

**MAST 699 (MATH 494, MAST 833), Sec. E**  
Topics in Algebra  
*Fall 2018*

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**Office Hours:** Tuesdays and Wednesdays, 15:00-16:00.

**Class Schedule:** Tuesdays 16:00-17:30 and Wednesdays 13:30-15:00, Room LB 728.

**Textbook:** *The Arithmetic of Elliptic Curves* by Joseph Silverman.

**Topics:** This course is intended to be an introduction to the topic of elliptic curves, covering the geometry of algebraic curves and elliptic curves, elliptic curves over the rational, over finite fields, over the complex numbers and local fields, and the Mordell-Weil Theorem.

**Academic Integrity and the Academic Code of Conduct**

This course is governed by Concordia University's policies on Academic Integrity and the Academic Code of Conduct as set forth in the Undergraduate Calendar and the Graduate Calendar. Students are expected to familiarize themselves with these policies and conduct themselves accordingly. "Concordia University has several resources available to students to better understand and uphold academic integrity. Concordia's website on academic integrity can be found at the following address, which also includes links to each Faculty and the School of Graduate Studies: [concordia.ca/students/academic-integrity](http://concordia.ca/students/academic-integrity)." [Undergraduate Calendar, Sec 17.10.2]