

MA 106: Linear Algebra : Spring 2018

INSTRUCTORS

ANANTHNARAYAN H. (Instructor in-charge), Room 116C, Maths Dept., Phone no. 9465.
OFFICE HOURS: TBA. DIVISION TEACHING: D1 & D3.

REKHA SANTHANAM, Room 202C, Maths Dept., Phone no. 7466.
OFFICE HOURS: TBA. DIVISION TEACHING: D2 & D4.

CLASS INFORMATION

Division	Slot	Timing	Venue	Instructor
D1	2A	Monday: 9:30 a.m. - 10:25 a.m.	LA101	AH
	2B	Tuesday: 10:35 a.m. - 11:30 a.m.		
	2C	Thursday: 11:35 a.m. - 12:30 p.m.		
D2	2A	Monday: 9:30 a.m. - 10:25 a.m.	LA102	RS
	2B	Tuesday: 10:35 a.m. - 11:30 a.m.		
	2C	Thursday: 11:35 a.m. - 12:30 p.m.		
D3	9A	Monday: 3:30 p.m. - 4:55 p.m.	LA101	AH
	9B	Thursday: 3:30 p.m. - 4:55 p.m.		
D4	9A	Monday: 3:30 p.m. - 4:55 p.m.	LA102	RS
	9B	Thursday: 3:30 p.m. - 4:55 p.m.		

MOODLE

We will use moodle to communicate with you. Please use this forum to ask any questions, so other students and tutors can also see your questions, and possibly answer them.

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).

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.

EVALUATION

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

In-Tutorial Quizzes (Best 2 out of 3)	2×15 marks
Final	70 marks
Random Attendance*	2 marks
Total	100 marks

*Will be included only if the total does not exceed 100 marks.

ATTENDANCE

- Attendance in the first week of classes (4 - 9 Jan, 2015) is mandatory.
- There is a bonus of 2 marks for full attendance. There will random attendance taken during class, absentees will lose 1 mark on each occasion.
Attendance bonus is (i) not dependent on biometric attendance, and
(ii) will be awarded as long as your total does not exceed 100 marks.
- You have to carry a **valid ID card** during **classes** for Biometric Attendance and during **Exams/Quizzes** for verification.

FINAL EXAM

The final exam worth 70 marks will be conducted on dates decided by the Academic Office. Make up will conducted only if you have a **valid excuse** and been granted permission for a make up from **the Dean Academic Office**.

If you are present for the final, you are NOT eligible for a make-up exam.

GRADING POLICY

Total marks* \geq	guarantees
100	AP
95	AA
85	AB
75	BB
65	BC
55	CC
45	CD
35	DD

* not counting attendance bonus

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.

TUTORIAL INFORMATION

Venue	Batch	Timing
LT 002	D1 T1	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 003	D1 T2	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 102	D1 T3	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 103	D1 T4	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 104	D1 T5	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 004	D2 T1	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 005	D2 T2	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 006	D2 T3	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 105	D2 T4	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 106	D2 T5	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 301	D3 T1	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 302	D3 T2	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 303	D3 T3	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 202	D3 T4	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 203	D3 T5	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 304	D4 T1	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 305	D4 T2	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 306	D4 T3	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 205	D4 T4	Wednesday: 3:00 p.m. - 4:00 p.m.
LT 206	D4 T5	Wednesday: 3:00 p.m. - 4:00 p.m.

TUTOR INFORMATION:

TBA

IN TUTORIAL-QUIZZES

There will be **three** in-tutorial Quizzes conducted at the beginning of the tutorials on **17th Jan 2018, 31st Jan 2018** and **14th Feb 2018**.

- Each quiz is worth 15 marks.
- Your two best quiz scores will count towards your grade.
- There will be NO MAKE UP FOR IN-TUTORIAL QUIZZES.
- It is your responsibility to find out your assigned tutorial batch before the end of the first week. QUIZZES WRITTEN IN A WRONG SECTION WILL NOT BE GRADED, so please attend the tutorial section assigned to you.

Disclaimer: The instructors reserve the right to modify the schedules (e.g. office hours, dates of in-tutorial quizzes etc.) and procedures announced in this syllabus. Any such changes will be announced in the class. It is the responsibility of the student to keep informed of such things.