This “exam” will not be graded. It is intended solely to help you recall the material you (should have) learned in previous calculus courses. In each chapter, you should work through as many of these problems as necessary to recall the material. Whenever you do not recall how to solve a problem, you should refer back to the appropriate section. (But, please do not fall behind on the new material while reviewing.)

*Note that Calc II is a prerequisite for 640:251 and Calc I is a prerequisite for Calc II. This means that you are expected to recall the material presented in Calc I and II. In particular, you should be able to do all of the problems listed below from Calculus (Early Transcendentals), 3rd edition, Brooks/Cole, by James Stewart.*

**Chapter 1, pp. 110-111** Odd numbered problems 13 through 33, and 43.

**Chapter 2, pp. 187-188** Odd numbered problems 1 through 49, and 61 through 69.

**Chapter 3, pp. 249-251** Odd numbered problems 1 through 51, 75 through 95, and 105 through 109.

**Chapter 4, pp. 316-317** Odd numbered problems 17 through 39 and 65 through 71.

**Chapter 5, pp. 374-375** Odd numbered problems 5 through 17, 23 through 57, and 63 through 67.

**Chapter 6, pp. 410-411** Odd numbered problems 3 through 17.

**Chapter 7, p. 477** Odd numbered problems 1 through 59.

**Chapter 8, p. 521** Problems 7, 9, 13.

**Chapter 9, pp. 571-572** Odd numbered problems 1 through 13, 17 through 21, and 29 through 37.

Material from previous courses that *you are expected to know* for 640:251 includes but is not limited to the material covered on this “exam”. There is a lot of new material in 640:251 so you should review previous course material as soon as possible. There will be very little time for review in class. You may, of course, ask questions about this material during office hours.