SYLLABUS
MAT 812, Several complex variables

Instructor: Prof. Eugene Poletsky
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Office hours: T, 12:30-2 PM, Th, 3:30-5 PM, and by appointment.

Class meetings are in 111 Carnegie, 11-12:20 PM

Course Description: This course is an introduction to several complex variables. Topics include: elements of the function theory, local theory of analytic sets and holomorphic functions, domains and envelopes of holomorphy, convexity and pseudoconvexity, differential forms and integral representations, elements of the sheaf theory, Stein manifolds.

Textbook: Evgeny Poletsky**,** *First semester of several complex variables*

Homework: The problems will be offered but not collected and graded. Discussions of problems in class or my office are welcome.

Tests: There will be no tests

Grades: Grades will be based on attendance.

Calculator policy: No policy.

Attendance: You are expected to attend class and participate in it. If you miss a class, you are responsible for obtaining notes and any announcements from that class from another student.

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

Complete academic honesty is expected of all students. Any incidence of academic dishonesty, as defined by the SU Academic Integrity Policy, will result in both course sanctions and formal notification of the College of Arts & Sciences.

Religious observances policy: SU religious observances policy recognizes the diversity of faiths represented among the campus community and protects the rights of students,

faculty, and staff   to observe religious holidays according to their tradition. Under the policy, students are provided an opportunity to make up any examination, study, or work requirements that may be missed due to are religious observance provided they notify their instructors before the end of the second week of classes. For fall and spring semesters, an online notification process is available through MySlice (Student Services $\longrightarrow$ Enrollment $\longrightarrow$ My Religious Observances) from the first day of class until the end of the second week of class.