Math 201 Elementary Algebra

CONTACT INFORMATION

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Office: FEM -1N

Office Hours: 9-10:00am M-F

INSIDE THIS SYLLABUS:

Welcome

Welcome to Math 201 at Reedley College! I hope you are excited to start a new semester and I look forward to working with you. This can be a challenging class for students and you will likely experience ups and downs throughout the semester. You are not in this alone so take every opportunity to get to know me and other students in class. Persistence, hard work, and a good support system are key. If you put in the time and effort I know you will be able to succeed in this course!

Course Description

First course in elementary algebra, including algebraic expressions, linear equations and inequalities, linear equations and inequalities in two variables, exponents and polynomials, factoring, and rational expressions.

Advisories: ENGL 262

Prerequisites: Math 250 or 252 or equivalent

Course Materials

Required

⇒ MyMathLab access code

⇒ Calculator (TI 30XIIS recommended)

Recommended Apps/Websites

⇒ Canvas

⇒ iTunesU

⇒ Khan Academy

⇒ Desmos

Student Learning Outcomes

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

1. Apply real number operations to simplify and factor algebraic expressions.

2. Solve linear and quadratic equations.

3. Use graphic representation of an equation in two variables to solve appropriate problems.

Course Objectives

In the process of completing this course, students will:

1. Recognize the real number system, its subsets and how to perform operations on numbers from these subsets.

2. Simplify algebraic expressions and solve linear equations and inequalities

3. Graph linear equations in two variables and solve systems of linear equations.

4. Simplify expressions using the properties of exponents and perform operations with polynomials.

5. Factor algebraic expressions and solve equations of degree greater than one.

6. Perform arithmetic operations on rational expressions and solve equations containing rational expressions.

Attendance & Participation

I know you all have busy lives outside of this class but regular class attendance is expected. It is your responsibility to withdraw from the class with Admissions and Records if you find that you can no longer attend or possibly receive an F.

You **may** be dropped for excessive tardiness or after 4 absences.

If you reach 8 absences, **for any reason**, you will be dropped from the class.

Being an active participant in class is key to your success. Therefore, If you are tardy, leave early, or leave class and return later, this will affect your attendance count, as will doing unrelated work, homework or using electronic devices during class.

You will be considered late if you arrive after attendance has been taken.

Each tardy is equal to one half of an absence, i.e. 2 tardies = 1 absence

If you do not sign the attendance sheet you will likely be marked absent.

Assignments & Exams

> *"I have discovered a truly marvelous proof of this, which however the margin is not large enough to contain."*
> *-Pierre de Fermat (referring to his 'last theorem')*

Worksheets, Participation, and Practice Exams

You will be working in groups regularly in this class. Worksheet grades will be based on completeness and participation in your group. **Most worksheets missed due to absence can be found on Canvas but participation grades cannot be made up.**

Homework

Homework is assigned on Friday each week and is due on My Math Lab the following Wednesday. To use My Math Lab you will need to purchase an access code. **You are not required to purchase a textbook for this course.**

Late Work

Turning an assignment in late for **any reason** will result in a 40% point reduction. No late homework will be accepted after the final exam. Late extra credit assignments will not be accepted.

Exams

There will be four exams and a cumulative final exam in this course. **No make-ups will be allowed for exams.** If absent on the day of an exam, **one** missed exam score will be replaced with your final exam percentage.

Academic Honesty

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, including but not limited to receiving a grade of F on the assignment or in the course. For the college policy on cheating and plagiarism see the college catalog.

Grading

Grading Scale:

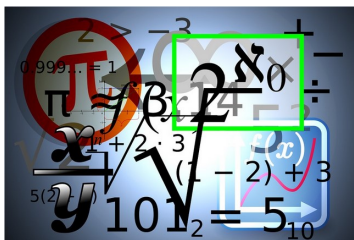|	
A	89.5% - above
B	79.5%-89.4%
C	69.5%-79.4%
D	59.5%-69.4%
F	59.4% and below

Grading:

50% Exams

20% Homework

15% Final Exam

15% Worksheets, Participation, and Practice Exams

Finding your Grade:

I will be maintaining your grades and attendance on Canvas.

I strongly recommend you check it regularly for accuracy so there are no surprises at the end of the semester.

Tip: Use the 'What if' option to see how future assignment scores will effect your grade.

"Do not worry to much about your difficulties in mathematics, I can assure you that mine are still greater." - Albert Einstein

Resources

Other Students in Class

I strongly encourage you to form study groups of 3 to 5 students and work together outside of class. It is more productive and enjoyable to work with others when studying. I know this is more challenging in an online class but the discussion board is available to meet with other student online.

Your Instructor

I will be happy to help you at the beginning of class or in my office. My office hours are listed at the beginning of this syllabus. If you cannot come during my office hours you can make an appointment to come at a different time. You may also ask questions through email and Canvas.

Math Study Center, FEM 1

The STEM Math Study Center is a free tutoring resource available to all Reedley College math students. The MSC offers drop-in tutoring facilitated by our math faculty and well-qualified student tutors. The MSC has 20 computers and online access available to students with online math homework.
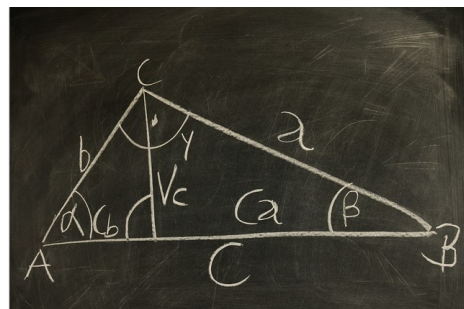
Open M-Th 8am-4pm, F 8am-12pm

Accommodations for Students with Disabilities

Disabled Students Programs & Services (DSP&S) is designed to provide specialized services and accommodations that assist students with documented physical, psychological and learning disabilities reach their maximum potential while achieving their educational goals. Staff specialists interact with all areas of the campus to eliminate physical, academic and attitudinal barriers. Disabled Students Programs & Services takes a personal interest in meeting the special needs of students with disabilities.

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

Reedley College

January 8	(M)	Start of Spring 2018 semester
January 8 - March 9	(M-F)	Short-term classes, first nine weeks
January 15	(M)	Martin Luther King, Jr. Day observed (no classes held, campus closed)
January 19	(F)	Last day to drop a Spring 2018 full-term class for full refund
January 26	(F)	Last day to register for a Spring 2018 full-term class in person
January 26	(F)	Last day to drop a Spring 2018 full-term class to avoid a "W" in person
January 28	(SU)	Last day to drop a Spring 2018 full-term class to avoid a "W" on WebAdvisor
February 9	(F)	Last day to change a Spring 2018 class to/from Pass/No-Pass grading basis
February 16	(F)	Lincoln Day observance (no classes held, campus closed
February 19	(M)	Washington Day observance (no classes held, campus closed)
March 9	(F)	Last Day to drop a full-term class (letter grades assigned after this date)
March 12 - May 18	(M-F)	Short-term classes, second nine weeks
March 26 - 29	(M-Th)	Spring recess (no classes held, campus open)
March 30	(F)	Good Friday observance (no classes held, campus closed) (classes reconvene April 2)
May 14-18	(M-F)	Spring 2018 final exams week
May 18	(F)	End of Spring 2018 semester/commencement

Tentative Calendar

JANUARY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8 Semester Begins	9 1.1	10 1.2-1.3	11 1.4-1.5	12	13
14	15 *No School*	16 2.1	17 2.1	18 2.2	19* 2.2	20
21	22 2.2	23 2.3	24 2.4	25 2.4	26* 2.4	27
28*	29 2.5	30 2.5	31 2.6			

FEBRUARY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Review	2 Exam 1	3
4	5 3.1	6 3.1	7 3.1	8 3.2	9* 3.2	10
11	12 3.3	13 3.3	14 3.4	15 3.4	16 *No School*	17
18	19 *No School*	20 3.5	21 3.5	22 3.6	23 3.6	24
25	26 Review	27 Exam 2	28 4.1			

MARCH

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 4.1	2 4.1	3
4	5 4.1	6 4.2	7 4.2	8 4.3	9* 4.3	10
11	12 5.1	13 5.2	14 5.2	15 5.2	16 5.3	17
18	19 5.3	20 5.3	21 5.4	22 5.4	23 5.4	24
25	26 *Spring Break*	27	28	29	30	31

APRIL

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 Review	3 Exam 3	4 6.1	5 6.1	6 6.2	7
8	9 6.2	10 6.2	11 6.3	12 6.3	13 6.4	14
15	16 6.4	17 6.5	18 6.5	19 6.5	20 Review	21
22	23 Exam 4	24 7.1	25 7.1	26 7.2	27 7.2	28
29	30 7.2					

MAY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 7.3	2 7.3	3 7.4	4 7.4	5
6	7 7.4	8 7.5	9 7.5	10 Review	11 Review	12
13	14 Final Exam 8-9:50am	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		