Math 331
Spring Semester 2014

Instructor Information

Dr. Kenneth Price, Professor of Mathematics.

Contact. Phone (920) 424-1057 or send E-mail to pricek@uwosh.edu.

Office Hours. You do not need an appointment to stop by Swart 239 for help at the following times.

- Mondays from 1:00 to 2:00 PM
- Wednesdays and Thursdays from 1:00 to 3:00 PM

Ask in person, call, or send E-mail for arranged appointments at other times.

Course Information

Course Description. An introduction to the evolution of geometry, modern elementary geometry, transformation theory, and modern axiomatic Euclidean geometry.

Prerequisite. Completion of Math 222 with a grade of C or better.

Textbook. Euclidean and Non-Euclidean Geometries: Development and History (4th edition), by Greenberg, W. H. Freeman and Company. Problems will be assigned from this version of the book and chapters one through three will be covered.

Equipment. In order to complete geometric constructions you will need a compass and a straight edge.

Storage. You may want to use a flash/thumb drive to save work completed in the computer lab.

Policies

Grading Policy. *A statement of the solution with no explanation will not be awarded full credit.*

Cell Phone Policy. You may not use cell phones during class.

Attendance Policy. You are expected to attend every class meeting, contribute to discussions, participate in activities, ask questions, and remain until the end of the class session.

Makeup Policy. Students are responsible for finding out about missed group work assignments during their absences. Special consideration for particular students is unfair to the rest of class. No makeups will be made available unless the following conditions are met.

- The reason must be documented, verifiable, and beyond your control.
- Provide a written explanation. Phone messages and E-mail do not count.
- Make arrangements in advance whenever possible.

Explanation of Grading

Your final grade is based on a percentage according to the following scale.

A	at least 93.0%	C	73.0% to 75.9%
A-	90.0% to 92.9%	C-	70.0% to 72.9%
B+	86.0% to 89.9%	D+	66.0% to 69.9%
B	83.0% to 85.9%	D	63.0% to 65.9%
B-	80.0% to 82.9%	D-	60.0% to 62.9%
C+	76.0% to 79.9%	F	below 60.0%

Exams = 62% The dates for the two exams are shown below. Study guidelines will be posted on D2L prior to the exam date.

- The first exam is scheduled for the week of February 24-28. It covers Chapters 1 and 2.
- The second exam is scheduled for the week of March 17-21. It covers Chapter 3.

All students are expected to take exams at these scheduled times. Exceptions will only be made in circumstances meeting the conditions described in the makeup policy.

Group Work = 20% In-class activities will be assigned on a regular basis. You will work in groups to solve these problems. Every group should submit one solution with everyone's name on it. Each group activity will be worth up to five points.

- To earn a 5, work must be free of calculation mistakes and gaps in written explanations.
- A score of 4 indicates satisfactory explanation with calculation mistakes.
- A score of 3 indicates unsatisfactory explanation or severe calculation mistakes.
- A score of 0, 1, or 2 indicates unsatisfactory explanation with missing calculations, gaps, or mistakes.

Rewrite your group work solutions before turning them in for grading. Groups of five or more students are prohibited. Late work will not be accepted.

Problem Sets = 18% Problem sets will be posted to D2L. Your solutions will be collected and graded.

- You are encouraged to collaborate with classmates. However, do not copy their work. You should write up your own solutions to the problem sets.
- You are not allowed to get solutions from other books, from the internet, or from other people not in this class. **You may not discuss problems with anyone who has taken this class before!**

Academic Integrity. Examples of academic misconduct include submitting others' work as your own, cheating on an exam, tampering with the work of others, and intentionally assisting another student in any of these activities. The University of Wisconsin System disciplinary code provides standards of academic integrity for all students. Section 14.01 of these guidelines states:

> Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors.

System guidelines and local procedures are printed in the UW Oshkosh Student Discipline Code 2001-2002. Questions should be directed to the Dean of Students office.