MATH 730: Complex Analysis
Course Syllabus - Spring 2016

Lectures: Every TuTh 2:10-3:25pm in HSS 302

Instructor: Yitwah Cheung
Office: Thornton Hall, Room 950
Phone: (415) 338-1805
Office Hours: Tu 11:30-12:30, Th 10:30-11:30, and by appt.
Email: ycheung@sfsu.edu

Prerequisites: MATH 470 with a grade of C or better, and consent of instructor.

Textbook: Complex Analysis, by Lars V. Ahlfors, 3rd Edition

Bulletin Description: Elementary topology of the Euclidean plane, analytic functions, power series, conformal mapping, Cauchy integral formula, residue theorems, power series, Laurent series, analytic continuation, normal families and Riemann mapping theorem.

Homework and Reading Assignments: posted along with other course-related announcements on the course webpage

http://online.sfsu.edu/~ycheung/730/

Your Grade: There will be a midterm and a final exam.

Midterm and Final - 20% each
Homework - 40%
Attendance and participation - 20%

Academic Integrity: All students are expected to adhere to the SFSU honor code. Any student caught cheating on an examination will automatically fail the course and face expulsion from the University. You may discuss the homework with other students in the class, but the work you hand in must be written by yourself.

Enrollment Status: You are solely responsible for maintaining your own enrollment status. Check the “Withdrawal Policy” on the course webpage for the proper procedures for maintaining your enrollment status.

DPRC: Students with disabilities who need reasonable accommodations are encouraged to contact the instructor. The Disability Programs and Resource Center (DPRC) is available to facilitate the reasonable accommodations process. The DPRC is located in the Student Service Building and can be reached by telephone (voice/TTY 415-338-2472) or by email (dprc@sfsu.edu).
Violence: SF State fosters a campus free of sexual violence including sexual harassment, domestic violence, dating violence, stalking, and/or any form of sex or gender discrimination. If you disclose a personal experience as an SF State student, the course instructor is required to notify the Dean of Students. To disclose any such violence confidentially, contact: The SAFE Place - (415) 338-2208; http://www.sfsu.edu/~safe_plc/ Counseling and Psychological Services Center: (415) 338-2208; http://psyservs.sfsu.edu For more information on your rights and available resources: http://titleix.sfsu.edu

Religious Holidays: Reasonable accommodations will be made for you to observe religious holidays when such observances require you to be absent from class activities. It is your responsibility to inform the instructor during the first two weeks of class, in writing, about such holidays.

Final: Tuesday, May 24 in HSS 302 from 1:30-4pm.