

SYLLABUS
TOPOLOGY: MATH 3T03

WINTER TERM 2018

Instructor's Name: David Duncan

Instructor's Email: duncand[at]math.mcmaster.ca

Instructor's Office: Hamilton Hall 319

Office Hours: Tu 3:20-4:20 and Th 12:30-1:30. Office hours are also available by appointment.

TA's Name:

Lecture Times and Location: Tu, Th, F 2:30-3:20 in Hamilton Hall 217

Course Webpage: [http://ms.mcmaster.ca/~duncand/Math3T03\(W18\).html](http://ms.mcmaster.ca/~duncand/Math3T03(W18).html)

Textbook: *Topology*, Second Edition, by James R. Munkres, published by Prentice-Hall, ISBN-13: 9780131816299 / ISBN-10: 0131816292.

Course Description: We will study basic point-set topology as covered in the first four chapters of the textbook. Some special topics may also be covered, as time permits.

Homework: I will post homework assignments and due dates on the course webpage. You should hand in homework on the due dates *at the beginning of class*. It is your responsibility to turn in the correct assignment at the correct time. Only selected problems will be graded. I will drop the lowest homework score when computing your final grade.

Tests and Exams: There will be two midterm tests and one final exam for this course. Here are the (tentative) dates.

Midterm Test 1: Friday, February 9 from 2:30 to 3:20 in ABB 136;

Midterm Test 2: Friday, March 16 from 2:30 to 3:20 in ABB 136;

Final Exam: To be determined.

The Final Exam will be a two hour exam, scheduled by the registrar.

Final Grades: Here is the breakdown of how your final grade will be computed:

Homework	20 %
Midterm Test 1	25 %
Midterm Test 2	25 %
Final Exam	30 %

Final Exam Policy: Your Final Exam will count for 30% of your grade, no matter what. However, if your grade can be improved by replacing any other component of the course (any midterms or homework assignments) by your final exam mark, then that will be done. For example, if your final exam mark is better than your marks on the first homework and the second midterm, then whatever you received on the final would be used in place of your marks on the first homework and the second midterm. As an extreme example, if you earn 100% on the final, then you will get 100% in the course.

Official Policies:

1. *Exemptions from course work.* If you are absent from the university for a minor medical reason, lasting fewer than 3 days, you may report your absence, once per term, without documentation, using the McMaster Student Absence Form (MSAF). Absences for a longer duration, or for other reasons, must be reported to your Faculty/Program office, with documentation, and relief from term work may not necessarily be granted. When using the MSAF, also report your absence to your instructor by email (normally within 2 working days). For Math 3T03, the percentages for exempted assignments and midterm tests will be transferred to the final examination. Please note that the MSAF may not be used for term work worth 25% or more, nor can it be used for the final examination. For more details, see

<http://academiccalendars.romcmaster.ca/content.php?catoid=13&navoid=2208>

(click the link for ‘Requests for Relief for Missed Academic Term Work’ near the top of the page).

2. *Academic ethics.* Academic dishonesty consists of misrepresentation by deception or by other fraudulent means and can result in serious consequences, e.g., the grade of zero on an assignment, loss of credit with a notation on the transcript (notation reads: ‘Grade of F assigned for academic dishonesty’), and/or suspension or expulsion from the university. It is your responsibility to understand what constitutes academic dishonesty. For information on the various kinds of academic dishonesty please refer to the Academic Integrity Policy, specifically Appendix 3. The following illustrates only three forms of academic dishonesty:

- (i) Plagiarism, e.g., the submission of work that is not one’s own or for which other credit has been obtained.
- (ii) Improper collaboration in group work.
- (iii) Copying or using unauthorized aids in tests and examinations.

3. *Collaboration in written assignments.* Discussions about assignments are allowed and are generally beneficial. However, you must write up solutions of the assignment problems by yourself and in your own words. Copying with minor changes (e.g., with symbols changed or with slightly different wording) from solutions prepared by another person or publication, in whatever format, will be dealt with as an act of plagiarism.

4. *Late assignments will not be accepted.*

5. *Calculators.* Only the McMaster standard calculator-the Casio fx 991 - may be used during the tests and the final exam.

Important Message: The instructor and university reserve the right to modify elements of the course during the term. The university may change the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes. It is the responsibility of the student to check their McMaster email and course websites weekly during the term and to note any changes.