

Professor Peter Klosterman

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Office Hours: Mon – Fri 11:00 – noon (if you have a conflict with this time, email or talk to me)

Text: *Discrete Mathematics with Applications (4th Ed.)*, by Susanna Epp.

Course Topics: Discrete Math is a mixture of topics including formal logic, quantifiers, proof, induction, combinatorics (counting), recursion, modular arithmetic, and graph theory.

Exams: Midterm exams are tentatively planned for weeks 4 and 8 in the quarter, but could be subject to change. Final exam is Wednesday, December 11th, 8:00 – 10:00 AM. Graphing calculators are allowed on exams.

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 (best 8 @ 12 pts)	96 pts
Questionnaire	5 pts
Midterm exams	200 pts
<u>Final exam</u>	<u>150 pts</u>
Total Possible:	451 pts

The following grading scale will be used:

A	93-100%	C	73-77
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		

Homework Sets will be posted/updated throughout the week on the class Canvas site and due the Monday of the following week by 5 PM. Each set will be graded on completion—completing all the problems and showing appropriate supporting work. Non-stapled sets will receive a 1 point deduction. Late homework is not accepted—submit whatever you have by 5 PM on Monday.

Disruptive classroom conduct will not be tolerated. When I give you time to work on problems in-class, I encourage you to work together, but expect you to not distract others 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 grade deduction of up to 5% of your overall grade at the end of the quarter.

<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>

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.

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>.

Other Helpful Information:

- Don't be afraid to stop by office hours if something isn't making sense. It's my goal to see you succeed!
- Ask questions! Successful students frequently ask questions, either in class or out of it.
- Mark the final exam on your calendar right away so you don't make vacation plans before you're done with the quarter

List of Topics

Logic, conditional statements, arguments, circuits (Chapter 2)

Logic and quantified statements (Chapter 3)

Sequences and induction (Chapter 5)

Modular arithmetic (Section 8.4)

Counting and probability (Chapter 9)

Graph theory (Chapter 10)