

APM 421/ MAT 1723 Fall 2005

About the final exam

The final exam for APM421 will take place on Wednesday, December 21 from 9am to noon in BR 200.

In the final, I will aim to have questions roughly at the level of the quiz, and questions that can be done with a roughly similar amount of machinery. The exam will focus on material in the online lecture notes and in homework assignments 1 through 4. (Note: assignment 4 will not be collected, but it is now available online.)

The online lecture notes have been updated. They continue *not* to cover many topics from the lectures. Many proofs are still missing. The newest version also covers a few topics that were omitted from the lectures. For example, the notes go into slightly more detail on compact operators than we did in the class.

The final exam will *not* assume familiarity with topics that appear in the notes but were not discussed in the lectures or assigned in any homework problems. These topics include Lemma 15 and Proposition 5 on page 22.

I will continue to fill in the online lecture notes over the next week, but as they currently stand they are a good guide to what will be covered on the final.