

# Reedley College

## Math 102

### Spring '14 Syllabus

**Course:** Math 102 Plane Geometry

**Schedule number:** 52856

**Instructor:** Ron Reimer

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**Phone:** (559)638-3641 ext. 3355

**Office Hours:** 10:00 – 11:00 TTh, 11:00 W

**Math Lab Hours:** 10:00 – 11:00 MWF, 11:00 – 12:00 TTh, 2:00 – 3:00 TW

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

**Meeting times:** MWF, 12:00 – 12:50 PM, 1/13/14 – 5/23/14, FEM 4E

**Important dates:**

January 20	Monday	Martin Luther King Jr Day No Class
February 14 – 17	Fri – Mon	Presidents Weekend No Class
March 14	Fri	Last Day to Drop a Full Semester Course
April 14 – 18	Mon – Fri	Spring Recess No Class
May 19	Monday	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 14, 2014, 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. If you leave early you will be marked as left early.

**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. A midterm exam will follow the completion of two chapters in the textbook and cover the material discussed in those chapters only. If appropriate a midterm exam may cover more or less than two chapters in the text. If you have 3 or

fewer absence, tardy and left early marks at the end of the semester your final exam score will replace your lowest midterm exam score if it helps you. Midterm exams will be 65% of your grade.

**Final Exam:** There will be a comprehensive final exam at the end of this course. The final exam will be 10% of your grade. The final exam date for this course is Wednesday May 19, 2014, 12:00 – 1:50 PM.

**Grading scale:**

<b>Final Percentage Points</b>	<b>Grade</b>
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*