

Professor: Peter Klosterman
Office: Samuelson 229B
Email: peter.klosterman@cwu.edu
Office Hours: M – Thu 10 – 11 AM

If this time doesn't work, feel free to email or talk to me in-person to arrange a different time

Textbook: *Discrete Mathematics with Applications (5th Ed.)*, by Susanna Epp
 You should have access to the etext on day one because of the Inclusive Access program

Course Topics: Discrete Math will focus on four broad topics:

1. Counting and Probability (multiplication/addition rules, pigeonhole principle, permutations, combinations, Binomial Theorem, expected value, conditional probability)
2. Recursion (sigma notation, recursive sequences, arithmetic/geometric sequences)
3. Formal Logic (compound/conditional statements, valid/invalid arguments, negations, logic circuits, different bases)
4. Graph Theory (walks, trails, circuits, Euler/Hamiltonian circuits, trees, traveling salesman problems, minimum spanning trees, greedy algorithms)

Grading:

In-class participation	15 %
HW Sets	20 %
2 midterm exams	40 %
Final exam	25 %
Total:	100 %

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		

In-class participation:

Attendance and participation is a significant part of any class. You will often be working on problems, either on worksheets or from the board. Sharing your reasoning with those around you and listening to others' thinking is a crucial part of your preparation for future teaching. Attendance and tardiness will be noted every class. You are allowed two unexcused absences. Every unexcused absence after that will negatively affect your "In-Class Participation" credit. For full participation credit, you must regularly contribute to class discussion by responding to questions, sharing your thoughts, and working on problems with your group when given time. Loss of participation credit can come from: disengaging from classroom activities (e.g. browsing on your phone), disruptive classroom conduct (e.g. side conversations, distracting your peers), tardiness, or never interacting with your group when given time to work problems. Participation scores will be updated on Canvas every two weeks.

Homework:

Homework sets will be posted each week on Canvas and due the Monday of the following week by 5 PM. Homework problems will come from our textbook. Each set will be worth 10 points and will be graded on

completion—completing all the problems and showing appropriate supporting work and explaining reasoning. Non-stapled sets will receive a 1 point deduction. Late homework is not accepted—submit whatever you have by 5 PM on Monday. Extensions will only be given for situations beyond your control and not for poor planning.

Exams:

There will be 2 midterm exams spaced evenly throughout the quarter, tentatively planned for weeks 4 and 7. Final exam is Wednesday, Dec 7th from 8:00– 10:00 AM. All exams are closed book and closed notes. Calculators, including graphing calculators, are allowed on exams. 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 *ahead of time*.

Other FAQ:

- I check and respond to emails within normal work hours. If you email on the weekend, I won't see it until Monday morning. If you email after 4 PM on weekday, I probably won't respond until the following day.
 - If you are feeling behind or overwhelmed with the material, please don't wait until Week 9 or 10 of the quarter to talk to me. Talking to me earlier in the quarter means we still have time to formulate a plan to help you catch up and master the material. I appreciate and respect students who take the initiative to seek out help.
-

Official CWU Policies:

Cheating will not be tolerated. Cheating will result in a zero grade for the exam or 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>.