

INSTRUCTOR: Xiangjin XU **E-mail:** xxu@math.binghamton.edu

Office: Library North , Room 2226 **Phone:** 607-777-2514

Time and Location: MWF 1:40-3:00 pm LN 2205

Office Hours: T 2:50-4:20pm, W 3:30-5:00pm (or by appointment)

Homepage: <http://www.math.binghamton.edu/xxu/>.

TEXT: Function Theory of One Complex Variable, *Third Edition*,
by Robert E. Greene and Steven G. Krantz.

COURSE CONTENT: This is a graduate course in complex variables, an essential subject for students majoring in mathematics or using mathematics heavily in another major (physics, engineering, etc.) We will cover most of first nine chapters in the text-book. Some topics at the ends of the chapters may be omitted if time gets tight. There will be weekly homework assignments, which will be posted on the class web-site.

ATTENDANCE POLICY: Regular attendance is expected. Attendance and class participation may be used in determining borderline grades. Students are expected to be on time for class and stay for the entire class period. Always turn off your **cell phone** before entering the classroom.

HOMEWORK: Weekly homework is generally due at class time on a given day. It will be graded and returned to you as soon as possible. **LATE HOMEWORK WILL NOT BE ACCEPTED FOR ANY REASON.** In computing your homework grade, the highest 8 grades will be counted. Homework should be prepared with considerable care. More on this will be discussed in class.

MIDTERM EXAMS and FINAL EXAM: There will be ONE mid-term exam and one final exam. The dates will be announced at least one week advance:

Mid-term: Middle October

Final: To be announced

The final exam will be two parts: a written exam and a presentation in class; please make your travel plans accordingly.

E-MAIL: I will frequently use e-mail to contact the class with announcements or other information. Please check your university e-mail regularly. Also, if you need to contact me, feel free to e-mail me at xxu@math.binghamton.edu.

HONOR CODE The Honor Code will be strictly observed in this class. Please remember to pledge each written assignment.

COURSE GRADES: Course grades will be based on the following point distribution (Total: 1,000 points):

Homework: 400

Mid-terms: 200

Final Exam: 400

Tentative grade scale:

A: 900-1000; B: 750-899; C: 600- 749; D: 500-599; F: below 500.

IMPORTANT DATES: Please be aware of the following dates:

Last day to drop a course:	September 11, Friday
Last day to add a course:	September 11, Friday
Last day to withdraw (with a "W") from a course:	October 30 Friday
Last day of classes:	December 11