

Math 423/502 - Spring 2024

Commutative Algebra

Instructor: Kalle Karu
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Office hours: TBD.

Lectures: TuTh 11-12:30.

Textbook: *Introduction to Commutative Algebra* by Atiyah and Macdonald. The book is available online through UBC library.

Web site: The Canvas course page will have more detailed information.

Course description. Math 423 is a course about commutative algebra. We cover the basics of commutative rings, ideals, modules. We generally follow the textbook. Additional topics include some algebraic geometry and combinatorial algebra.

Homework. We will have a homework roughly every two weeks. Homeworks are posted on Canvas and you have to upload your solutions also to Canvas.

Exams. We will have one midterm exams, on Tuesdays, March 5, during regular class hours. The final will be a $2\frac{1}{2}$ -hour exam scheduled by the university.

Final Grade. Your final grade will be based on your performance on homework (30%), midterm (25%) and final exam (45%).

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