

Reedley College

Math 102

Spring '13 Syllabus

Course: Math 102 Plane Geometry

Schedule number: 56081

Instructor: Ron Reimer

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Phone: (559)638-3641 ext. 3355

Office Hours: 11:00 – 12:00 MWF

Math Lab Hours: M 10:00–11:00, T 10:00-1:00, W 10:00-11:00, 2:00-4:00, Th 10:00-11:00, F 10:00-11:00

Text: Lial, *Essentials of Geometry for College Students Second Edition* ISBN: 0-201-74882-7

Meeting times: MWF, 12:00 – 12:50 PM, 1/7/13 – 5/17/13, FEM 4E

Important dates:

January 21	Monday	Martin Luther King Holiday, No Class
February 15	Friday	Lincoln Day, No Class
February 18	Monday	Washington Day, No Class
March 8	Friday	Last day to drop a full term class
March 25-29	M-F	Spring Recess, No Class
May 15	Wednesday	Final Exam 12:00-1:50 PM

Course Description: Plane Geometry consists of the study of points, lines and planes. This course will include an introduction to geometric reasoning, and the properties of angles, lines, polygons, and circles. **Course**

Objectives

- A. use geometric reasoning to solve problems
- B. use geometric reasoning in a proof.
- C. demonstrate knowledge of triangle properties
- D. demonstrate knowledge of similarity and congruence
- E. demonstrate the correct usage of formulas for plane geometric figures
- F. study geometric definitions and properties and how they relate to geometrical figures.
- G. identify the properties and relationships of polygons among their angles, sides, and diagonals.
- H. identify the properties and relationships of circles

Attendance: In order to maintain continuity of subject matter regular attendance is imperative in any academic course. You are expected to attend all class sessions, arrive on time and stay for the entire session. If you have accumulated more than 3 absences on March 8, 2013, you will be dropped from this course. Do not be late to class. If you are not present when role is taken you will be marked absent, it is your responsibility to inform me if you arrive after role has been taken.

Grading: Grades will be based on three sets of criteria: Homework, Midterm exams, and a Final exam.

Homework: Homework is to be done on standard notebook paper. If using a spiral notebook please tear off the shredded edge. Homework will have two parts. The first part will consist of odd numbered problems for which the answers are in the back of the book. It will be graded based on completeness. To be complete the problems need to be written down as they are given in the book (except word problems), all important steps must be shown (show work as I do in class) and the solution must be given. The second part will consist of even numbered problems. It is to be done on a separate piece of paper and will be graded based on completeness and accuracy as time allows. Homework will be 25% of your grade.

Midterm Exams: The midterm exams will make up the majority of your grade in this course. In most cases a midterm exam will follow the completion of a chapter in the textbook and cover the material discussed in that

chapter only. If appropriate a midterm exam may cover more or less than one chapter in the text. Midterm exams will be 65% of your grade.

Final Exam: There will be a comprehensive final exam at the end of this course. If it helps you I will replace your lowest midterm exam score with your final exam score. The final exam will be 10% of your grade. The final exam date for this course is Wednesday March 15, 2013, 12:00 – 1:50 PM.

Grading scale:

Final Percentage Points	Grade
90<100	A
80<90	B
70<80	C
60<70	D
0<60	F

Academic Dishonesty: 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 in the course. For the college policy on cheating and plagiarism, see the college catalog.

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.

A blackboard website will be maintained for this course. The web address is:

<http://blackboard.reedleycollege.edu>

User Name = *Your student I.D. number*

Password = *Your student I.D. number*