

MATH 5109 (Online) Algebra II.

Winter 2021

Instructor: Dr. Yuly Billig

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Textbook: R. Ash, *Abstract Algebra: The Basic Graduate Year*,
Free open-source textbook,
<https://faculty.math.illinois.edu/~r-ash/Algebra.html>

Course material is hosted on **CULearn**.

Lectures are pre-recorded and asynchronous.

Tutorials and Office Hours are on alternate Thursdays 10:05 - 11:25am.

Evaluation:

Midterm: 25%

Home Assignments: 30%

Final Exam: 45%

Midterm will be held on Thursday March 4. There will be 4 Home Assignments. Final Exam will be scheduled during the examination period.

The midterm, home assignments and the final exam must be composed in **LaTeX**. Please see CULearn for more information.

The Midterm and the Final Exam will have two components: (A) open book written test and (B) closed book one-on-one oral component with the course Instructor. There will be no e-proctoring on the Final Exam. Use of a webcam is required for the oral components of the examinations.

Syllabus: Chapters 5, 6 of Ash,
Integrality, Dedekind domains, additional selected topics.

Academic Accommodation. You may need special arrangements to meet your academic obligations during the term. For an accommodation request the processes are as follows:

Pregnancy obligation: write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the Student Guide:

<https://devsite.carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf>

Religious obligation: write to me with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details see the Student Guide.

Academic Accommodations for Students with Disabilities: The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your Letter of Accommodation at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with me to ensure accommodation arrangements are made. Please consult the PMC website for the deadline to request accommodations for the formally-scheduled exam (if applicable).