

GENERAL REMARKS

Contact information. My office is Surge 221, and it is around the corner from the Department's administrative front desk (Surge 202). My standard office hours will be posted during the first full week of the quarter, with availability at other times by appointment. My telephone number is 951-827-6459 (as usual, suppress the area code from inside the 951 region, and also replace the 827 by a 2 if calling from an extension at UCR). A much more highly recommended option is electronic mail; my full address is `schultz@math.ucr.edu` or `reinhard.schultz@ucr.edu` or else simply `schultz` if you happen to have an account on the departmental network and are logged into one of the Department's computers. Use of electronic mail is often easier than trying to play telephone tag, and due to severe cutbacks in Department Office staffing there is no guarantee that written messages can be left in the Surge Building.

IMPORTANT: To avoid problems with messages which might get undelivered and/or unread due to spam filtering, I **strongly recommend** that you include something like **Math 145B** in the subject heading so that your message does not get inadvertently deleted without being read.

Grading policy: Tentatively, there will be a in-class midterm examination which will count for 30 per cent of the course grade, a final examination during the eleventh week which will count for 46 per cent of the course grade, and there will be three quizzes in the discussion sections which will count for 24 per cent of the grade. The final examination will be designed to be approximately 50 per cent longer than the in-class midterm examination, but students will have the entire three hours to complete it.

Students are responsible for knowing how to do all the exercises enumerated in the course assignments files (these will be taken from exercise files posted in the course directory, which is described in the next paragraph). Solutions for all exercises will be posted online (see below for more on the latter).

Course texts, handouts and notes: One text for the course is Sutherland, *Introduction to Metric and Topological Spaces* (Second Edition), which was the text for 145A last quarter and has a companion website. We shall also use the following book, which can be legally downloaded from the UCR library when logged in to the UCR network with a valid ID:

M. D. Crossley, *Essential Topology*. Springer-Verlag, 2005.

Here is the UCR Library link; it must be accessed through the UCR network:

<http://scotty.ucr.edu/search/Y?SEARCH=Crossley+Essential+Topology>

Please contact me if you have trouble downloading this book.

At various points there may also be reference to notes for the graduate level courses in topology. Links to these, and everything else that is needed for the course, will be posted online (but **NOT** on iLearn!) and available from the following directory:

<http://math.ucr.edu/~res/math145B-2017>

The documents in this directory will include a copy of this handout, the course outline, notes to be used in the lectures, the homework assignments, and various files containing supplementary

material. All files except a few ordinary text files are pdf files which can be opened, downloaded, and they can be read or printed with the free Acrobat readers that are available or easily downloadable on most if not all electronic communications devices (desktop or laptop computers, tablets or smartphones).

Schedule of quizzes and examinations. The schedule of examinations and quizzes will be posted in the course directory file `math145BscheduleS17.pdf`. It is likely that at least some of these dates will change, and all such changes will be posted in the course directory.

IMPORTANT. (1) *Please contact me or the teaching assistant promptly if you have problems viewing or printing out any of the files in the course directory.*

(2) *These files are only intended for classroom purposes and are not meant for widespread public circulation.*

Discussion sessions: In addition to the three meetings with the primary instructor each week, there is one discussion section scheduled for an hour each Thursday (6:10 PM in SPR 2356); the teaching assistant in charge of the discussions is Mr. Jesse Cohen. Further information will be made available at discussion section meetings.

Primary class sessions: Student questions are encouraged. Please do not hesitate to ask questions, especially if you do not understand something or if something in the lecture seems wrong — even if everyone else seems to understand.

Questions on homework or review are generally best answered at the beginning of class. In general these are encouraged, but in some cases it might be necessary to limit such question periods.

Statement for students with disabilities:

Students who have been certified by the University eligible for **academic adjustments** should go to the Special Services office and request the information on how to proceed this term to get these adjustments made in their courses. **This should be done during the first week of classes.** Information regarding this office is available at the following online site:

`http://specialservices.ucr.edu/Students+with+Disabilities`

Only students who have been certified by the University and who have requested the University to send their certification letter to their instructor are legally eligible for academic adjustments.

Students who are currently undergoing an evaluation process to determine whether they are eligible for academic adjustments are encouraged to find out **now** what procedures they will have to follow when they are certified by requesting the information mentioned above.