## Spring Semester 2009 Math 310

Time	:	Mon, Wed, Fri.: 11:30 - 12:20
Place	:	C309 Wells Hall.
Text Book	:	Abstract Algebra, An Introduction by Hungerford
Instructor	:	Manish Kumar
Office	:	A321 Wells Hall. Tel. 517 432 1619.
Email	:	mkumar@math.msu.edu
Office hours	:	Mon 3:00-4:00, Thr 2:00-3:00 and by appointment

Course webpage: http://www.math.msu.edu/~mkumar/teaching.html

## Important dates

Monday - 1/12/09 - Classes Begin

Friday - 1/16/09 - Online open add period for Spring semester ends at 8pm. - Last day to change to CR/NC.

Monday – 1/19/09 – Martin Luther King, Jr. Day. No classes are held. The University is open.

Monday 1/19/09 to Friday 1/23/09 - Students go to Undergraduate office, A212 Wells Hall for Mathematics enrollment changes. (late adds, drop to lower course, section changes)

Friday – 1/23/09 – Last day to late add a course or change sections within a course. Last day to drop to a lower level course.

Friday - 2/06/09 - End of Tuition Refund

Wednesday – 3/04/09 – Middle of Semester, Last day to drop a course without a grade being reported.

Monday 3/09/09 to Friday 03/13/09 – Spring Break – no classes. The University is open.

Friday - 5/01/09 - Last day of classes.

Tentative date for the Exams for this course are: 1<sup>st</sup> Midterm: Mid Feb(100 Points). 2<sup>nd</sup> Midterm: End March (100 pts) FINAL EXAM: To be announced later (200 Points). Homework: Weekly homeworks will be assigned. Each homework will be worth 10 points. No late homeworks will be accepted.

Cutoffs for the final grade will be the following:

4.0 - 90% 3.5 - 84% 3.0 - 78% 2.5 - 70% 2.0 - 64% 1.5 - 58% 1. - 50% 2. This means, in particular, you are assured of a '3.5' if your score is between 84% and 90%. But you may get a higher grade.

NOTE: The University policy concerning academic integrity is covered in the Spartan Life Student Handbook and Resource Guide, General Rules and Regulations. According to the handbook: "No student shall claim or submit the work of another as one's own"

**Course contents:** Modular Arithmetic, Groups, Rings, Polynomial rings, Ideals and quotient rings.