MAT 461 Applied Complex Analysis
SPRING 2017*

***Important Note:** All items on this syllabus are subject to change.
Any in-class announcement, verbal or written, is considered
official addendum to this syllabus.

Course: MAT 461, Applied Complex Analysis
Time: 10:30 – 11:45 am, T Th
Location: WXLR A104
Line #: 18164
Instructor: Dr. Sergei Suslov
Office: PSA 621
Phone: 965-8987
E-mail: *sks@asu.edu*
Office Hours: TBA
Text: Fundamentals of Complex Analysis, by E. B. Saff and A. D. Snider, 3rd edition, Prentice Hall
Prerequisite: MAT 272 or equivalent
Exams: There will be two regular in class exams (2*150);
homework and quizzes (100);
and a comprehensive final exam (200)
Grading Policy:
A-, A, A+ = 90 - 100%
B-, B, B+ = 80 - 89%
C, C+ = 70 - 79%
D = 60 - 69%
E = 0 - 59%
Material to be covered: Except for a few sections, chapters 1-6 will be covered
Make-up policy: No make-up exams will be given without notification.
Also, no late homework will be accepted for grading.

Course Description

The main purpose of this course is to explore basic methods of complex analysis a subject that is very important in the education of student majoring in mathematics, science or engineering.
The main topics include: Complex numbers, analytic functions, complex integration, Taylor and Laurent series, residue theorem, conformal mapping, and harmonic functions.
More information can be found on the past course website:

http://hahn.la.asu.edu/~suslov/classes/mat461f11/mat461f11.htm