

Math 3200  
TR 9:00–10:20  
LART 220

DISCRETE MATH  
Syllabus

Spring 1995

Instructor: **Dr. Art Duval**  
office: **Bell Hall 303**

phone: **747-6846**/office (24hrs./day; if I'm not in, please leave a message)  
**584-7792**/home (9am-9pm only, please)

Office hours: **Mon 2-3, Tue 11-12, Wed 9-10, Thu 12:30-1:30**. Please feel free to come by any time during scheduled office hours. You are welcome to come at other times, but in that case, you might want to make an appointment, just to make sure that I will be there then. You can make an appointment simply by talking to me before or after class, or by calling me at my office or at home.

Textbook: **Jackson and Thoro, Applied Combinatorics with Problem Solving,**

Chs. 1,2,3,5,6,4,10,8. We will skip sections 3.3, 10.2, and probably 8.3, and cover the remaining sections, at approximately the rate of one section per lecture (see assignment sheet for details).

GRADES:

(Group) Homework (11.1%) Homework from the textbook will be assigned daily (see assignment sheet for details). There will be both required (turn in to be graded, working in groups) and suggested (don't turn in) problems. You are expected to do the homework as it is assigned; we will discuss the suggested problems at the next class session. Bring your questions!

The required homework will be due on most Thursdays, at the *beginning* of class. **NO LATE HOMEWORKS!** (Incomplete homeworks *will* be accepted, though.) Everyone in the group will receive the same score. The two lowest scores will be dropped.

Groups should consist of four or five people each; you may pick groups any way you like, and may make changes during the semester, as long as you notify me.

You are encouraged to come ask me for help on the homework; it would be best if several members of the group could come for help at the same time, but it's all right if only one member can.

Tests (11.1% each) There will be four in-class tests on the following days:  
NO MAKE-UP TESTS (except in EXTRAORDINARY circumstances and with advance notice), but see "Exception" below.

Secs. 1.1–2.3	Thu	9 Feb.
Chs. 2,3	Thu	2 Mar.
Ch. 5	Thu	30 Mar.
Chs. 4,6,10	Thu	27 Apr.

Final (33.3%) comprehensive Fri 5 May, 10:00 a.m.–12:45 p.m.

Project (11.1%) You will have to complete an in-depth project. It could be a "Supplementary Computer Project" from the textbook, a series of harder exercises from the textbook, or something else equally serious. You will need to discuss your project with me, and have a proposal approved by Tue 28 Mar; the project itself will be due by Tue 25 Apr. See also the separate handout.

Scale    A 90%        B 80%        C 70%        D 60%

Exception The final exam score will be used in place of the lowest in-class test score, if this increases the overall class average.

Drop policy: The deadline for student initiated drops with an automatic W is Fri. Feb. 24. From then until Fri. Apr. 7, you can drop the course by consulting me. Through Tue. Mar. 7 (when the second test is returned), I will give an automatic W. After that time, to drop with a W requires a D average on the tests taken to that point, but I will also drop you with a W, even if your average is below a D, if you discuss your situation with me immediately after the test that brings your average below a D.