Math 447–547 Combinatorial Mathematics
Spring 2011
MWF 2:00–2:50 in Chavez 103

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Office Hours: Mon 4:00, Wed 1:00 (tutoring in Math 220), Fr 12:00

Text: David R. Mazur, Combinatorics: A Guided Tour
Topics: Basic counting and existence principles, counting sets and functions, the inclusion-
         exclusion principle, generating functions, Pólya’s theory of counting, combinatorial designs
         and error-correcting codes

Hour exams: February 21
             April 1
Final Exam: Friday, May 6, 1:00PM–3:00PM
Missed Exams: Missed exams must be justified in writing before the exam and must
              be approved by the instructor. (In extreme emergency the mathematics office may be
              telephoned before the exam, with the message that a letter is on the way.) Justification
              for missing an exam due to a conflict with another scheduled activity must be submitted
              the first week of classes.
Scores for Missed Exams: A score for a justified missed exam will be assigned based on
                          the average of the other exams. A missed final exam will result in a grade of I or E.
Homework: There will be regular homework assignments. No credit will be given for late
           work, unless it is justified in advance, in writing.
Class participation: Students are expected to attend every class; missed classes must be
                   justified in advance, in writing. The instructor may drop a student who misses class. Class
                   participation is an important part of the grade.
Grading: 2 Hour Exams  200 points
         Homework:      200 points
         Class participation: 200 points
         Final Exam:      200 points
The numerical scores will be converted to letter grades at the end of the semester. The
grading system is that given in the General Catalog (A – Excellent, B – Good, C – Fair,
D – Poor, E – Failure). Higher numerical scores will give the same or higher letter grades.
The actual cutoff points will depend on the general performance of the class and on the
difficulty of the exams. Other possible grades are W (withdrawal passing weeks 5 through
8), WP (complete withdrawal passing), WF (complete withdrawal failing). The last two
are appropriate for complete withdrawal from the University by the last class day.
Withdrawal: February 8  last drop with deletion
            March 8    last drop with W or E
            May 4     last drop with WP or WF if withdrawing from University