

MAS 4203 SPRING 2025

MWF 8th period (3:00 – 3:50pm) Section 8430 – LIT 233 – SPRING 2025

INSTRUCTOR:

Krishnaswami Alladi
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OFFICE HOURS:

MW – 9th period (4:05 – 4:55pm) 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 13-24): Selections from
Section 1.1, Section 1.2 up to Euclidean Algorithm.

WEEKS 3 AND 4 (Jan 27 – Feb 5) : Selections from
Sections 1.2 and 1.3 from page 16 to page 25.

FIRST TEST Fri, Feb 7

WEEKS 5 AND 6 (Feb 10-21): Selections from Section 1.3, from pages 26-34 including problems (time permitting)

WEEK 7 (Feb 24 – Feb 28): Selections from Sections 1.4 and 2.1, with some problems.

SECOND TEST Mon, Mar 3

WEEKS 8, 9 and 10 (Mar 5-10, Mar 10 – Mar 14, Mar 24-28): Selections from Sections 2.1, 2.2 from pages 35-50 , including problems (tentative, time permitting)

THIRD TEST Mon, Mar 31

WEEK 11-13 (Apr 2 – Apr 21) Selections from Sections 2.3, 2.6, and 2.7, 2.8 3.1, 3.2, 3.6, 4.2, 4.3 (tentative, time permitting)

FOURTH TEST Wed, April 23

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 honest 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 will provide documentation to the accommodation.
See [Disability Resource Center](#) for further information.

Created by
(alladik@ufl.edu) on Monday, December 30, 2024.

