Reedley College

Math 252 Preaglebra

CONTACT INFORMATION

Julie Kehoe

Email:
Julie.kehoe@reedleycollege.edu

Office: FEM -1N

Office Hours: M-W 10-11am

Welcome

Welcome to Math 252 at Reedley College! I hope you are excited to start a new semester and I look forward to working with you. Over the course of the semester you will likely experience ups and downs. But 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

This course covers arithmetic and key concepts in elementary algebra which are typically difficult for elementary algebra students. Topics include arithmetic operations on integers, fractions and decimals, application of order of operations to simplifying arithmetic and algebraic expressions, solving linear equations, graphing linear equations, and applications.

Course Materials

Pre-alg-ebra

⇒ Knewton access code

⇒ Canvas

⇒ Prealgebra by OpenStax (optional)

⇒ Khan Academy

Student Learning Outcomes

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

1. apply the order of operations and rules of exponents to integers, fractions and decimals.

2. write a whole number as a product of prime factors.

3. simplify and evaluate algebraic expressions.

4. solve linear equations in one variable using the addition and multiplication properties of equality.

5. write an algebraic expression as a product of factors using the distributive property.

6. graph linear equations in x and y.

Course Objectives

In the process of completing this course, students will:

1. learn, practice and apply the operations of addition, subtraction, multiplication and division of rational numbers.

2. convert numbers between decimal and fraction forms.

3. simplify and evaluate algebraic expressions.

4. differentiate between an expression and an equation.

5. identify monomials, binomials, trinomials and polynomials.

6. identify and combine like terms to simplify polynomials.

7. add, subtract and multiply polynomials.

8. solve linear equations in one variable.

Attendance and 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. (i.e. cell phones, MP3 players, etc.)

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 the following Wednesday. To use the online homework system you will need to purchase an access code. The textbook is available online for FREE. **You may purchase a physical copy of the textbook but it is not required.**
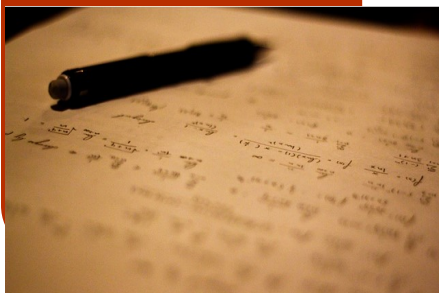
Late Work

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.

Tests

There will be four tests 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:

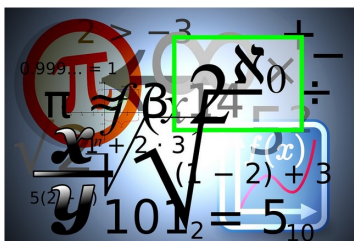|	
A	89.5% - above
B	79.5%-89.4%
C	69.5%-79.4%
D	59.5%-69.4%
F	59.4% and below

Grading:

50% Tests

15% Final Exam

25% Homework

10% Worksheets, Participation, and Practice Exams

Finding your Grade:

I will be recording 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 possible assignment scores will effect your grade.

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.
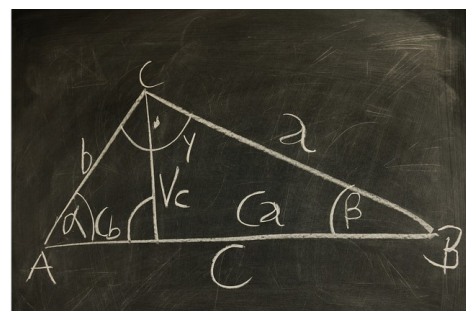
Open M-Th 8am-4pm, F 8am-12pm

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

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.

Important Dates *

August 13	(M)	Start of Fall 2018 semester
August 13 - October 12	(M-F)	Short-term classes, first nine weeks
August 24	(F)	Last day to drop a Fall 2018 full-term class for full refund
August 31	(F)	Last day to register for a Fall 2018 full-term class in person
August 31	(F)	Last day to drop a Fall 2018 full-term class to avoid a "W" in person
September 2	(SU)	Last day to drop a Fall 2018 full-term class to avoid a "W" on WebAdvisor
September 3	(M)	Labor Day Holiday (no classes held, campus closed)
September 14	(F)	Last day to change a Fall 2018 class to/from Pass/No-Pass grading basis
October 12	(F)	Last Day to drop a full-term class (letter grades assigned after this date)
October 15 - December 14	(M-F)	Short-Term classes, second nine weeks
November 12	(M)	Veterans Day observed (no classes held, campus open)
November 22-23	(Th-F)	Thanksgiving holiday (no classes held, campus closed)
December 10-14	(M-F)	Fall 2018 final exams week
December 14	(F)	End of Fall 2018 semester

Tentative Calendar

AUGUST

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13 Semester Begins	14 Ch 1	15 Ch 1	16 Ch 1	17 Ch 1	18
19	20 Ch 1	21 2.1	22 2.4	23 2.5	24 2.5	25
26	27 3.1	28 3.2	29 3.3	30 3.4	31 Review	1

SEPTEMBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
2	3 No School	4 **Exam 1**	5 4.1	6 4.2	7 4.2	8
9	10 4.3	11 4.4	12 4.5	13 4.5	14 4.6	15
16	17 5.1	18 5.2	19 5.2	20 5.3	21 5.3	22
23	24 5.6	25 5.7	26 Review	27 **Exam 2**	28 2.1	29
30						

OCTOBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 2.2	2 2.2	3 7.1	4 7.2	5 7.3	6
7	8 7.4	9 Review	10 **Exam 3**	11 8.1	12 8.1	13
14	15 8.2	16 8.2	17 8.3	18 8.4	19 8.4	20
21	22 6.1	23 6.2	24 6.3	25 6.4	26 6.5	27
28	29 6.5	30 Review	31 **Exam 4**			

NOVEMBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 10.1	2 10.2	3
4	5 10.2	6 10.3	7 10.3	8 10.4	9 10.4	10
11	12 No School	13 10.5	14 10.5	15 10.6	16 10.6	17
18	19 11.1	20 11.1	21 11.2	22 No School	23 No School	24
25	26 11.2	27 11.2	28 9.1	29 9.1	30 9.2	1

DECEMBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
2	3 9.2	4 9.3	5 9.3	6 Review	7 Review	8
9	10 Finals Week	11	12 **Final Exam** **9-10:50am**	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					