

Final Exam Preparation in Foundations of Mathematics 30 Hints and Suggestions

Get organized (1-2 weeks ahead of the exam)

Gather up all of your notes and handouts and sort them into their appropriate units of study. If you have lost or misplaced any notes, you can still find them on my weebly page and either view them or download them as you deem fit.

Choose to study one unit at a time and try to study the units that are related to each other in succession. Remember that chapter 1 and chapter 2 are closely related, chapters 3, 4 and 5 are related, and chapters 6, 7 and 8 are related.

Set up a study time schedule.

Preliminary preparation (during the week preceding the exam)

Before you jump right into attempting to complete the suggested practice problems for a particular unit, you need to reacquaint yourself with the relevant terminology and formulas.

Use your notes and handouts to prepare **summary study notes**. These should summarize what is important for a particular unit and usually includes **terminology** (definitions), **formulas** (including what each variable in the formulas represents), and brief descriptions of the **types of problems** you have completed for this topic. Unit review summaries from throughout the semester may be very helpful in assisting you in putting this together.

Compare your summary study notes with the formula sheet provided by your teacher. Note which things you don't need to memorize and which things you do need to memorize.

Active practice preparation (during the week preceding the exam)

Complete the suggested practice problems to the best of your ability.

Note which **topics** gave you difficulty and ear-mark them for further study, then attempt the problems again.

Make a list of **specific** problems you could not work out and ask about them in class.

Try to avoid wasting time by over-practising the skills and concepts you have already mastered.

Avoid last-minute cramming and late nights.