

Topics in Ring and Representation Theory (MATH11144) Information Sheet

- The class meets 14:10–15:00 on Mondays and Tuesdays in 5326, JCMB. Workshops takes place every second week starting in Week 2 (so in all even weeks) on Mondays at 09:00 in 4325C.
- All course information (including exercise sheets, workshop sheets, assignments etc) will be available at the course webpage

<http://www.maths.ed.ac.uk/~mwemyss/teaching/TRRT.html>

which is also accessible from Learn.

- The course follows the textbook 'Introduction to Lie Algebras' by Erdmann and Wildon. This is freely available from the library website, and this is linked from the course webpage.
 - Because of the textbook, there will be no printed lecture notes. However, I will take photos of the boards in lectures, and post them on the course webpage.

Exam and Assessment

- In December there will be an exam, worth 80% of your overall mark.
 - As a rule of thumb, everything in the lectures, workshop sheets and example sheets will be examinable. Precise exam guidance will be issued in Week 9 or 10, as there will be some proofs that are not examinable: I will also make it clear which ones these are during lectures.
 - The exam will be closed book.
 - Since this is the first year this course is running, a mock exam will be issued in Week 7.
- The remaining 20% of your mark is continued assessment, which will take the following form:
 - There will be four assignments (thus each worth 5% of your overall mark).
 - The assignment will be issued at the workshop in Monday of Week $2n$ ($n = 1, 2, 3, 4$).
 1. It will involve a question from the Workshop, and question(s) from the example sheets.
 2. All assignments will be marked by me, and each is out of 10 marks.
 3. The assignment is due on Monday of Week $2n + 1$, before the start of the lecture. There will be a folder available to hand in the assignments.
 4. The assignment will be handed back, with feedback, during the workshop on Monday of Week $2n + 2$.
- Since there is only a short revision period before the exam, this is the reason why the last assessment will be assigned in Week 8, and is due in Week 9. There will be a revision lecture either at the end of Week 11, or on Monday of Week 12: I will poll you all for your preferences nearer the time.