Course Information

Professor:	Pramod N. Achar
Office:	266 Lockett Hall
Phone:	578-7990
E-mail:	`pramod@math.lsu.edu`
Office hours:	Tues. 2:00pm–4:00pm or by appointment

Course outline. This semester, we will cover parts of Chapters 1–7 of *Complex Variables and Applications* (7th edition, McGraw–Hill, 2004) by J. W. Brown and R. V. Churchill, roughly by the following schedule:

Chapter 1: Complex Numbers	1 week
Chapter 2: Analytic Functions	3 weeks
Chapter 3: Elementary Functions	1 week
Chapter 4: Integrals	2 weeks
Chapter 5: Series	2 weeks
Chapter 6: Residues and Poles	2 weeks
Chapter 7: Applications of Residues	2 weeks

Homework. Homework problems will be assigned in nearly every class. Each week, I will specify one or two problems that are to be handed in. You may certainly work together on the homework, but for problems to be handed in, you must write up your solutions on your own. I will not accept late homework, but I will drop your lowest homework grade.

This is an advanced, proof-based course. A large part of the homework and exams will involve writing proofs. These questions will sometimes require you to come up with innovative ideas, and to put together concepts from the course on your own. I know this will be the first exposure to proofs for many of you. Please don't hesitate to come and ask me for help.

Website. All class materials will be available via the *Blackboard* link from your PAWS account.

Exams. There will be two 80-minute in-class exams and a two-hour comprehensive final exam. The dates of the exams are given below. If there is any circumstance that may prevent you from taking an exam on the scheduled date, you must discuss it with me *in advance*.

Exam 1:	Tuesday, September 25
Exam 2:	Thursday, November 1
Final Exam:	Wednesday, December 12, 12:30pm–2:30pm

Grading. The final grade will be determined as follows:

Homework:	15%
In-class Exams:	50% (25% each)
Final Exam:	35%

Cheating. High standards of academic integrity are crucial for the University to fulfill its educational mission. In view of this, you may not communicate with other students by any means during any exams, and you may not use any supplementary materials (notes, books, or electronic equipment). Students suspected of violating this policy will be referred to the Judicial Affairs division of the Office of the Dean of Students.

Students with disabilities. If you have a disability that may have some impact on your work in this class and for which you may require accommodations, please see a staff member in the Office of Disability Services (112 Johnston Hall) so that such accommodations can be considered. Students that receive accommodation letters, please meet with me to discuss the provisions of those accommodations as soon as possible.