MAT 2348   Discrete Mathematics   Winter 2012

Instructor: Dr. Catalin Rada
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Website: http://mysite.science.uottawa.ca/crada102/index.html or www.mathstat.uottawa.ca/~crada292
(Note: the website is very important to the course - students are expected to be aware of all material
and announcements posted there.)
Office Hours: Mon 10:00—11:00. Other times may be arranged by appointment.

Text: *Discrete and combinatorial mathematics* by Ralph P. Grimaldi, 5th Edition.

Lectures: MON 8:30 - 10:00 and THU 10:00 - 11:30 in MCD 121

Quick review of: sets, functions, relations, induction, basic counting techniques. An in-depth
treatment of recurrence relations, generating functions, and principle of inclusion-exclusion. As-
pects of graph theory.

Prerequisites: MAT1341 and one of: MAT1348, MAT1325, MAT2362 or MAT2141

Midterm Tests: There is one 80 minute midterm test, written during the lecture period:
Test February 16th

Final Examination: The 3 hour final exam will be scheduled during the exam period. It will
cover all of the material of this course.

**Calculation of the final grade: Assignments 10%, Midterm Test 30%,
Final Exam 60%.**
Note: if your final exam mark is below 50%, then your final grade will be **F** regardless of other
marks.

Midterm Test Procedures:
• If a midterm is missed for a valid reason, its percentage weight will be transferred to the final
exam provided you notify your professor by e-mail *before* the test is written and submit a proper
justification (e.g. certificate from UO Health Services) when you return to class.
• Students may not enter after or leave before 20 minutes have passed from the beginning of a
test.
• Students must present their student cards if asked.
• Any attempt at copying is treated as a case of academic fraud, as is the facilitation of copying
by others. Students must take reasonable care to prevent others from copying their work.
• Any questions concerning marks or the marking must be submitted to the professor within two
weeks after the test.

Assignment Procedures:

• The problem sheets for each assignment will posted as a PDF file on the course website.

• Each assignment must be handed in on a *stapled printout* of the problem sheets at the *beginning* of class on the day it is due. *This regulation is strictly enforced* to help insure that the assignments are prepared with the care required, in a format that facilitates the marking. *Be sure to be in class on time* to hand in the assignment. Late assignments will not be accepted under any circumstances.

• Solutions to an assignment will be posted on the course website shortly after it is handed in.