

Course Outline: Math 8310, Spring 2010

The web page for this course can be found at <http://livetoad.org/>. Please check there frequently for announcements, changes, due dates, solutions, scores, and other goodies.

<i>ML King Day</i>	Mon	18	Jan
Exam 1	Thu	4	Mar
<i>Spring Break</i>	Mon–Fri	8–12	Mar
<i>Last Day to Withdraw</i>	Fri	26	Mar
Exam 2	Tue	4	May, 12:30–2:30

Introduction

Welcome to Algebra II! This course continues our rigorous, first look at abstract algebra. We will again use Serge Lang's classic *Algebra* (3rd edition, Springer-Verlag). In this semester we will look at groups and their representations, including many applications, and also commutative and homological algebra.

Office hours

My office is UH 4080e. The phone number is 419 530 2975. My email address is simply paul.hewitt, at utoledo.edu. I will be in my office for an hour before and after each class. At these times you can call or stop by without an appointment. I am also available at other times, but for these you must make an appointment. Feel free to ask for appointments at other times if you cannot make it to my regular office hours. If you call me when I am not in my office then you can leave a voice mail message and I will get back to you as soon as I can.

Assignments

There will be an assignment due *at the beginning of class* every Tuesday. The assignments will be posted on the course web site. Each assignment will be worth 20 points. I will count your 10 best scores towards your final grade. I will not accept assignments even 10 minutes late under any circumstances. If you are late to class or miss an assignment then that will be one of the scores you drop.

Before you turn in your homework, fold the papers lengthwise and write on the outside

your name, Math 8310, Spring 2010, assignment number, due date

After you turn in an assignment I will choose one problem for each of you and ask you to go to the board and present your solution,

Plagiarism

Do not turn in work that is not your own. This means you must not copy your solutions from a classmate nor from a book. Copying is cheating. This includes copying from another student or copying from a book. If you turn in work that is not your own then you will get a 0 on that assignment. If it happens a second time you will get an F in the course.

Exams

There will be two exams, each worth 100 points. The exam dates are listed on the calendar above.

I will give make-up exams only in case of a documented exigency, such as illness or a funeral. If you are sick the day of the exam then you must call or email that same day if you expect to be able to make up the exam. Otherwise you must arrange for a make-up exam ahead of time. If I am not in my office then you can leave a voice mail message. If you fail to show up for an exam and do not contact me about it until afterwards then you will not be able to make up that exam and you will get a 0 for that exam.