

School of Mathematics, Statistics, and Computer Science

MATH 452 — General Topology

Course Information 2008

Course Coordinator and Lecturer: Dr C. J. Atkin,
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Lectures: Mondays 2–3 p.m. and Fridays 2–4 p.m. in CO 431.

Consultation times. To be arranged as required by mutual agreement.

Objectives of the course. An exposition of the most generally applicable and useful ideas of general topology.

Content. Topological spaces; continuity and convergence; separation axioms, compactness and paracompactness; function space topologies.

Textbook. None is prescribed. We hope that the notes will be found adequate; good supplementary texts (of which there are several) will be mentioned in the lectures.

Equipment. For the course itself, no equipment other than the usual writing materials is *needed*, and you are to provide them at your own expense. The fee for the course does not include transport, clothing, and accommodation costs, which must be met from other sources. Word-processing programs *other than Microsoft Word* may be used if desired.

Assignments will be set at intervals. Each assignment will carry a statement of the date on which it is due.

Test. There will be a take-home test, provisionally scheduled to be distributed on 24th April and completed within 7 days. (If the dates require alteration, full notification will be given.)

Examination. There will be a final 3-hour examination, at a date and time to be determined, but during the mid-year examination period.

Assessment. The test will contribute 30% to the course mark, the final examination 60%, and the assignments 10%.

Penalties. The penalty for late submission of work (unless special arrangements have been made) is that it will not be marked and will not contribute to your overall course mark. There are no upper or lower word limits and no penalty for exceeding or failing to achieve them.

Noticeboard. Any changes to the particulars given here will be notified to all students.

Mandatory Course Requirements. To pass the course, you should hand in a GENUINE ATTEMPT at the assignments and the test, sit the final examination, and obtain a final grade of C or above.

If you have a serious reason, such as illness, for failing to fulfil the first two requirements, you should see the course coordinator.

General University regulations: see

<http://www.victoria.ac.nz/home/about/newspubs/universitypubs.aspx#general>