

# MATH 450 COMBINATORICS

## Course Outline

Fall 2008

Instructor: Dr. Iliya Bluskov

Office: 10-2030

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Course Web Page: <http://web.unbc.ca/~bluskovi/teaching/math450>

Lectures: MWF 12:30-13:20, 10-4560

Office Hours: MWF 15:00-16:00

Prerequisites: Math 220 (Recommended: CPSC 141, CPSC 142, Math 224)

Textbook: Introductory Combinatorics by Kenneth P. Bogart (Third edition).

**Course Materials:** Course Notes will be placed in the copy store. Some additional materials and homework assignments will be distributed in class. No late assignments will be accepted. Solutions will be distributed immediately after the due date.

**Course Content:** Enumeration, Principle of Inclusion and Exclusion, Generating functions, Ramsey theory, Combinatorial structures.

### Evaluation:

Presentation	5%
Assignments:	15%
Midterm (Fri, Oct 17):	30%
Final Exam:	50%