

MATH 5533 COMPLEX VARIABLES II Fall 2009

Class time and location: TR, 2:00-3:20pm, SCEN 610.

Instructor: Loredana Lanzani, SCEN 336. lanzani@uark.edu

Office Hours: Wednesday 2:30-3:20pm Thursday 3:30-4:20pm (to be re-scheduled when colloquia are in session).

Course Website: <http://comp.uark.edu/~lanzani/math5533.html>

Text: T. W. Gamelin, *Complex Analysis*, 1st paperback Edition (Springer Verlag, 2001).

Course Topics: Chapters 9, 10, 11, 12, 15 in the textbook and (if time permits) additional topics TBA later in the semester.

Prerequisites: Advanced Calculus and Math 5523 (*Complex Variables I*).

Attendance:

The University has a policy of **mandatory class attendance**. Classes cannot be missed except for certified reasons (such as doctor emergency with a doctor certificate). In such instances students will contact the instructor asap and check the course website to take homework for the missed class.

Exams:

There will be **two** 50-minute, in-class midterm exams during the semester (dates TBA) plus one, **comprehensive, take-home** final exam.

Homework:

Homework is assigned and collected each week on Thursday. Students may work together in groups and discuss homework problems with each other, but each student should write up and submit their own set of solutions. The homework should be written neatly. Please **write one-sided pages** and staple the sheets together. **Homework assignments will be posted weekly on the instructor's website. Check the instructor's web page to recover a missed homework.**

Classroom Deport:

Out of consideration for the teacher and fellow classmates, please: **(1)** do not be late for class; **(2)** turn off your cellphone at class-starting time; **(3)** during class-time, limit your questions to brief statements aiming at clarifying the matter at hand (longer questions are welcome but should be reserved for office hours or after class).

Make-up policy:

No make-up homework is allowed. Make-up exams may be allowed for **certified reasons** such as jury duty or medical emergency – in such instances you will need to present a court or doctor certificate, and contact the instructor ahead of time or asap to schedule a make-up exam.

(over)

Grading:

Homework:	200 pts
Test 1:	100 pts (date TBA)
Test 2:	100 pts (date TBA)
Final:	200 pts
Total:	600 pts

Grade Policy: Course grades will be decided on a curve.

Advice:

1. Short questions are encouraged in class. If something is unclear, please ask a question; however reserve longer questions for after class or office hours.
2. Take notes in class and review them regularly. When you review your notes, make a list of anything that is unclear and ask about these points during office hours. A good strategy is to share the note-taking with a partner.
3. On homework and exams, write neatly, show your work and explain the steps clearly. Getting the right answer is fine, but to obtain full credit you must explain the steps clearly so that the grader can understand.
4. You are strongly encouraged to work together in groups and discuss the homework problems with each other. (Research shows that cooperative learning is often more effective than individual work alone). However, **all exams must be taken individually**. Any form of interaction during quizzes or exams will be regarded as cheating and the University policy on this matter will apply.

INCLEMENT WEATHER POLICY

There will be no classes on the days when the University closes due to inclement weather and at the times when the University buses are not running.

**Do not call the Math office for inclement weather information.
Instead, you should call the following telephone number:**

UARK WEATHER HOTLINE: 575-7000

LAST DAYS TO DROP

**September 4, 2009 (without "W")
October 30, 2009 (with "W")**