Math 226: Geometry and Measurement, Spring 2019
Section 1: Mon-Thurs, 1:00 – 1:50, Samuelson 115

Professor Peter Klosterman
Samuelson 229A,   peter.klosterman@cwu.edu
Office Hours: Mon – Fri 10:00 – 11:00 *(If you have a conflict with this time, email or talk to me)*

Text: None. Your in-class notes and worksheets will be sufficient for this class.

Course Description: This course is designed for students who plan to teach at the elementary or middle grades level and who have declared education as their major course of study. The course is an intuitive approach to elementary-level geometry. Topics will include lines and angles, polygons, measurement, area and perimeter, polyhedral, surface area, volume, and transformations. This is a *content* course.

Grade Category	% of Final Grade
Homework	18%
In-class Worksheets	18%
2 Midterm Exams	40%
Final Exam	24%

The following grading scale will be used:

A	93-100%	C	73-78
A-	90-93	C-	70-73
B+	87-90	D+	67-70
B	83-87	D	60-67
B-	80-83	F	0-60
C+	77-80		

Exams: There will be 2 midterm exams throughout the quarter, tentatively scheduled for weeks 4 and 8. Final exam is <u>Thursday, June 6th, noon – 2:00 PM</u>. All exams are closed book. A non-graphing calculator may be used. At the end of the quarter, your midterm exam percentage will contribute 40% towards your overall final grade. The final exam will contribute 24% towards your overall final grade.
NOTE: Makeup Exams will be given only for legitimate *documentable* reasons. If, for some legitimate reason, you cannot make it to one of the exams, please contact me *before* the exam.

Homework Sets will be posted during the week on Canvas, and collected the following Tuesday. You are responsible for doing your own homework, but it is appropriate and often advantageous to work with a study partner or a small study group. Show enough work so that your reasoning is obvious. **Late homework is not accepted,** so if you aren't done by Tuesday, turn in whatever you have done for partial credit. Each homework set is worth 10 points. At the end of the quarter, your lowest set will be dropped. Your remaining homework percentage will contribute 18% towards your final overall grade.

In-class worksheets will be collected and graded based on completion. These can't be made up—you must be present that day in class to get credit. Not every worksheet we do will be collected. I will announce that day in class whether a worksheet will be collected or not. Shorter worksheets are worth 5 points while longer ones may be worth 10 points. At the end of the quarter, your lowest 3 worksheets will be dropped. Your remaining worksheet percentage will contribute 18% towards your final overall grade.

http://canvas.cwu.edu (the CWU Canvas website) will have course information, powerpoint slides, class activities, HW sets, exam info, grades, and other miscellaneous information.

Disruptive classroom conduct will not be tolerated. I encourage you to work together on in-class problems when you are given time to do so, but expect you to not distract your tuition-paying peers when I am addressing the class. Repeated disruptive and/or distracting in-class behavior will receive an official warning. If the behavior persists after this, you may receive a deduction of up to 5% of your end-of-course grade.

Cheating will not be tolerated. Cheating will result in a zero grade for the exam and possibly a failing grade for the course. See the CWU Academic Dishonesty statement for more info: https://www.cwu.edu/resources-reports/cwup-5-90-0104-academic-dishonesty

Students with disabilities who wish to arrange for academic adjustments in this class are encouraged to provide me with a copy of their Confirmation of Eligibility for Academic Adjustments and meet with me as soon as possible to discuss their needs and the manner in which their accommodations will be delivered.

Sexual Harassment is not tolerated. You are entitled to a safe and inclusive learning environment where you are treated with dignity and respect. Title IX considers sexual harassment to be a form of discrimination. If you experience sexual harassment, or know someone who is being sexually harassed, you are encouraged to report concerns to me, another faculty member or employee, or to Gail Farmer, Equal Opportunity, at 509-963-2206, farmer@cwu.edu, Bouillon 205. Complete policies are available online at www.cwu.edu/hr.

Other Helpful Information:

- http://www.cwu.edu/learning-commons/university-math-center has information about the University Math Center (Brooks Library 190), where free math tutoring is available.
- Don't be afraid to stop by office hours if you have questions. It is my goal to see you succeed in this class!
- Mark the final exam on your calendar right away so you don't make vacations plans before you're done with the quarter

Order of Topics
Lines and Angles
Polygons
Measurement
Area and Perimeter
Polyhedra, Surface Area, Volume
Triangles (in-depth)
Motion and Change