

Instructor: Anna Haensch
Email: haenscha@duq.edu
Office: 418 College Hall

Meeting times: T,H 1:40-2:55, 223 College Hall
Office Hours: T,Th 11:00-1:00, and by appt.

Course

The goal of *Math 135: Discrete Math*, is to develop an understanding of discrete structures as they apply to mathematics and computer science, and to learn basic logic and proof techniques. Topics covered will include sets, functions, sequences, sums, induction, recursion, counting techniques, discrete probability, and relations.

Supplies

The text for this course is *Discrete Mathematics and its Applications*, 7th ed., K. Rosen. A calculator will not be necessary, but should you wish to use one, it must be non-scientific and non-graphing.

Grading

Quizzes	30%	90-100%	A
Exam 1	20%	80-89%	B
Exam 2	20%	70-79%	C
Final Exam	30%	60-69%	D
		below 60%	F

*Note: I will give \pm grades accordingly.
 If in doubt, please come and ask me.*

- **Quizzes:** Each week I will assign of a list of recommended homework problems. I will not collect these, but there will be a short quiz every second Thursday at the end of class, and the questions will come from the recommended homework. There will be **absolutely no make-ups for missed quizzes**, but I will drop the lowest quiz grade.
- **Exams:** Exams 1 and 2 will be scheduled one-third and two-thirds into the semester, respectively. The final exam will be on Wednesday December 9, 11:00-1:00.

Tips for Success

- **My Office Hours:** If you're feeling lost, please come see me in office hours. I'm always happy to help, whether you want to ask me questions from class, or just sit outside my office working on homework.
- **Tutoring Center:** The math department runs a tutoring center staffed by upper-level math majors. These sessions are one-on-one, and first come first serve, and best of all, free! The sign up sheet is in 439 College Hall (that's the computer lab next to the math department office). You can set it up on your own, or I can help you.
- **Speak Up!:** The best thing you can do when you feel overwhelmed is ask a question. I structure my course to give you plenty of time to ask questions during class and I hope that you will feel encouraged to do so.

Course Policies

- **Cell Phones:** The use of cell phones is strictly forbidden in Math 135.
- **Academic Integrity:** You are encouraged to work together, but any work you submit should be your own. Any cheating in the form of copying, plagiarizing, or allowing others to do so, will be grounds for receiving an F in the course.
- **Disabilities:** It is the policy of Duquesne University to provide reasonable accommodations to students with documented disabilities. If you require accommodations in this class, please contact the Office of Freshman Development and Special Student Services in 309 Duquesne Union (412-396-6657) as soon as possible.