

**Professor Peter Klosterman**

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Office Hours: Mon – Fri 1:00 – 2:00 PM (*if you have a class at this time, feel free to email me and we'll figure something out*)

**Text:** *Explorations in Elementary Mathematical Concepts* by Willard and Shiver, ISBN: 9781465251190.

**Course Topics:** Structure of the real number system. Properties of and operations on integers, rationals, decimal representation, percentages, proportion, graphing, and elementary problem solving. The goal of this course is to make sure pre-service teachers have a deep understanding of concepts taught in elementary school mathematics.

**Exams:** Midterm exams are October 6<sup>th</sup>, October 27<sup>th</sup>, and November 17<sup>th</sup> in class. Final exam is Friday, December 8<sup>th</sup>, noon – 2:00 PM. All exams are closed book, no calculator. Your final exam score can be used to replace your lowest midterm score (if it is beneficial to do so).

**Makeup Exams** will be given only in extreme cases for legitimate *documentable* reasons. If, for some legitimate reasons, you cannot make it to one of the exams, please contact the instructor *before* the exam.

**Grading:**

Homework (9 @ 15 points)	135 pts
Participation	20 pts
3 midterm exams	300 pts
<u>Final exam</u>	<u>150 pts</u>
Total Possible:	605 pts

The following grading scale will be used:

A	92-100%	C	72-78
A-	90-92	C-	70-72
B+	88-90	D+	68-70
B	82-88	D	60-68
B-	80-82	F	0-60
C+	78-80		

**Homework** will be posted on the class Canvas site and collected the following Friday. 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. **No late homework.** If you need help on homework, you are responsible for seeking it out before the due date.

**Participation** points come from attendance, being on-time, and being engaged during class doing the in-class problems and activities.

<http://canvas.cwu.edu> (the CWU Canvas website) will have course information, homework assignments, exam info, and other miscellaneous information. Look under the “files” tab.

**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.

### Other Helpful Information:

- <http://www.cwu.edu/learning-commons/university-math-center> has information about the University Math Center (Brooks Library 190). This is a place to start if you're looking for extra help.
- Don't be afraid to stop by office hours if something isn't making sense
- I'll post grades on Canvas (<http://canvas.cwu.edu>).
- Mark the final exam on your calendar right away so you don't make vacations plans before you're done with the quarter

### Tentative Schedule

Week	Topics/Events
1 Sept 20 <sup>th</sup> – 22 <sup>th</sup>	Intro, mindset, ancient number systems
2 Sept 25 <sup>th</sup> – 29 <sup>th</sup>	Base-10, the real number system
3 Oct 2 <sup>nd</sup> – 6 <sup>th</sup>	Fractions <b>Exam 1</b> Fri (Oct 6 <sup>th</sup> )
4 Oct 9 <sup>th</sup> – 13 <sup>th</sup>	Fractions/Addition
5 Oct 16 <sup>th</sup> – 20 <sup>th</sup>	Addition
6 Oct 23 <sup>rd</sup> – 27 <sup>th</sup>	Subtraction <b>Exam 2</b> Fri (Oct 27 <sup>th</sup> )
7 Oct 30 <sup>th</sup> – 3 <sup>rd</sup>	Subtraction
8 Nov 6 <sup>th</sup> – 10 <sup>th</sup>	Multiplication No class Fri (Veteran's Day)
9 Nov 13 <sup>th</sup> – 17 <sup>th</sup>	Multiplication <b>Exam 3</b> Fri (Nov 17 <sup>th</sup> )
10 Nov 20 <sup>th</sup> – 24 <sup>th</sup>	Division No class Wed – Fri (Thanks. Break)
11 Nov 27 <sup>th</sup> – Dec 1 <sup>st</sup>	Division, Review for Final
<b>Comprehensive Final Exam, Friday, Dec 8<sup>th</sup>, noon – 2:00 PM</b>	