

**Math 2200-002/Discrete Mathematics
Fall 2019 Syllabus**

Course webpage: www.math.utah.edu/~bertram/2200 and Canvas

Class meets: MWF 8:35-9:25 in LCB 215

Instructor: Aaron Bertram Office: JWB 302

Email: bertram@math.utah.edu

Office Hours: TBA

Prerequisites: $\geq C$ in \geq Calc II or a 5 on the AP Calc BC exam.

Text: Discrete Mathematics and its Applications by K. H. Rosen, 7th Edition, ISBN 9780073383095.

Course Description. We'll begin with mathematical logic and proofs. Topics in discrete mathematics will follow, including sets and relations, functions, congruences, induction, counting, probability, graph theory and trees. We will finish with a discussion of algorithms and algorithmic reasoning (time permitting). This is the content of the core sections of the text, as listed in the left column of the table on page xiii.

Homework: Weekly homework assignments, collected on Wednesday.

You will be able to drop your three lowest homework assignments.

Midterms: Two midterms, in class.

1st Midterm: Friday, September 27

2nd Midterm: Friday, November 15

Cumulative Final Exam: Wednesday, December 11, 8-10 AM

Grading: 30% Homework, $2 \times 20\%$ midterms, 30% final.

ADA Statement: The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability and Access, 162 Olpin Union Building, 581-5020 (V/TDD). CDA will work with you and the instructor to make arrangements for accommodations. All information in this course can be made available in alternative format with prior notification to the Center for Disability and Access.

Tutoring: The Rushing Math Center offers free drop-in tutoring, a computer lab, and study areas for undergraduates. The Rushing Student Center is adjacent to the LCB and JWB buildings.

Disclaimer: Any modifications will be updated on the webpage.

Campus Safety. The University of Utah values the safety of all campus community members. To report suspicious activity or to request a courtesy escort, call campus police at 801-585-COPS (801-585-2677). You will receive important emergency alerts and safety messages regarding campus safety via text message. For more information regarding safety and to view available training resources, including helpful videos, visit safeu.utah.edu