

Questionnaire, to be returned by email by Thu, August 28th

1. Your NAME and class year. Please write the first name the way you want me to address you.
2. List the last 7 math classes you took in college or high school.
3. Did you take Math 3310? If yes, list the term and your 3310 instructor. If not, do you have any prior background in real analysis?
4. Are you a math major? If not, what is your major/projected major? What are you planning to do after graduating?
5. Rate your level of familiarity with each of the following concepts/techniques on the scale from 1 to 4 with
 - 4 meaning 'I am comfortable with this concept';
 - 3 'I studied this in detail, but do not feel comfortable'
 - 2 'I studied this before, but very briefly'
 - 1 'I never studied this before'
 - (a) epsilon-delta definition of the limit (for sequences and functions)
 - (b) suprema (least upper bounds) and infima (greatest lower bounds)
 - (c) rigorous definition of the Riemann integral (partitions, upper/lower sums etc.)
 - (d) Taylor polynomials and Taylor series
 - (e) uniform convergence of functions
 - (f) open and closed sets
 - (g) compact sets

Both (a) and (b) are covered in detail in 3310. If you do not feel comfortable with (a) or (b), you should spend extra time on this material in the first few weeks.