

MATH2017 Real Analysis, 2022/2023

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Contact Details

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All handouts will be made available on the module homepage, which may be accessed via Minerva.

Assessment arrangements

There will be a $2\frac{1}{2}$ hour exam during the May/June exam period, counting 85% towards your final module grade.

There will also be 5 homework assignments, collectively counting 15% towards your final grade, due in **by 5pm** on the following dates:

- Friday 17 February 2023
- Friday 3 March 2023
- Friday 17 March 2023
- Friday 31 March 2023
- Friday 12 May 2023

These are Fridays in odd-numbered teaching weeks, starting in week 3. Submission will be electronic, via Gradescope: upload a scanned PDF of your work using the Gradescope link on the module's Minerva page. It is your responsibility to correctly tag your upload so that the graders are guided to the relevant part of your script for each question. If you do not, graders can reasonably assume that you have not answered that question and give you a mark of 0. You are advised to leave at least one hour to complete the upload process. Help and advice on the upload process can be found on the Gradescope website.

Each homework assignment will be supported by two workshop sessions. **It is very important that you attend these.**

Late submissions

Late homework submissions will attract a 2 point penalty (out of a total of 10) for each day, or part thereof, that they are late. Model solutions to the homework assignments will be posted shortly after 5pm on the Monday following the submission deadline. Submissions after this point will not be accepted. If you have a valid reason for missing

a homework deadline (for example, illness), please inform the Taught Students' Office. You will be granted an exemption from that homework.

Directed reading list

There are two recommended texts for this course:

- J.M. Speight, "A sequential introduction to real analysis," World Scientific, New Jersey, (2016).
- Robert G. Bartle, and Donald R. Sherbert, "Introduction to real analysis," 4th ed., Wiley, New Jersey, (2011).

Both of these texts are for background reading only. All the material studied will be covered thoroughly in lectures.