Math 3200   **DISCRETE MATH**   Spring 1994
TR 9:00–10:20   **Syllabus**
GRAH 110

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: **TR 11:30–12:30, W 11-1**. Please feel free to come by any time during scheduled office hours. If you cannot come at these times, simply make an appointment with me for some time that is more convenient for you. You can make an appointment 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. 1,2,3,5,4,6,10,8. 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).

Homework: Recommended homework from the textbook will be assigned daily. You are expected to do the homework as it is assigned; we will discuss those problems that you found difficult at the next class session. Bring your questions! You do not need to turn in your work, but you will be quizzed on the homework on a regular basis (see below). You are encouraged to work together on homework.

GRADES:

  Quizzes (11.1%) Every Thursday (except on weeks when there is a test) there will be a 5 or 10-minute quiz consisting of 1 or 2 questions similar to recent homework problems. Missed quizzes CANNOT be made up, but the lowest 2 scores will be dropped.

  Tests (11.1% each) There will be four in-class tests on the following days:

Secs. 1.1–2.2	Thu	3 Feb.	(Introduction)
Chs. 2,3	Thu	3 Mar.	(Combinatorics)
Ch. 5	Thu	31 Mar.	(Graphs)
Chs. 4,6,10	Thu	28 Apr.	(Algorithms)

    NO MAKE-UP TESTS (except in EXTRAORDINARY circumstances and with advance notice).

  Final (33.3%) comprehensive Fri 6 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 the middle of the semester; the project itself will be due by the end of the semester. There will be a separate handout describing in more detail what is expected, and the timetable.

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

Important dates:

Student drop date	Fri	25 Feb.
Spring Break (no class)		21–25 Mar.
Faculty drop date	Fri	8 Apr.
last class date	Tue	3 May
Final Exam	Fri	6 May