

MATH 366 SYLLABUS

Spring 2009

LECTURER: Tim Carlson

OFFICE: MW 740 (Math Tower)

OFFICE HOURS: 12:30-1:18 MWF

TEXT: *Discrete Mathematics with Applications* (third edition) by Susanna S. Epp.

COURSE WEBPAGE: link at <http://www.math.ohio-state.edu/~carlson/>

GRADER: Jose Cervantes

GRADER'S OFFICE: MW 222

TOPICS: In this course you will become familiar with the basic objects of discrete mathematics: natural numbers, sequences, sets, functions, and relations. You will learn important facts about these objects. In addition, and of equal importance, you will begin to learn how to describe why various facts are true i.e. you will learn the rudiments of writing proofs.

STUDYING: You should read completely all sections discussed in class. There won't be time to cover everything in the text in the lectures. Also, you should work through lots of problems. For each section, you should work through problems in each "block" until you feel confident you understand the methods being used. The exercises with numbers in bold blue have solutions in the back of the text, so you might want to focus on those.

GRADES: Your grade will be based on the total points you earn in homework assignments, exams during the quarter and the final exam. Participation in class may weigh in favorably in borderline cases. See the course calendar for exam dates and tentative lecture topics.

There will be roughly a homework assignment for each lecture (no assignments on exam days or review days). Each homework assignment will be worth 6 points and you will be allowed to drop your lowest three homework grades. This means there will be approximately 132 points for homework.

Generally, homework assigned on Monday will be due the next Thursday, homework assigned on Wednesday will be due the next Monday and homework assigned on Friday will be due the next Tuesday. You will turn your homework in to our grader by 3:30 pm on the due date. Put your homework in the envelope outside his door which has "366 Carlson" written on it.

There will be two exams during the quarter worth 100 points each. The final exam is worth 200 points. The maximum number of points possible is approximately 532. All exams, including the final, which will be held **Thursday, June 11 at 11:30am-1:18pm**, will take place in the lecture room.

TUTORING: The MSLC provides free tutoring for 366 in CH 138. Go to the MSLC homepage at www.mslc.ohio-state.edu for details.