

Instructor Dr. G. C. Verchota, Professor of Mathematics, 229A Physics Building, phone 3-1579, email gverchot@syr.edu Office hours: M 8:00-9:30am, T 8:30-10:00am, and by appointment.

Prerequisites MAT 412 or graduate standing.

Book *An Introduction to Analysis* Wade, Prentice Hall, fourth edition.

Course Content Chapters 5-7 and multidimensional theory as time allows, Riemann integration, infinite series, uniform convergence of function series, power series.

Grading There will be two semester exams (25% apiece) on October 8 and November 5, a final exam (25%) on Monday December 8, 12:45-2:45, and weekly written homework (25%).

Students with Disabilities: If you believe that you need accommodations for a disability, please contact the Office of Disability Services (ODS), <http://disabilityservices.syr.edu>, located in Room 309 of 804 University Avenue, or call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations. ODS is responsible for coordinating disability-related accommodations and will issue students with documented disabilities Accommodation Authorization Letters, as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible. You are also welcome to contact me privately to discuss your academic needs although I cannot arrange for disability-related accommodations. Making arrangements with ODS takes time. Do not wait until just before the first test.

Academic Integrity: The Syracuse University Academic Integrity Policy holds students accountable for the integrity of the work they submit. Students should be familiar with the Policy and know that it is their responsibility to learn about instructor and general academic expectations with regard to proper citation of sources in written work. The policy also governs the integrity of work submitted in exams and assignments as well as the veracity of signatures on attendance sheets and other verifications of participation in class activities. Serious sanctions can result from academic dishonesty of any sort. For more information and the complete policy, see <http://academicintegrity.syr.edu>