

**Department of Mathematics & Statistics**  
Concordia University

**MAST 699 (MAST 833), Sec. C**

Topics in Algebra  
Topic: *Class Field Theory*  
*Winter 2016*

**Instructor:** Dr. H. Kisilevsky, Office: LB 927-13 (SGW), Phone: 848-2424, Ext. 3226  
Email: [hershy.kisilevsky@concordia.ca](mailto:hershy.kisilevsky@concordia.ca)

**Office Hours:** TBA

**Topics:** This course will cover the main theorems of Class Field theory for number fields. These will include the main theorem that class field extensions are exactly the abelian extensions, the reciprocity law, existence theorem and norm theorem.