
Oct 8-12	9	Section 5.1	Section 5.2	Sectin 5.2, Quiz	Section 5.3	Section 5.4
Oct 15-19	10	Section 5.5	Section 6.1	Section 6.1, Quiz	Section 6.2	Section 6.3
Oct 22-26	11	Section 6.4	Section 6.4	Section 6.4, Quiz	Section 6.6	Section 6.7
Oct 29- Nov 2	12	Section 6.7	Section 6.8 (option)	Section 6.8, Quiz	Exam 3 Review	Exam 3
Nov 5-9	13	Section 7.1	Section 7.2	Section 7.2, Quiz	Section 7.2	Section 7.3
Nov 12-16	14	Veterans Day	Section 7.3	Section 7.3, Quiz	Section 7.4	Section 7.4
Nov 19-23	15	Section 7.5	Section 7.6	Section 7.6, Quiz	Thanksgiving Holiday	Thanksgiving Holiday
Nov 26-30	16	Section 7.7	Section 8.1 (alt. Inequalities)	Sectin 8.1, Quiz	Section 8.2 (alt. Inequalities)	Section 8.3 (alt. Inequalities)
Dec 3-7	17	Section 8.4 (alt. Inequalities)	Exam 4 Review	Exam 4	Final Exam Review (part 1)	Final Exam Review (part 2)
Dec 10-14	18	Finals week	Finals week	Finals week	Finals week	Finals week