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## MAS 4203 SPRING 2023

**MWF 4th period (10:40 – 11:30am) Section 8430 – LIT 223 – SPRING 2023**

### INSTRUCTOR:

Krishnaswami Alladi  
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294-2290  
email: [alladik@ufl.edu](mailto:alladik@ufl.edu)

### OFFICE HOURS:

MW – 6th period (12:50 – 1:40pm) in LIT 304 and by appointment.

### PREREQUISITES:

grade of C or better in MAC 2312, MAC 2512 or MAC 3473.  
Recommended MAS 3300 or MHF 3202

### TEXT:

**An Introduction to the Theory of Numbers, 5th edition** by Niven, Zuckerman and Montgomery.

### MATERIAL TO BE COVERED:

The following is expected to be covered.

WEEKS 1 AND 2 (Jan 9-20): Selections from  
Section 1.1, Section 1.2 up to Euclidean Algorithm.

WEEKS 3 AND 4 (Jan 23 – Feb 1) : Selections from  
Sections 1.2 and 1.3 from page 16 to page 25.

FIRST TEST Fri, Feb 3

WEEKS 5 AND 6 (Feb 6-17): Selections from Section 1.3, from pages 26-34 including problems (time permitting)

WEEKS 7 AND 8 (Feb 20 – Mar 1): Selections from Sections 1.4 and 2.1, with some problems.

SECOND TEST Fri, Mar 3

WEEKS 9 and 10 (Mar 6 – Mar 10, Mar 20-24): Selections from Sections 2.1, 2.2 from pages 35-50 , including problems (tentative, time permitting)

WEEK 11-12 (Mar 27 – Apr 5) Selections from Sections 2.3, 2.6, and 2.7, 2.8 (tentative, time permitting)

THIRD TEST Fri, Apr 7

WEEK 13-15 (Apr 10-20; Mon, Apr 24) Selections from Sections 2.8, 3.1, 3.2, 3.6, 4.2, 4.3 (tentative, time permitting)

FOURTH TEST Wed, April 26

ALL TEST DATES WILL BE CONFIRMED  
ONE WEEK BEFORE

## GRADING:

### GRADING SCALE

No letter grades will be assigned to any of the four tests. However, after the scores of the four tests are added, letter grades for the course will be assigned.

They are expected\* to be assigned as per the following scale [square brackets indicate closed intervals]:

A [96%-100%]

A- [92%-95%

B+ [88%-91%]

B [84%-87%

B- [80%-83%]

NOTE: Regarding the interval [80, 100], I have divided it into five equal sub-intervals for the five letter grades.

C+ [75%-79%]

C [65%-74%]

C- [60%-64%

D+[55%-59%]

D [50%-54%]

D- [45%-49%]

E below 45%

\*I say "expected" above because I expect the class average to be around 80%.

The course grade will be based on  
Four in-class tests each worth 25% of the grade.  
Tests are not cumulative.  
 $4 \times 25\% = 100\%$  total

### ACADEMIC HONESTY:

The course will be conducted in accord with the University honor code and academic honesty policy which can be found in the [Students Rights and Responsibilities](#) which is part of the [Student Handbook](#).

### ACCOMMODATION FOR STUDENTS WITH DISABILITIES:

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the accommodation. See [Disability Resource Center](#) for further information.

Created by  
([alladik@ufl.edu](mailto:alladik@ufl.edu)) on Wednesday, December 28, 2022.

