

COMPLEX ANALYSIS 4/6361 MW 2:20-3:45

TEXT: Complex Analysis by Joseph Bak and Donald J Newman

Instructor: Pei-Kee Lin Office: DH 241 Phone 3143

Office Hour: MW 10:20-12:25

Jan 20	Chapter 1. Complex Numbers	
Jan 25, 27	Chapter 2 and 3. Topology, Uniform convergece, Cauchy Riemann Equation	
Feb 1,3, 8	Chapter 4. Line Integration	
Feb 10	Exam I	
Feb 15, 17	Chapter 5 Sec 1 and 2. Cauchy Integral Formula ...	
Feb 22, 24	Chapter 6, Mean Value and Maximal Modulus Theorems	
March 1	Chapter 7 Schwarz' Lemma and Morera's Lemma	
March 3	Exam II	
March 15, 17, 22	Chapter 9 Singularities and Laurent Expansions	
March 24, 29, 31	Chapter 10 Residue	
April 5	Exam III	
April 7, 12, 14	Chapter 11 Residue	
April 19, 21, 26 ..	Other Theorems	
May 5	final exam	1:00-3:00

Grade

1. Homework total count 100 pt let you to drop the lowest one no makeup homework.
2. each Exam 100 pt
3. Final 200 pt
4. Total points: 600 pt

<i>A</i>	above 90%
<i>B</i>	80%-90%
<i>C</i>	70%-80%
<i>D</i>	60%-70%
<i>F</i>	below 60%