Instructor: Dr. C. Stenger  
Office hours: MWF 1:50-3pm, TR 1-2:45pm  
Office: MAB101  
Class time: TR 9:30 – 10:45am  
Classroom: MAB5

Course Description: (3 semester hours) Euclidean and non-Euclidean geometry including the topics of congruence, convexity and plane and space separation.

Prerequisite: MA 126

Course Objectives:
1. Demonstrate knowledge of Euclidean and non-Euclidean geometry. 290-3-3-13(2)(h)6.(i)
2. Demonstrate knowledge of spatial relationships.

Course Content:
1. Incidence Geometry in Planes and Space
2. Distance and congruence
3. Separation in Planes and Space
4. Congruence
5. Examples of Geometries

Required:
- A good compass and straightedge.
- Boardwork, quizzes, homework, chapter tests and final exam
- Regular and punctual attendance – students should not arrive late or leave class early. A seating chart will be used for attendance.

Notes on attendance
1. Students missing in excess of two weeks of class (6 class periods) will not be given credit for the course.

Evaluation: based on total points earned divided by total points available.
- Boardwork/quizzes/graded homework – 1 – 10 points.
- Chapter tests 100 points each. 290-3-3-13(2)(h)6.(i)
- Final exam – 200 points

Notes on evaluation:
1. There is no extra credit. All students have the same opportunity to earn points through boardwork, quizzes, homework, tests and the final.
2. Homework should be completed before class every day (except test days). Your homework grade will be assigned in one of three ways: Boardwork/Quizzes/Graded.
3. **Chapter tests** - If you know in advance that you will miss a test due to an excused school activity, you may schedule a time to take the test early. The regular class exam can not be taken after the scheduled date. If you miss a test due to an emergency, illness, etc., call me as soon as possible. In this case a make-up test can be taken at the time of the final exam. The format and content of this test will differ from the regular class exam.

4. You are responsible for recording your grades. In this way you can determine your current grade at any point in the semester by dividing your total points earned by the total points possible. I will distribute averages periodically and you should compare this to the average you have computed. This eliminates the need for you to come in and find out what your grade is, unless there is a discrepancy between our averages. (see departmental syllabus for letter grade assignments).

**Notes on homework:**

- **Homework should be completed before class every day (except test days).**
  Your homework grade will be assigned in one of three ways: Boardwork/Quizzes/Graded homework.
- A student who arrives late, leaves early or does not attend will not be able to earn points for work completed when they are not in class. These points are earned in class on a particular day at a particular time.
- Please note that boardwork/quiz/homework points may not be made up under any circumstances, whether excused or unexcused.
- **You can not turn in homework late.**
- However, you can miss 20 points during the semester without penalty.

**Grading**

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 - 100%</td>
<td>A</td>
</tr>
<tr>
<td>80 – 89%</td>
<td>B</td>
</tr>
<tr>
<td>70 – 79%</td>
<td>C</td>
</tr>
<tr>
<td>60 -69%</td>
<td>D</td>
</tr>
<tr>
<td>Below 60%</td>
<td>F</td>
</tr>
</tbody>
</table>

Academic dishonesty will result in a course grade of F.

**Academic Honesty Policy**

Students are expected to be honorable and observe standards of conduct appropriate to a community of scholars. Incidents of possible student academic dishonesty will be addressed in accordance with the guidelines found in the following link:

http://www.una.edu/student-conduct/policies-and-procedures/academic-honesty.html
Accommodation Statement

In accordance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973, the University offers reasonable accommodations to students with eligible documented learning, physical and/or psychological disabilities. Under Title II of the Americans with Disabilities Act (ADA) of 1990, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Amendment Act of 2008, a disability is defined as a physical or mental impairment that substantially limits one or more major life activities as compared to an average person in the population. It is the responsibility of the student to contact Disability Support Services to initiate the process to develop an accommodation plan. This accommodation plan will not be applied retroactively. Appropriate, reasonable accommodations will be made to allow each student to meet course requirements, but no fundamental or substantial alteration of academic standards will be made. Students needing assistance should contact Disability Support Services (256-765-4214).