

COURSES

RESEARCH

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# SYLLABUS MAS 4301 FALL 2021

This syllabus is subject to change. Created Wednesday, August 11, 2011. Updated

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## UNDER CONSTRUCTION – PROVISIONAL VERSION

Section	Period	Meeting Time	Room
1074 – 15429	MWF 6th	12:50 – 1:40pm	FLI 101

### Frank Garvan

408 Little Hall  
 (352) 294-2305  
 fgarvan@ufl.edu

### Office Hours

TBA

### Prerequisites

Grade of B or better in MAS 3300 or MHF 3202, or  
 a grade of C or better in MAS 4105.

### Textbook

*Contemporary Abstract Algebra*, 9th Edition, by Joe Gallian.

### Course Description

MAS 4301 is a 3 credit course on Abstract Algebra which focuses mainly on group theory and ring theory. Topics include sets and mappings, groups and subgroups, homomorphisms and isomorphisms, permutations, rings and domains, arithmetic properties of domains, and fields. This course requires facility in writing proofs.

### Website:

[people.clas.ufl.edu/fgarvan/absalg-fall-2021](https://people.clas.ufl.edu/fgarvan/absalg-fall-2021)

## Assesment

Assessment will be based on the following

Quizzes	25%
Exam 1	25%
Exam 2	25%
Exam 3	25%

## Homework

Homework will be assigned. All Quiz questions and some Exam questions will be based on Homework problems.

## Exams

Exam 1: TBA

Exam 2: TBA

Exam 3: TBA

Optional Replacement Exam: Thursday December 16, 12:30 PM – 1:30 PM

## Grading

Grading scale: A 90%; A- 87%; B+ 83%; B 80%; B- 77%; C+ 73%; C 70%; C- 67%; D+ 63%; D 60%; D- 57%; E 56%

## Attendance

Attendance will be taken at each class meeting.

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## Additional Information:

*Grades.*

Grading will be in accord with the UF policy stated at

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

. Also see

[the current UF policy on assigning grade points.](#) *Academic Honesty.*

The course will be conducted in accordance with the University honor code and academic honesty policy

*UF students are bound by The Honor Code 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 niether given nor received*

*unauthorized aid in doing this assignment.” The Honor 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 questions or concerns please consult with the instructor. Accommodation for students with disabilities.*

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, <https://www.dso.ufl.edu/drc/>

) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

*Online Evaluations.*

“Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>

. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.”

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#### **Additional Information- Health and Wellness:**

- U Matter, We Care:  
If you or a friend is in distress, please contact [ummatter@ufl.edu](mailto:ummatter@ufl.edu) or 352-392-1575 so that a team member can reach out to the student.
- Counseling and Wellness Center:  
<https://www.counseling.ufl.edu>; 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.
- Sexual Assault Recovery Services (SARS):  
Student Health Care Center, 392-1161.
- University Police Department:  
392-1111 or 9-1-1 for emergencies, <http://www.police.ufl.edu/>

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#### **Additional Information- Academic Resources:**

- E-learning technical support  
352-392-4357 (option 2)  
[Learningsupport@ufl.edu](mailto:Learningsupport@ufl.edu)
- Career Connections Center:  
Reitz Union, 392-1601.  
Career assistance and counseling, <https://career.ufl.edu>
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- Library Support:  
<http://cms.uflib.ufl.edu/ask>
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