

**Instructor** Dr. Bin Lu

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**Office** Brighton Hall 132

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**Course Web Page** <http://www.csus.edu/indiv/b/binlu/>

**Office Hours** MW: 1:50-2:20, F: 10-11, 1:50-3:00 and by appointment

**Prerequisites** Math 32

**Text** Fundamentals of Complex Analysis with Applications to Engineering and Science Third Edition by Saff and Snider - Pearson Education (2003)

## Catalog Description

This one semester course deals with the complex plane; analytic functions; integration and Cauchy's Theorem; sequences and series, residue calculus; applications to potential theory; Fourier and Laplace transforms

## Homework

Homework will be assigned each week and will be due the following week.

## Tests

There will be two tests and one final exam. Each test will be announced in class one week in advance. The tests are tentatively scheduled for March 2, April 27. The University has scheduled the final exam for: May 14 Mon, 12:45-2:45

## Make-up Policy

In general, missed tests may not be made up, unless the instructor is notified BEFORE the time of the test AND the absence occurs for a legitimate reason. Since students taking a make-up test have the advantage of extra time to prepare, the make-up tests are more difficult than regular tests. If you must miss a test for a verifiable emergency, notify me and the main math office (916-278-6534) IMMEDIATELY.

## Attendance

Oh, yes! Students are expected to attend every scheduled class and to be familiar with the University Attendance policy as it appears in the General Catalog. It is the student's responsibility to keep informed of any announcements, syllabus adjustments, or policy changes made during scheduled classes. Students who miss two or more class sessions during the first week of classes may be administratively dropped from this class unless they discuss their absences with the instructor during the first week.

## Grading

Your grade will be determined by your performance on homework assignments, quizzes, and exams, and will be figured according to the point system described below.

Exams (Tests)	50%	A: $> 89\%$ ; B: $< 90\%$ , and $> 79\%$ C: $> 69\%$ and $< 80\%$ ; D: $< 69\%$ and $> 60\%$ ;
Homework	20%	
Final Exam	30%	

**Needing Special Accommodations & Retention of Graded Materials**

If you have a documented disability and wish to discuss academic accommodations, please contact me as soon as possible during the first week of class. In the event of a question regarding an exam grade or final grade, it will be the responsibility of the student to retain and present graded materials which have been returned for student possession.