

MATH 751, Section 1, MW 1-2:15, Fall 2010

You are to read and be familiar with the information and policies below.

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As Chair, I am usually in CDC Building 8 (the Department's main administrative building) instead of my office.

Class Schedule: MAT 751 Section 1, 1-2:15 MW, CBC 126 (Topics in the Foundations of Mathematics)
Set Theory Seminar, time not yet determined.

Book. Being a graduate-level topics course, the course will be mainly through the lectures. However, the following book will often be of value and cited:

Set Theory by Thomas Jech, Heidelberg, Springer-Verlag 2003. Third millennium edition (this edition differs substantially from the classic 1978 edition). ISBN: 3-540-44085-2.

Recommended Reading:

Set Theory, an introduction to independence proofs, by K. Kunen, North-Holland Publishing Co., Amsterdam, 1980.

Descriptive Set Theory by Yiannis N. Moschovakis, Stud. Logic Foundations Math. 100, Amsterdam, North-Holland Publishing Co., Amsterdam-New York, 1980.

The Higher Infinite, Large Cardinals in Set Theory from their Beginnings by Akihiro Kanamori, Springer-Verlag 2003 (first edition in 1994 by Springer-Verlag under the same title in the series *Perspectives in Mathematical Logic*).

Classical Descriptive Set Theory by Alexander Kechris, New York, Springer-Verlag 1995.

Email Correspondences: Type "MAT 751 Fall 2010" under the Subject listing in all email correspondences to me. I receive a large amount of email, and this will make it possible for me to sort and locate the emails concerning MAT 751. Feel free to follow "MAT 751 Fall 2010" by any additional information but do start the subject listing as "MAT 751 Fall 2010" so that I may locate your email correspondence by sorting.

Office Hours: Tentatively 1-2:30pm on TR in CDC Building 8. We can also meet at other times (just make arrangements with me). I am not available immediately before my classes, as I need to review my lecture. Any changes in and/or rescheduling of my office hours will be announced in class. Note that office hours are not a substitute for a private tutor, but are instead to provide some additional help and/or clarification of course material.

Final: Your Final for MAT 751 is on Monday December 6 at 1-3pm (see UNLV's online final exam schedule). The Final is comprehensive, covering all the topics presented in class. Start making arrangements with your work, etc. to have Monday December 6 available for your final. I often provide assigned seating for the Final.

Grading Policy: Except for possibly lowering your overall final grade due to missing classes, talking during class, etc., your final grade will be based on homeworks, quizzes, three tests, and your final. Each test is worth $\frac{1}{7}$ of your grade. Your homework collectively is worth the same as one test and the quizzes collectively are worth the same as one test, whereas your final is worth twice that of one test. Duplicate exams (tests, quizzes, and the final), talking during exams, etc. will result in a score of 0% being recorded. Any questions concerning such scores should be handled outside of class (preferably during office hours), as the limited class time needs to be spent on covering the course material and going over homework. Any changes in the above proportions will be announced in class.

Sign-in Sheet: ATTENDANCE IS MANDATORY. Students need to sign the sign-in sheet at each class meeting. A student's final grade may be lowered due to lack of attendance. We cover three credits worth of 700-level material and therefore can only repeat lectures during office hours or outside of class.

Labeling Homeworks, Quizzes, and Tests: Put your name and course number on all tests, quizzes, and homeworks. Also put the homework assignment number, the course, instructor name, and year (e.g. HW#1, MAT 751, Dr. DuBose, Fall 2010) on each homework so that it may be processed. Homeworks, quizzes, and tests without such information may not be graded or points may be deducted; all of these need your name in order for a grade to be recorded. **Separate homeworks must be written up on separate sheets** (e.g. do not combine homeworks 1 and 2) and turned in separately. Staple all pages of each homework together in the appropriate order. Students need to present problems from the same homework assignment in increasing order in order for that homework to be graded. When appropriate, work must be provided for credit on homeworks, quizzes, and tests. Again, staple the pages of each homework together so that no pages are lost. The classroom does not have a stapler available so you will need to make your own arrangements.

Homework: You shall regularly receive homework assignments. If you miss a class, you are encouraged to obtain the assignment from a fellow student or from me outside of class.

UNLV Drop Policy: November 1, 2010 is the final date to withdraw or drop the class (or change from credit to audit). As indicated on the UNLV website, no drops are allowed after this date, even with instructor approval.

Holidays. Labor Day Recess: Monday September 6.

Nevada Day Recess: Friday October 29.

Veterans Day Recess: Thursday, November 11.

Thanksgiving Day Recess: November 25-26.

Academic Misconduct – “Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV’s function as an educational institution.”

An example of academic misconduct is plagiarism: “Using the words or ideas of another, from the Internet or any source, without proper citation of the sources.” See the “Student Academic Misconduct Policy” (approved December 9, 2005) located at: <http://studentlife.unlv.edu/judicial/misconductPolicy.html>.

Copyright – The University requires all members of the University Community to familiarize themselves and to follow copyright and fair use requirements. **You are individually and solely responsible for violations of copyright and fair use laws. The university will neither protect nor defend you nor assume any responsibility for employee or student violations of fair use laws.** Violations of copyright laws could subject you to federal and state civil penalties and criminal liability, as well as disciplinary action under University policies. To familiarize yourself with copyright and fair use policies, you are encouraged to visit the following website: <http://www.unlv.edu/committees/copyright/>.

Religious Holidays Policy -- Any student missing class quizzes, examinations, or any other class or lab work because of observance of religious holidays shall be given an opportunity during that semester to make up missed work. The make-up will apply to the religious holiday absence only. It shall be the responsibility of the student to notify the instructor no later than the last day at late registration of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. This policy shall not apply in the event that administering the test or examination at an alternate time would impose an undue hardship on the instructor or the university which could not be avoided. For additional information, please visit: <http://catalog.unlv.acalog.com/content.php?catoid=1&navoid=44&bc=1>.

Study Week November 29-December 4: I might provide you with quizzes during study week, to assist you in reviewing the course material and give you added incentive to study. Recall that faculty are encouraged to refrain from giving one-hour, sit-down, written exams during Study Week, but the policy does not affect many activities including quizzes. You may review the policy concerning Study Week online under UNLV’s Final Exam Schedule.

Disability Resource Center (DRC) – If you have a documented disability that may require assistance, you will need to go to Disability Resource Center (DRC) for coordination in your academic accommodations. The Disability Resource Center (DRC) coordinates all academic accommodations for students with documented disabilities. The DRC is the official office to review and house disability documentation for students, and to provide them with an official Academic Accommodation Plan to present to the faculty if an accommodation is warranted. Faculty should not provide students accommodations without being in receipt of this plan.

UNLV complies with the provisions set forth in Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, offering reasonable accommodations to qualified students with documented disabilities. If you have a documented disability that may require accommodations, you will need to contact the DRC for the coordination of services. The DRC is located in the Student Services Complex (SSC), Room A143, and the contact numbers are: Voice (702) 895-0866, TDD (702) 895-0652, fax (702) 895-0651. For additional information, please visit: <http://drc.unlv.edu/>.

Conferences: I shall announce in class the dates of any conferences which I need to attend and conflict with our class.

W Grade: The Regents have re-established the W grade for UNLV transcripts. If a student drops after the first week of class, a W will be placed on the transcript. The W does not affect the GPA.