College Arithmetic (52699)
Math 250
Fall Semester, August 14th – December 11th
Jim Blied, Instructor
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Class Times	T & Th, 8:00-9:15 AM, SOC 31
Text	**Prealgebra** Tom Carson, (4rd edition)

Course Objectives

In the process of completing this course, students will:
A. Develop an understanding of the base ten number system
B. Practice with and master basic addition and multiplication facts of single digit whole numbers
C. Learn, extensively practice and apply the concepts of addition, subtraction, multiplication and division of single and multiple digit whole numbers and decimals
D. Learn, extensively practice and apply the concepts of addition, subtraction, multiplication and division of fractions
E. Use ratios to compare two quantities with the same units
F. Use rates to compare two quantities with different units
G. set up the four elements of a proportion
H. determine whether a statement is a proportion
I. Solve a proportion with an unknown element
J. Convert numbers between decimals, fractional and percent forms
K. Translate a percent problem into an equation and solve

Course Outcomes

Upon completion of this course, students will be able to:
A. Apply the four arithmetic operation (addition, subtraction, multiplication and division) to problems involving whole numbers
B. Apply the four arithmetic operations to problems involving fractional numbers
C. Apply the four arithmetic operations to problems involving decimal numbers
D. Evaluate whole numbers raised to exponents using the definition of exponents
E. Solve consumer arithmetic problems such as balancing a checkbook and calculating unit cost
F. Solve consumer arithmetic problems using ratios and proportions such as proportionally increasing or decreasing a recipe and calculating fuel mileage
G. Solve business applications such as computing simple interest

Attendance

Attendance to all class meetings is expected. Class starts at 12:00.
Arriving late or leaving early will be counted as an absence. A student
may be dropped due to excessive absences (4 or more) prior to March 9th.
Turn off and put away cell phones, ipods, all electronic devises during class.

Important Dates

August 14	-	first day of instruction
August 31	-	last day to drop/avoid a "W"
September 14	-	last day to change a class to/from Pass/No-Pass
October 12	-	last date to drop/letter grades assigned after this date
November 22	-	Thanksgiving, no class
December 11	-	Final

Grading Scale

A	90 - 100%
B	80 - 89%
C	65 - 79%
D	50 - 64%

Grades

The semester grade will be determined by using 6 test scores, 4 chapter tests, quiz grades, and a final.

Tests

There will be 4 chapter tests. Test dates are advertised (see p. 3). There will be no making up missed tests. If you miss the test the grade will be a 0.

Quizzes   There will be many quizzes, at least one per week. At the end of the semester the best 10 quiz grades will become a test grade. In addition, at the end of the semester the best 10 test grades will be used to replace the lowest test score, with the exception of the final. There will be no making up missed quizzes.

Homework   Homework is assigned (see p. 4) at each class meeting, and due with each chapter test.   It will not be accepted late. Completed homework has the potential to raise a test score a letter grade.

Final   The final will be a comprehensive exam covering the 4 chapters.

Accommodations   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.

Cheating and Plagiarism   For the college policy on cheating and plagiarism, refer to the Reedley College catalog. Academic dishonesty is a cause for discipline under Board Policy 5500 (c) and procedures for formal discipline are spelled out in AR 5520 and also in Student Conduct Standards and Grievance Procedures Handbook available in the Vice President of Student Services' office. Every instructor has the authority and responsibility for dealing with such instances of cheating or plagiarism as may occur in class. For current information, consult your dean or the Office of Instruction.

Math 250 Test Schedule
(tentative)

August	14	16
	21	23
	28	30
September	4	6 **CH 1 Test**
	11	13
	18	20
	25	27
October	2	4
	8 **Ch 2 Test**	11
	16	18
	23	25
	30	
November		1
	6 **Ch 3 Test**	8
	13	15
	20	22 **- no class -**
	27	29
December	4 **Ch 4 Test**	6
	11 **FINAL**	

Math 250 Assignments
- subject to change -

Chapter 1

1.1	1-55 (odd)
1.2	1-47 (odd)
1.3	1-63 (odd)
1.4	1-69 (odd)
1.5	1-61 (odd)
1.6	1-17 (odd), 19-49 (eoo)
Ch 1 Practice Test pp 85-86	1-25 (all)

Chapter 2

2.1	1-67 (odd)
2.2	1-59 (odd)
2.3	1-55 (odd)
2.4	1-99 (odd)
2.5	1-85 (odd)
2.6	1-19 (odd)
Ch 2 Practice Test pp 141-142	1-30 (all)

Chapter 3

3.1	1-69 (odd)
3.2	1-93 (odd)
3.3	1-49 (odd)
3.4	1-103 (odd)
3.5	1-75 (odd)
3.6	1-69 (odd)
3.7	1-31 (odd)
Ch 3 Practice Test pp 220-221	1-25 (all)

Chapter 4

4.1	1-25 (odd)
4.2	1-45 (odd)
4.3	1-51 (odd)
4.4	1-30 (all)
4.5	1-33 (eoo)
Ch 4 Practice Test pp 268-269	1-20 (all)

Final

Ch 1-4 Cumulative Review pp 270-271	1-30 (all)