

Questionnaire, to be returned by email by Thu, January 15th

1. Your NAME. Please write the first name the way you want me to address you.
2. List all your previous courses in abstract and linear algebra (at UVA or elsewhere).

The following 3 questions are about your background on (some of) the main topics that will be covered in Algebra-II. It is perfectly fine if you have not seen any of these before, but if you have not previously studied JCF, you may consider auditing 4651.

3. Have you previously studied tensor products of modules, classification of finitely generated modules over PIDs, Jordan canonical form (JCF) of linear maps and rational canonical form (RCF)? If yes, are you comfortable with those topics?

4. Briefly describe your level of familiarity with representation theory of finite groups.

5. Briefly describe your level of familiarity with field theory and Galois theory.