

INSTRUCTOR: Xiangjin XU *E-mail:* xxu@math.binghamton.edu
Office: Library North , Room 2226 *Phone:* 607-777-2514
Time and Location: 2:20-3:20 pm MWF, 12:00-1:00pm T at LN 2205
Office Hours: TW 1:00-2:00pm (or by appointment)

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 textbook. 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 website.

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 TWO mid-term exams and one final exam. The dates will be announced at least one week advance:

Exam 1: Later September

Exam 2: Later October

Final: To be announced

The final exam may not be taken early; 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: 300 (150 each)

Final Exam: 300

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 7
Last day to add a course:	September 7
Last day to withdraw from a course:	October 26
Last day of classes:	December 7