

Professor Ehrenborg  
Math 515  
Fall 2011

## Combinatorics

**Instructor:**

Professor Richard Ehrenborg  
Office: Patterson Office Tower 835  
Phone: 7-4090  
e-mail: jrge@ms.uky.edu

**Why:**

This is the first semester course in the Discrete Mathematics prelim sequence.

**Class:**

White Classroom Building 341  
MWF 12:00 – 12:50pm

**Textbook:**

A Course in Combinatorics, second edition, by J. H. van Lint and R. M. Wilson.

**Material:**

Chapters 1, 2, 3, 4, 5, 6, 7, 10 and other fun material.

**Office Hours:**

To be announced. Also by appointment.

**Homepage:**

If there are any links on the web related to the course they will be posted at:  
<http://www.ms.uky.edu/~jrge/515/>

**Homework:**

One homework problem will be posed during each lecture and is due two lectures from it the problem was posed. No late homework will be accepted. Solutions should be written in complete sentences using correct English grammar and spelling, such as you would find in a mathematics textbook or journal article.

**Midterm:**

There will be one midterm in class. Approximate date is October 24.

**Final Exam:**

The final exam will be take place on Wednesday, December 14, 2011 from 10:30 am to 12:30 pm. The final exam is cumulative.

**Grading:**

50% Homework  
25% Midterm  
25% Final Exam

**Absences:**

Unexcused absences from class lectures will have a negative effect on your overall course grade.