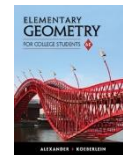


Professor: Peter Klosterman
Office: Samuelson 229A
Email: peter.klosterman@cwu.edu
Office Hours: Via Skype (Skype Username: peter.klosterman) *If you'd like to schedule an appointment, visit: <http://peterklosterman.youcanbook.me>*

Materials: *Elementary Geometry for College Students (6th Edition)* by Alexander and Koeberlein
 ISBN-13: 978-1-285-19569-8

(Note that there is a newer edition of the textbook, the 7th edition. We are using the 6th edition because it is cheaper)

Also, you will need a ruler and compass for constructions!



Course Topics:

This course includes an exploration of plane, coordinate, and transformational geometry. Students will develop an understanding of mathematical structure, method, and application while exploring topics such as axiomatic systems, constructions, and transformations. The course is designed to help students pass the geometry portion of the NES Exam and prepare them to be comfortable teaching middle-level geometry.

Grading:

Written HW Sets (9 @ 5 pts ea)	45 pts
Participation (5 pts per week, 9 weeks)	45 pts
Geogebra Assignments (6 @ 10 pts ea)	60 pts
Questionnaire	5 pts
Syllabus Quiz	8 pts
2 midterm exams	200 pts
Final exam	150 pts
Total Possible:	513 pts

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 spaced evenly throughout the quarter, as well as a final exam. Midterm exams will be posted on canvas and due 75 minutes later. You are responsible for printing out the exam, completing it, and scanning/emailing it back to me. Exams are open-note and calculators are allowed. Makeup exams will be given only for legitimate *documentable* reasons. If, for some legitimate reason, you cannot complete an exam on the day it is given, please contact me *ahead of time*.

Homework Sets:

Each week, a written homework assignment will be posted on Canvas and will be due the following Tuesday. These problems will come from the textbook. 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. You will scan the HW and submit it via Canvas.

Geogebra Assignments:

Geogebra is a free online geometry app. Geogebra Assignments will require you to create a Geogebra activity and then email the link for your activity to cwu.mathematics@gmail.com.

Participation:

Your participation credit will be given on a weekly basis and will come from working through the online materials by the due dates, and the quality of worksheets that you submit. If you complete all of the online worksheets by the due dates and do a quality job with them, you will get full participation credit for that week. If you fall behind with the online materials, or submit subpar-quality worksheets, then you will receive half or no participation credit for that week.

Structure of the Course:

Video lectures and worksheets will be uploaded to Canvas once or twice a week. These are asynchronous—you can complete them at whatever time is convenient for you (you don't have to be logged into Canvas at an exact time). However, you must complete these by the deadlines each week to get full participation credit for that week. The exams in this course will be synchronous—you must complete them within a certain, narrow time window.

When you scan HW Sets, Worksheets, or Exams back to me, they must be sent as a single PDF document. If you don't have a traditional scanner, there are several free apps for your phone that can convert pictures into a single PDF document. Try Microsoft Office Lens or Adobe Scan.

Ways to Get Additional Help:

- Office hours. Don't be afraid to book a Skype office hour appointment at <http://peterklosterman.youcanbook.me> I'm here to help you.
 - Khan Academy. <https://www.khanacademy.org/math/geometry-home> They have lots of helpful geometry videos that may be just what you need.
 - CWU Tutoring. CWU offers free math tutoring. Normally, it would be in the library but this quarter it's all online. To book a free appointment with a tutor, visit: <https://www.cwu.edu/academic-success/schedule-appointment>
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Official CWU Policies:

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>

Accommodations are available for students with disabilities. Students 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. Reasonable accommodations are also available for students who, due to the observance of religious holidays, expect to be absent or endure a significant hardship during certain days of the course or program. To receive accommodations for religious holidays, please contact me within the first 2 weeks of the quarter.

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 Staci Sleigh-Layman, Title IX Coordinator, at 509-963-1256, staci@cwu.edu. For more information about CWU's sexual harassment policies, refer to <https://www.cwu.edu/hr/reporting-sexual-misconduct>.