

# MA 110 (or MA106 & MA108) : Spring 2024

## General Information

### CLASS INFORMATION

Division	Slot	Timing	Venue
D1	1A	Monday: 8:30 a.m. - 9:25 a.m.	LA201
	1B	Tuesday: 9:30 a.m. - 10:25 a.m.	
	1C	Thursday: 10:35 a.m. - 11:30 p.m.	
D2	8A	Monday: 2:00 p.m. - 3:25 p.m.	LA201
	8B	Thursday: 2:00 p.m. - 3:25 p.m.	
D3	1A	Monday: 8:30 a.m. - 9:25 a.m.	LA202
	1B	Tuesday: 9:30 a.m. - 10:25 a.m.	
	1C	Thursday: 10:35 a.m. - 11:30 p.m.	
D4	8A	Monday: 2:00 p.m. - 3:25 p.m.	LA202
	8B	Thursday: 2:00 p.m. - 3:25 p.m.	

### EVALUATION

There is a total of 100 marks to be earned in this course. The breakup is as follows:

Quiz - I	10 marks
Midsem	40 marks
Quiz - II	10 marks
Endsem	40 marks
<b>Total</b>	<b>100 marks</b>

### QUIZZES / EXAMS

1. The quizzes and exams marks will be conducted on dates decided by the Academic Office.
2. You have to carry **a valid ID card** during **Exams/Quizzes** for verification.
3. Makeup exams will be conducted for midsem and final only under exigent circumstances, and only if sufficient evidence is produced.

If you are present for an exam, you are NOT eligible for the corresponding make-up exam.

### ACADEMIC HONESTY

It is obligatory on your part to be honest and not to violate the academic integrity of the Institute. Any form of academic dishonesty, including, but not limited to cheating, plagiarism, submitting as one's own the same or substantially similar work of another, will not be tolerated, and will invite the harshest possible penalties as per institute norms.

## Linear Algebra (MA106 / 1st Half of MA110)

This information is relevant only for the first half of MA110 (which is equivalent to MA106).

### INSTRUCTORS

REKHA SANTHANAM (Instructor in-charge), Room 202C, Maths Dept., Phone no. 7466.

DIVISION TEACHING: D2 & D3.

ANANTHNARAYAN H., Room 116C, Maths Dept., Phone no. 9465.

DIVISION TEACHING: D1 & D4.

### TUTORIALS

Every week a set of tutorial problems will be assigned and posted on the Moodle class page.

*Please attend the tutorial section assigned to you.* Your TA will discuss some of these problems.

You are advised to try problems in advance and use this time to ask questions and doubts.

### MOODLE

1. We will use moodle to communicate with you.
2. Please use this forum to ask mathematical queries, so other students and tutors can also see your questions, and possibly answer them.
3. There is a feedback form on moodle itself that you can use to communicate your feedback, or to inform us about any issues. Please do NOT post these as messages on moodle.

### TEXT AND REFERENCES

TEXT: *Linear Algebra and its Applications* by G. Strang, 4th Ed., Thomson.

REFERENCES:

1. *Linear Algebra and its applications* by David C. Lay, 4th Ed, Addison-Wesley
2. *Linear Algebra: A Geometrix Approach* by S. Kumaresan, PHI Learning (2000).
3. *Linear Algebra* by S.H. Friedberg, A. J. Insel and L. E. Spence, Pearson Education (2014).

**Disclaimer:** The instructors reserve the right to modify the schedules and procedures. Any such changes will be announced in the class. It is the responsibility of the student to keep informed of such things.