



MAS5312 Section 17110 – Introduction to Algebra 2 – Spring 2020

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Course Description

Course Meeting Time: MWF 3 in Little Hall 223

This is the first semester of a two-semester sequence to prepare graduate students in the Mathematics Department for the first-semester algebra exam. The text is the latest edition of Dummit and Foote's *Abstract Algebra* and we will cover a large part of chapters 7 to 13: rings, modules, linear algebra and modules over a principal ideal domain.

Prerequisites

MAS5311 or equivalent (obviously).

Course Structure and Grading

The course will be given in the traditional lecture format. The course grade will be determined by 3 hour exams during the semester and weekly homework. Each exam contributes 25% to the final grade and the sum total of the homework problems will contribute the remaining 25%. Homework will be graded for (1) completeness, and (2) correctness of selected problems. Letter grades will be assigned as follows: A, 90%-100%; B, 80%-89%; C, 70%-79%; D, 60%-69%, E, 59% or less. Plus or minus grades will be given to scores within a few points of the grade boundary. This scale will possibly be changed after the second exam.

Exam dates will be announced later.

Course Policies

The student should be familiar with the University's Academic Honesty Policies.

Attendance will not be taken, but it is the student's responsibility to attend classes, and to get notes for the lectures if a class must be missed. This policy is consistent with university regulations on attendance.

Makeups for exams must be arranged in advance, except in the case of a documented medical emergency. Acceptable reasons for missing an exam are serious family emergencies, special curricular requirements of other units of the University, military obligations, religious holidays, severe weather conditions, or court-imposed legal obligations.

Late homework will not be accepted. Homework may be submitted by email; please use PDF files for this purpose. Any submissions by email must be received by the start of class on the due date.

Students requiring accommodation for disabilities must make arrangements through the Disability Resource Center.

Students are expected to provide feedback on the quality of instruction by completing online evaluations. Typically this process takes place during the last weeks of the semester. The results of the evaluations are available when they are tabulated.

Please silence your cell phones.

Metadata

This web page is the authoritative source for the course syllabus and supersedes all previous versions.



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