

Course Outline

MATH1011

Fundamentals of Mathematics B

School of Mathematics and Statistics

Contents

1.	Staff	3
2.	Administrative matters	3
Contacting the Student Services Office		3
3.	Course information	4
Course summary		4
Course aims.....		4
Course learning outcomes (CLO).....		4
4.	Learning and teaching activities	4
Lecture Videos and Classroom Tutorials		4
UNSW Moodle		5
Computing		5
5.	Assessment	5
Assessment overview		5
Schedule of all assessments		6
Assignment		7
End of Term Examination		7
Numbas Problems: Weekly Lessons and Lab Tests		7
6.	Expectations of students	8
School and UNSW Policies		8

What will I have to do and when? 13
Getting started with computing in MATH1011 13
Getting help 13
Computing Facilities 13
Code of Conduct..... 13
Health and Safety Issues..... 13

1. Staff

Position

Assessment task	Weight	Course Learning Outcomes
Weekly Numbas Lessons: best 6 of 9 weeks;	10%	1, 2, 4
Lab Tests 1 and 2	15% + 15%	1, 2, 4
Assignment	10%	1, 2, 3, 4
End of Term Exam	50%	1,2,4

SW19ef383.28M reW.001 Tc 9.96 08 0 664.44 0.48 0.4JI (2,-9 ref/P AMCI5 TC .96 664.

Some of these areas will be familiar to you, others will be new. Gaining a solid understanding of all the related aspects of ELISE will help you make the most of your studies at UNSW.

The *ELISE* training webpages:

<https://subjectguides.library.unsw.edu.au/elise/aboutelise>

Equitable Learning Services (ELS)

If you suffer from a chronic or ongoing illness that has, or is likely to, put you at a serious disadvantage, then you should contact the Equitable Learning Services (previously known as SEADU) who provide confidential support and advice.

They assist students:

- x living with disabilities
- x with long- or short-term health concerns and/or mental health issues
- x who are primary carers
- x from low SES backgrounds
- x of diverse genders, sexes and sexualities
- x from refugee and refugee-like backgrounds
- x from rural and remote backgrounds
- x who are the first in their family to undertake a bachelor-level degree.

Their web site is: <https://student.unsw.edu.au/els/services>

Equitable Learning Services (ELS) may determine that your condition requires special arrangements for assessment tasks. Once the School has been notified of these, we will make every effort to meet the arrangements specified by ELS.

Additionally, if you have suffered significant misadventure that affects your ability to complete the course, please contact your Lecturer-in-charge in the first instance.

Academic Skills Support and the Learning Centre

The Learning Centre offers academic support programs to all students at UNSW Australia. We assist students to develop approaches to learning that will enable them to succeed in their academic study. For further information on these programs please go to:

<http://www.lc.unsw.edu.au/services-programs>

7. Applications for Special Consideration

Please adhere to the Special Consideration Policy and Procedures provided on the web page below when applying for special consideration.

<https://student.unsw.edu.au/special-consideration>

Please note that the application is not considered by the Course Authority, it is considered by a centralised team of staff at the Nucleus Student Hub.

The School will contact you (via student email account) after special consideration has been granted to reschedule your missed assessment, for a *lab test or paper-based test* only.

For applications for special consideration for *assignment extensions*, please note that the new submission date and/or outcome will be communicated through the special consideration notification email.

Functions	Surds and indices. Exponentials and logarithms. Odd, even functions. Inverse functions.
Limits	Polynomial and trigonometric and introduction to differentiation.
Continuity	Definition of continuity.
Differentiation	

What will I have to do and when?

Each Weekly Numbas Lesson contains one Maple question. There will also be at least one Maple sub-question in the End of Term Exam. The Maple questions in the Weekly Numbas Lessons will prepare you for any questions in the End of Term Exam that involve Maple.

Getting started with computing in MATH1011

The MATH1011 module in UNSW Moodle has several short instructional videos illustrating how to access and use all the computing related components of MATH1011.

You should use some of your free time in Week 1 to complete Maple introductory materials, available on Moodle.

Getting help

Maple help is available from Lab Consultants who can be found in the Drop-in Centre.

Computing Facilities

For information on these computer labs, including opening hours, see the School's website:

<https://www.maths.unsw.edu.au/currentstudents/computing-facilities>

Code of Conduct

All students are assumed to be aware of the *Acceptable Use of UNSW ICT Resources Policy*, a copy of this Policy can be found at

<https://my.unsw.edu.au/student/resources/ComputingCommunicationRule.html>

In addition, the School of Mathematics and Statistics policy is here:

<https://www.maths.unsw.edu.au/currentstudents/computing-code-conduct>

Health and Safety Issues

Students should be aware that using a keyboard or performing any repetitive task for a long uninterrupted period may be associated with physical discomfort and /or muscular or other injury. To lessen the risk of such problems, a break from typing should be taken at regular intervals, a good body position adopted; wrists should be kept straight as much as possible and not rested on the sharp edge.

If you feel pain, numbness, tingling, weakness, cramping, or stiffness in your hands, wrists, arms, shoulder, neck, or back, see a qualified health professional.

Maple is a registered trademark of Waterloo Maple Inc.

Microsoft Windows is a registered trademark of the Microsoft Corporation.