

	1.4. The Cauchy Integral Formula 1.5.		
	V. SEQUENCES AND SERIES 1.1. Definition and General Properties 1.2. Power Series, Region of Convergence 1.3. Functions as Power Series	Week 10-12 (8 HRS)	
	VI. THEORY OF RESIDUES 1.1. Definition of Residues and Poles 1.2. The Residue Theorem	Week 13 (3 HRS)	
	QUIZ 4	1 HR	
	1.3. Residues at Poles 1.4. Improper Integrals		
	Final Examination	2 HRS	

References

Pennisi L.L. (1976) Elements of Complex Variables (2nd Edition). Manila: National Bookstore
 Ahlfors L.V. (1979) Complex Analysis (3rd Edition). NY: McGraw-Hill
 Conway J.H. and Howell R.W. (2006) Complex Analysis for Mathematics and Engineering (5th Edition)
 Andreescu, T.(2005) Complex Numbers from A to Z, Birkhauser
 Cohen, H. (2008) Complex Analysis with Applications in Science & Engineering (2nd Edition). Springer
 Eiderman, V.Y. and Samokhin, M.V.(2005). Selected Topics in Complex Analysis, Birkhauser
 Gilman, J.P.(2008) Complex Analysis, Springer

Online Resources

<http://www.umn.edu/~arnold/502.597/complex.pdf>.
<http://www.math.ucla.edu/%7ETao/resource/general/132.100w/>
<http://www.math.lsu.edu/~neubrand/notes.pdf>

Class Policies

1. The required minimum number of quizzes for a 3-unit course is 3, and 4 for 4-unit course. No part of the final exam may be considered as one quiz.
2. Cancellation of the lowest quiz is not allowed even if the number of quizzes exceeds the required minimum number of quizzes.
3. As a general policy, no special or make-up tests for missed exams other than the final examination will be given. However, a faculty member may give special exams for
 - A. approved absences (where the student concerned officially represented the University at some function or activity).
 - B. absences due to serious illness which require hospitalization, death in the family and other reasons which the faculty member deems meritorious.
4. If a student missed two (2) examinations, then he/she will be required to take a make up for the second missed examination.
5. If the student has no valid reason 1(a)-3(b)-3(se)-825 569.32 0.4 13.4 r5 T025 Tm0 g[]TJETQ EMr5 T025

9. Students are expected to be attentive and exhibit the behavior of a mature and responsible individual during class. They are also expected to come to class on time and prepared.
10. Sleeping, bringing in food and drinks, and wearing a cap and sunglasses in class are not allowed.
11. Students who wish to go to the washroom must politely ask permission and, if given such, they should be back in class within 5 minutes. Only one student at a time may be allowed to leave the classroom for this purpose.
12. Students who are absent from the class for more than 5 meetings will get a final grade of 0.0 in the course.
13. Only students who are officially enrolled in the course are allowed to attend the class meetings.

Approved by:

DR. ARTURO Y. PACIFICADOR, JR.
Chair, Department of Mathematics