The exam is scheduled for Friday 29 September. Calculators are not permitted, and are not needed.

The exam covers sections 6.1-6.3 and 7.1-7.5, 7.8. There are 10 problems, all integrals to evaluate, with an even mixture of techniques. To study for the exam, work problems. Do the quiz problems over again. Do appropriate problems at the end of the chapter.

There are study materials available on my web site. These materials are arranged a little differently because I used to cover Chapter 6 after Chapter 7. Make the following changes: In “Sample problems” for Exam 1, skip 16 and 17 (tables). In “Sample Exam 1”, skip 6. Look at 1, 2 and 3 on “Sample problems” for Exam 2 (volumes of revolution). Look at problem 1 on “Sample Exam 2”.

Here is a list of topics that you need to know:

- Area between curves
- Volumes of revolution by disks/washers
- Volumes of revolution by shells
- Integration by parts, including folding
- Trig integrals
- Trig substitution
- Partial fractions
- Improper integrals, both types