



School of Mathematics and Statistics
MATH1131 Mathematics 1A

Important Information

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2020 Term 1

General information

- MATH1131 is a 6 unit of credit course offered in terms 1, 2 and 3.
- The pace is very fast. It's very important to keep up to date.
- - Algebra
Lectures, classroom tutorials, online tutorials
Linear Algebra will be mostly new to NSW students.
 - Calculus
Lectures, classroom tutorials, online tutorials
This might look familiar but there's lots that's new.
 - Maple coding
Online tutorials
Using a computer to solve maths problems is an essential skill.
- These slides and a introductory video are on Moodle.

Website/Moodle/Email

- The School of Mathematics and Statistics website

www.maths.unsw.edu.au

has lots of useful information on

- ☐ courses
 - ☐ how to get help
 - ☐ school policies (assessment, special consideration etc)
 - ☐ our research
- Information about this course in this term is on Moodle

moodle.telt.unsw.edu.au

- Regularly check your UNSW email, eg,

z1234567@unsw.edu.au

Use it to communicate with us and always quote your student ID.

Assumed knowledge

- The assumed knowledge for MATH1131 is HSC Mathematics Extension 1 with a combined mark of at least 100/150.
(HSC Mathematics students with $> 85/100$ should be OK.)
- www.maths.unsw.edu.au/currentstudents/revision-worksheets
- Insufficient preparation? Consider...
 - MATH1011 in term 1
(as possible elective and co-requisite for PHYS1121)
 - then MATH1131 in term 2 and MATH1231 in term 3
- For advice, contact UG.MathsStats@unsw.edu.au

Classes — see Moodle and myUNSW for details

- Lectures
 - Weeks 1–5 and 7–10.
 - Lecture materials, lecture recordings, etc are on Moodle.
- Classroom tutorials
 - One Classroom Tutorial weeks 1–5 and 7–10.
 - See Moodle for a list of suggested problems to prepare before your Classroom Tutorial.
 - Location may change. Check myUNSW before your first tutorial.
- Online Tutorials
 - Online Tutorial due 1pm each Monday in weeks 2–5 and 7–11.
 - Do not leave your Online Tutorial until Sunday night!

Course pack and textbook

- Download and read the Course Outline from Moodle.
- You are strongly recommended to buy the course pack from the UNSW book shop. The course pack is also available for download from Moodle.
 - Algebra notes — complete course notes and tutorial problems
 - Calculus notes — complete course notes and tutorial problems
 - First Year Maple Notes — complete notes for Maple coding
 - Past exams with solutions
- A second hand course pack is OK if you obtain the latest course outline from Moodle.
- The calculus textbook (Salle, Hille and Etgen) is not essential. Wait a couple of week to decide whether you want this.

Assessment

Details are on Moodle

- Online Tutorials
 - Weekly Online Tutorials due 1pm Monday (10%)
 - Lab Tests in weeks 5 and 9 (15% + 15%)
 - Your Lab Test time is shown as "Other" in your timetable
- Assignment (10%)
 - Must be typed and will emphasise mathematical writing and arguments over calculations
 - Released in week 5 / due 5pm Friday of week 7
- Final exam (50%)
 - The final exam is much tougher than the pre-exam assessment. You should aim for at least 40/50 in the pre-exam work. Do not expect to make up for lost marks in the exam.

Special consideration

- If you miss an assessment due to illness or misadventure you must apply for special consideration through myUNSW within 3 days.
- You must provide suitable documentation (eg a medical certificate) and have it verified at Student Central.
- Weekly Online Tutorials are already very flexible and special consideration for these is usually not granted.
- Supplementary exams will be held during the break between terms.
- For details see
 - Course outline
 - student.unsw.edu.au/special-consideration
 - www.maths.unsw.edu.au/currentstudents/special-consideration-illness-misadventure

Getting help

Seek help as soon as you need it!

- Help with course work:
 - Maths Drop-in Centre
 - Staff consultation
 - Moodle forums
 - Lab consultants
- Administrative and academic advice
 - UG.MathsStats@unsw.edu.au
 - Director of First Year: A/Prof Jonathan Kress, RC-3073
 - Student Services: Ms Markie Lugton, RC-3072
- Counselling Services: student.unsw.edu.au/counselling