

**Math 2232**

**Intro to Abstract Algebra**

Fall 2015

**Instructor:** Greg Lee **Office:** RB 2005 **Phone:** 346-7867 **Email:** glee@lakeheadu.ca

**Class Times:** MWF 1:30-2:30 in RB 3049

**Office Hours:** Monday and Wednesday, 2:30-3:20

**Text:** *Contemporary Abstract Algebra, 8<sup>th</sup> Edition*, by J.A. Gallian

**Material to be Covered:** This course is an introduction to abstract algebra. The fundamentals of groups and rings will be discussed. We will cover most of the material in Chapters 0-4, 6, 7, 9, 10, 12-15 in Gallian's book. Additional topics may be added if there is extra time.

**Grading Scheme:** Assignments will be distributed on a regular basis (normally one every 1.5 weeks) to be submitted for grading. These will account for 20% of your final grade. Please note that late assignments will not be accepted under any circumstances, but your lowest assignment mark will be dropped in calculating your final grade. There will be one in-class midterm, tentatively set for October 28, which will account for 25% of your final grade. The final exam (which covers the entire course) will be held during the final exam period, as scheduled by the university, and it will account for 55% of your final grade.