

Syllabus: Math 1660 Discrete Mathematics, Spring 2017

- Course** Math 1660 section 2 meets MWF 1:10-2:00 in RH 202
Course web page <http://math.slu.edu/~clair/discrete>
- Instructor** Dr. Bryan Clair
bryan@slu.edu
Ritter Hall 109, 977-3043
- Office Hours** M 2:10-3, W 10-11, Th 11-12, or by appointment.
Stop by my office anytime, and if I'm around I can usually help you.
- Textbook** *Discrete Mathematics and Its Applications*, 7ed, Rosen.
- Homework** Homework assignments will be due weekly, usually on Fridays. Your work should be neat and legible, with plenty of blank space on your pages so I have room to write comments. Staple your homework!
I encourage you to work together on homework, but everyone should write up results separately. You should also feel free to check your homework by looking at solutions in the book, when available.
Late homework is always accepted for half credit, but I will not write comments.
- Exams** I give makeup exams only for severe and *documented* reasons.
Exam 1 Wednesday, February 22
Exam 2 Friday, March 31
Final Exam Monday, May 15, 12:00-1:50
There will also be a few quizzes during the semester.
- Grading** Grading is on a straight scale (uncurved), with 90%,80%,70%,60% guaranteeing A,B,C,D respectively. Grading is weighted as follows:
Homework: 35%
Quizzes: 10%
Exam 1: 15%
Exam 2: 15%
Final Exam: 25%
- Course Topics** The amounts of time are only approximate.
Logic and proof techniques. Ch 1. 2 weeks.
Sets and functions. Ch 2. 1.5 weeks.
Algorithms Ch 3. 1.5 weeks.
Induction and recursion. Ch 5. 2 weeks.
Counting and probability. Ch 6,7. 2 weeks.
Recurrence relations. Ch 8. 1.5 weeks.
Number theory. Ch 4. 1.5 weeks.
Graphs and trees. Ch 10,11. 1.5 weeks.

Honesty Students are expected to be honest in their academic work, as per the Honesty Policy of the College of Arts & Sciences, available on the internet at

<http://www.slu.edu/college-of-arts-and-sciences-home/undergraduate-education/academic-honesty>

You are allowed to use any and all outside resources to help you complete your homework. Students who work together must write up results separately.

For exams and quizzes, no notes or outside help is allowed. In cases when two or more students collaborate on an exam, all will be subject to penalties.

Disabilities In recognition that people learn in a variety of ways and that learning is influenced by multiple factors (e.g., prior experience, study skills, learning disability), resources to support student success are available on campus. Students who think they might benefit from these resources can find out more about Course-level support (e.g., faculty member, departmental resources, etc.) by asking your course instructor. University-level support (e.g., tutoring/writing services, Disability Services) by visiting the Student Success Center (BSC 331) or by going to <http://www.slu.edu/success>. Students who believe that, due to a disability, they could benefit from academic accommodations are encouraged to contact Disability Services at 314-977-8885 or visit the Student Success Center. Confidentiality will be observed in all inquiries. Course instructors support student accommodation requests when an approved letter from Disability Services has been received and when students discuss these accommodations with the instructor after receipt of the approved letter.