

Welcome to
MATH 3171 - Complex analysis
fall term 2006

INSTRUCTOR: Dr. Monica Ilie

- **Contact info:** RB * 766-7224 * *milie@lakeheadu.ca*
- **Office hours:** M,W : 11:00-12:00

COURSE INFORMATION:

- **Class time:** TTh 2:30-4:00, RB 3026
- **Textbook:** *Complex variables and applications, 7th edition* by James Ward Brown and Ruel V. Churchill, Publisher McGraw Hill.
- **Grading:** Your grade will be determined by one midterm, a cumulative final exam and a homework grade. The weight of each of these are as follows:

Homework	Midterm	Final Exam
10%	40%	50%
(bi-weekly)	(Th, October 26)	(TBA)

- **Course webpage:**
<http://flash.lakeheadu.ca/~milie/math3171.html>

SYLLABUS In this introductory course in complex analysis we will cover Chapter 1 through Chapter 8, and various topics from Chapters 9 and 10. At the end of the term you will have a deep understanding the concepts of analytic functions and contour integration, as well as of the different methods of integration and their applications to real analysis.

COURSE POLICIES The grade will be calculated by considering the best 5. LATE assignments will NOT be accepted. If you miss an exam with a university approved excuse, the weight of that exam will be *transferred* to the *next exam*. There will be no make-up exams!