

Math 272-57400
Mrs. Kathy Landon
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Math Assistance

REEDLEY COLLEGE
Fall 2012
Meeting Room: FEM 1
Meeting Times: By arrangement

COURSE DESCRIPTION: This course is intended for any student requiring help with mathematics in any discipline. The course will provide intensive assistance in mathematical concepts and procedures. Students will develop, improve, and refine mathematical skills through guided practice in a lab setting.

Basic Skills Advisories: None

Subject Prerequisites: Must be enrolled in a math class

REQUIRED TEXT: The text required for your math class or Course Compass (as required)

REQUIRED MATERIALS

3-ring binder with dividers, plenty of college ruled paper, pencils, 4 x 6 note cards, **appropriate** calculator (depends on class, see math instructor), highlighter, 1/4" graph paper, eraser

REQUIRED HOURS

If you are enrolled for **1/2 credit**, you must attend 24 hours of tutorial assistance in the STEM Math Study Center this semester. Make sure you log in and out at the front computer correctly to receive credit for your hours.

If you are enrolled for **1 credit**, you must attend 48 hours of tutorial assistance in the STEM Math Study Center this semester. Make sure you log in and out at the front computer correctly to receive credit for your hours.

Behavioral Standards: Come at your arranged time with necessary materials to do work. Please turn your phone off when entering the class. I would appreciate that you not bring guests to class.

Learning Objectives:

- *Communicate mathematics with understanding (read, write, listen, speak).*
- *Use critical thinking and mathematical reasoning to solve a variety of problems.*
- *Apply mathematical models to real world situations.*
- *Use technology, when appropriate, to enhance their mathematical understanding, critical thinking, and problem solving skills.*
- *Demonstrate the ability to use symbolic, graphical, numerical and written representations of mathematical ideas.*
- *Identify techniques and strategies to improve note taking.*
- *Determine the level of detail and organization needed for the presentation of math problems.*
- *Successfully complete concurrent course(s) with mathematical content.*

HOMEWORK and TESTS: A notebook with dividers is required.

Divider 1: Class Notes

Divider 2: Homework (Homework should be written in pencil. Record the class name, your name, homework (chapter, section and problems), and date in the upper right hand corner on each homework assignment.)

Divider 3: Quizzes and Tests

Divider 4: Corrections (test corrections are required)

GRADING: (depending on your class and math instructor, some may not apply – we will work with it individually

2 grade reports (6 week and 12 week)

Notebook grade

Test corrections

Computer skills such as:

Practice sites specific to student needs

Webadvisor

Webgrade

Blackboard

Calculator Literacy

Participation (Hours in Study Center based on Tutortrac sign-in)

<u>Percent of Total Points</u>	<u>Grade</u>
90-100	A
80-89	B
70-79	C
60-69	D
0-59	F

Academic Dishonesty

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.

Cheating is the act or attempted act of taking an examination or performing an assigned, evaluated task in a fraudulent or deceptive manner, such as having improper access to answers, in an attempt to gain an unearned academic advantage. Cheating may include, but is not limited to, copying from another's work, supplying one's work to another, giving or receiving copies of examinations without an instructor's permission, using or displaying notes or devices inappropriate to the conditions of the examination, allowing someone other than the officially enrolled student to represent the student, or failing to disclose research results completely.

Plagiarism is a specific form of cheating: the use of another's words or ideas without identifying them as such or giving credit to the source. Plagiarism may include, but is not limited to, failing to provide complete citations and references for all work that draws on the ideas, words, or work of others, failing to identify the contributors to work done in collaboration, submitting duplicate work to be evaluated in different courses without the knowledge and consent of the instructors involved, or failing to observe computer security systems and software copyrights.

Incidents of cheating and plagiarism may result in any of a variety of sanctions and penalties, which may range from a failing grade on a particular examination, paper, project, or assignment in question to a failing grade in the course, at the discretion of the instructor and depending on the severity and frequency of the incidents.

COURSE OUTCOMES:

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

- Use the symbols and vocabulary of mathematics to clearly communicate concepts.
- Read, communicate, and understand mathematical ideas in a variety of settings, both verbally and in writing, making use of numerical, graphical, and symbolic viewpoints.
- Apply mathematical concepts in a variety of vocational and academic programs.
- Identify techniques and strategies to improve note taking.
- Determine the level of detail and organization needed for the presentation of math problems.
- Successfully complete concurrent course(s) with mathematical content.

COURSE OBJECTIVES:

In the process of completing this course, students will:

- Practice the use of the symbols and vocabulary of mathematics.
- Develop the ability to read, communicate, and understand mathematical ideas in a variety of settings, both verbally and in writing, making use of numerical, graphical, and symbolic viewpoints.
- Explore the use of mathematical concepts in various vocational and academic programs.
- Examine their notes, identifying techniques and strategies to improve the effectiveness of their notes.
- Organize the presentation of math problems, determining the level of detail to include in their work.
- Develop the skills to be successful in concurrent courses that have mathematical content.