

# Complex Analysis I

## MATH 5283

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**Time and Place:** MWF 11:30-12:20 p.m. in MSCS 509

**Professor:** Igor E. Pritsker

**Office:** MSCS 519C

**Office Hours:** MWF 1:00-2:00 p.m.

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**Textbook:** *Complex Made Simple*, by D. C. Ullrich, American Mathematical Society, 2008. (ISBN-10: 0821844792)

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**Grading:** We have a Midterm Exam and a Final Exam. The composition of your course grade is as follows:

Midterm Exam	40%
Homework	20%
Final Exam	40%

Your grade will be determined according to the standard scale

A	90-100
B	80-89
C	70-79
D	60-69
F	59 and lower

Note that the above numbers are percentages of the highest possible score in the course.

**Homework** will be periodically given in class. You should complete all homework problems within one week after they were assigned. Completed assignments will then be collected for grading.

**Additional references:**

1. L. V. Ahlfors, *Complex Analysis*, McGraw-Hill, New York, 1979.
2. A. I. Markushevich, *Theory of Functions of a Complex Variable*, Chelsea, New York, 1985.
3. Z. Nehari, *Conformal Mapping*, Dover, New York, 1975.
4. B. P. Palka, *An Introduction to Complex Function Theory*, Springer, New York, 1991.
5. W. Rudin, *Real and Complex Analysis*, McGraw-Hill, New York, 1987.