Instructor: Prof. Baisheng Yan  
office: A-215 Wells Hall  
phone: 353-4650  
email: yan@math.msu.edu  
website: www.math.msu.edu/~yan  
office hours: 10:20-11:10 every Tuesday and Friday  

Lecture: 1:50–2:40 MWF at C-214 Wells Hall  

Course Outlines:  
The course will cover most of Chapters 1, 2, 3 and some of Chapter 4 of the text. Emphasis will be on analytic and harmonic functions, and their connections with complex integrals, power series and conformal mappings. Additional topics may be covered if time permits. The order of the material may be changed and some parts may be assigned as reading materials and will not be lectured in class.  

Prerequisites:  
You will need a good working knowledge of Calculus, especially materials on infinite series and functions of several variables. If your background in these areas is weak, you must be prepared to review when the need arises.  
Students who do well in this course usually put in six to nine hours of efforts a week outside of class (2-3 hours for each scheduled class hour).  

Grading Policy:  
Your course grade will be determined by the total point out of 600 points accumulated from the quizzes (100 points), the tests (300 points) and the final exam (200 points). Everyone (both graduate and undergraduate students) will be graded on the same scale, which is approximately given as follows:  
90% – 100% is 4.0; 85% – 89% is 3.5; 80% – 84% is 3.0; 70% – 79% is 2.5; 65% – 69% is 2.0; 60% – 64% is 1.5; 50% – 59% is 1.0; below 50% is 0.0.  
Of course the actual scale may be different and the borderline cases will be considered individually.  
– Homework problems will be assigned at the end of each section, but will not be collected; however, it is important that you do all the assigned problems on time as this is a best way to learn the material better outside of class. Besides, most of the problems for the quizzes, tests and final exam will be minor variations of these suggested homework problems.  
– Quizzes (100 points): Short quizzes are given weekly, usually on Fridays whenever there is no hour-test scheduled. Each quiz will last 15 to 20 minutes. No make-up quizzes and no drop-out for quizzes are given; a missed quiz with no acceptable reasons will be counted as zero points, while
a missed quiz with a valid excuse (for example, a medical document) will not be counted for the total. Your total quiz score will be scaled to 100 points.

- **Tests (300 points):** There will be three hour-tests scheduled below, each counting 100 points. Each test will primarily cover the materials of the most recent lectures. Only in dire case of an excused absence (for example, a documented medical excuse) can you make up at most one missed test but only within at most a week of the test. Missing a test without valid excuses will result in a score of 0 for the test.
  - *Hour Test 1 – Friday, September 29*
  - *Hour Test 2 – Wednesday, November 1*
  - *Hour Test 3 – Friday, December 1*

- **Final Exam (200 points):** The final exam for Math 425 is scheduled on
  - *Monday, December 11, 2006, 12:45-2:45, in C-214 Wells Hall*

**Academic Honesty:**

The University’s policy concerning academic integrity is covered in the Spartan Life booklet, General Student Regulations. According to the handbook, “no student shall claim or submit the work of another as one’s own”. This applies to the final exam, hour-tests and quizzes. You are on your honor to abide by these regulations. However, you are encouraged to work on the homework problems in group with other students.

**Important Dates:**
(see also www.reg.msu.edu/R0Info/Calendar/Academic20062007.asp)

  - *Friday, September 1* – Last day of computer/telephone enrollment.
  - *Friday, September 8* – Last day to late add or change sections.
    - **Note:** From September 5 to September 8, students MUST go to A-212 to add or change sections.
  - *Friday, September 15* – Last day to change to a lower level or a prerequisite course.
  - *Thursday, September 21* – Last day to drop a course and receive a full refund.
  - *Tuesday, October 17* – Last day to drop a course with no grade reported.
  - *Friday, November 17* – Final date to initiate withdrawal from the University for Fall.
  - *Friday, December 8* – Final day of class.
  - *Monday, December 11* – Final Exam, at 12:45-2:45 in C-214 Wells Hall.