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Old Course Syllabi

MHF3202 Section
18128 – Sets and
Logic – Spring
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MAS5312 Section
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Introduction to
Algebra 2 – Spring
2020

MAS 6331 –
Algebra I – Fall
2020

MAP 4305/5304 –
Intermediate
Differential
Equations – Spring
2021

MAS 6332 –
Algebra 2 – Spring
2021

MAP 4305/5304
Section
23GH/23G5 –

MAS 6332 – Algebra 2 – Spring 2021

Syllabus

Contact information

- Instructor: Dr. Richard Crew
- email: rcrew@ufl.edu
- www: <http://people.clas.ufl.edu/rcrew>
- Office hours: online via Zoom

Like last semester, this course will meet online via Zoom. Zoom contact information will be announced via Canvas.

Welcome everyone! Our first meeting is Monday January 11 (first day of classes).

Prerequisites and requirements

Prerequisite: MAS 6331 (Algebra 1) or equivalent life experience. Texts:

- Hungerford, *Algebra*
- Lang, *Algebra*
- (highly optional) Bourbaki, *Algebra* and *Commutative Algebra*

Course description

This course is the sequel to MAS 6331 and will cover the following topics:

- Commutative algebra: localization, flat modules, integral extensions, associated primes
- Noncommutative algebra: simple and semisimple rings, density theorem, Wedderburn structure theorem
- If time permits: linear groups, more multilinear algebra.

Graded Work

The course grade will be based on a finite number of homework assignments which will be assigned at regular intervals. Each problem will count for 10 points and the grade is the sum of the point scores for each problem. Final letter grades will be assigned as follows:

Intermediate
Differential
Equations – Spring
2019

MAS 6932 Section
3F93 – Special
Topics in Algebra –
Spring 2019

MAS 5311 Section
8526 – Introduction
to Algebra I – Fall
2019

MAP 4305/5304
Sections
0099/17290 –
Intermediate
Differential
Equations – Fall
2019

Letter Grade	From	To
A	100.0%	94.0%
A-	<94.0%	90.0%
B+	<90.0%	87.0%
B	<87.0%	84.0%
B-	<84.0%	80.0%
C+	<80.0%	77.0%
C	<77.0%	74.0%
C-	<74.0%	70.0%
D+	<70.0%	67.0%
D	<67.0%	64.0%
D-	<64.0%	61.0%
E	<61.0%	

This scale may be “adjusted slightly” later on.

UF Policies regarding this course

This course is aligned with the UF policies below.

- **Contact Hours:** “Contact Hours” refers to the hours per week in which students are in contact with the instructor, excluding office hours or other voluntary contact. The number of contact hours in this course equals the number of credits the course offers. Workload: As a Carnegie I, research-intensive university, UF is required by federal law to assign at least 2 hours of work outside of class for every contact hour. Work done in these hours may include reading/viewing assigned material and doing explicitly assigned individual or group work, as well as reviewing notes from class, synthesizing information in advance of exams or papers, and other self-determined study tasks.
- **Accommodation for Disabilities:** Students requiring such accommodations should connect with the Disability Resource Center by visiting <https://disability.ufl.edu/students/get-started/> (Links to an external site.). This class supports the needs of different learners; it is important for students to share their accommodation letter with their instructor and discuss their access needs as early as possible in the semester.
- **Evaluations:** Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available from the Gatorevals website. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via the evaluation system. Summaries of course evaluation results are available to students at the public results website.
- **Course Recording:** Our class sessions may be audio visually recorded for students in the class to refer back to and for use of enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, keep your camera off and do not use a profile

Related Links

CLAS IT

College of Liberal Arts
and Sciences

Mathematics
Department

University of Florida

image. Likewise, students who un-mute during class and participate verbally are agreeing to have their voices recorded. If you are unwilling to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the “chat” feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

Additional Course Policies and Information

The following are additional policies that shape my approach to teaching.

- UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code (sccr.dso.ufl.edu/process/student-conduct-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor.
- The Mathematics Department is committed to diversity and inclusion of all students. We acknowledge, respect, and value the diverse nature, background and perspective of students and believe that it furthers academic achievements. It is our intent to present materials and activities that are respectful of diversity: race, color, creed, gender, gender identity, sexual orientation, age, religious status, national origin, ethnicity, disability, socioeconomic status, and any other distinguishing qualities.

Additional Resources

- University Police: The UF police are together for a safe campus. 392-1111 (or 9-1-1 for emergencies) ([Links to an external site.](http://www.police.ufl.edu/))<http://www.police.ufl.edu/>.
- Career Connections Center: Career Connections Center (352-392-1601 | CareerCenterMarketing@ufsa.ufl.edu) connects job seekers with employers and offers guidance to enrich your collegiate experience and prepare you for life after graduation.
- Counseling and Wellness Center: Counseling and Wellness Center (352-392-1575) provides counseling and support as well as crisis and wellness services including a variety of workshops throughout the semester (e.g., Yappy Hour, Relaxation and Resilience).
- Dean of Students Office: Dean of Students Office (352-392-1261) provides a variety of services to students and families, including Field and Fork (UF’s food pantry) and New Student and Family programs
- Disability Resource Center: Disability Resource Center (DRCaccessUF@ufsa.ufl.edu | 352-392-8565) helps to provide an accessible learning environment for all by providing support services and facilitating accommodations, which may vary from course to course. Once registered with DRC, students will receive an accommodation letter that must be presented to the instructor when requesting accommodations. Students should follow this procedure as early as possible in the semester.
- Multicultural and Diversity Affairs:

Multicultural and Diversity Affairs (352-294-7850) celebrates and empowers diverse communities and advocates for an inclusive campus.

- Office of Student Veteran Services:
Office of Student Veteran Services (352-294-2948 | vacounselor@ufl.edu) assists student military veterans with access to benefits.
- ONE.UF: ONE.UF (Links to an external site.) is the home of all the student self-service applications, including access to:
 - Advising
 - Bursar (352-392-0181)
 - Financial Aid (352-392-1275)
 - Registrar (352-392-1374)



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