MATH 2113/CSCI 2113, Discrete Structures II
Winter 2008
Toby Kenney

Instructor:	Toby Kenney
	Department of Mathematics and Statistics
	Chase Building, Room 253
	email: tkenney@mathstat.dal.ca

Course Website:	www.mathstat.dal.ca/˜tkenney/211308.html
Office Hours:	Monday 2:00-3:00, Tuesday 10:00-11:00, Thursday 3:00-4:00
Lectures:	MWF 12:35-1:25 C244
Topics:	Combinatorics, Probability, Graph theory
Textbook:	S. S. Epp *Discrete Mathematics with Applications* 3rd Edition

Course Work and method of assessment

There will be a midterm exam and a final exam. The time, date and location of the midterm exam will be announced at least 2 weeks before midterm. There will also be weekly homework assignments, which must be handed in each Wednesday in the lecture. No credit will be given for late homework. When the homework is handed in, I will give out a sheet of model solutions. For some questions, I may give out a hint, rather than a complete model solution. Revised answers to these questions may be submitted with the following week's homework.

Grades will be determined by performance in the exams and the weekly homeworks. The midterm exam counts for 30%, the final counts for 55%, while the homework counts for the remaining 15%. The overall homework score will be the average of the best nine assignments. (Out of ten – if it turns out that there are more or fewer than ten homework assignments, the best $n-1$ will count, where n is the number of assignments.) You must pass the final exam to obtain a passing grade in the course. Percentages are converted to lettered grades using the following modified scale:

A+	A	A−	B+	B	B−	C+	C	C−	D	F
87-100	82-87	75-82	70-75	65-70	60-65	57-60	53-57	50-53	45-50	< 45

Sections of the text covered

We will cover the combinatorics and probability in Chapter 6, We will also cover the pigeon-hole principle (and generalised pigeon-hole principle) from Chapter 7.3, We will also give some examples where things can be counted by recursion (see Chapter 8). If there is time, we may also cover some related topics, such as generating functions. We will then move on to study graphs in Chapter 11.

Students with disabilities

Students with disabilities are encouraged to register as quickly as possible at the Student Accessibility Services if they want to receive academic accommodations. To do so, plese 'phone 494-2836, email access@dal.ca, drop in at the Killam, G28, or visit our website at www.studentaccessibility.dal.ca.

Plagiarism

Plagiarism is a serious academic offense which may lead to loss of credit, suspension or expulsion from the university. Please read the Policy on Intellectual Honesty contained in the Calendar or on the Dalhousie web site at: http://www.registrar.dal.ca/calendar/ug/UREG.htm#12.