Mathematics 300, Section 201, Term II, 20013-14

Instructor: JINGYI CHEN

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Lecture: TuTh 14:00-15:30, Room 1100, Math Annex

Topics:
- Complex Numbers (Sections 1.1 - 1.6)
- Analytic Functions (Sections 2.1 - 2.5)
- Elementary Functions (Sections 3.1 - 3.3, Section 3.5)
- Complex Integration (Sections 4.1 - 4.6)
- Series Representations for Analytic Functions (Sections 5.1 - 5.6)
- Residue Theory (Sections 6.1 - 6.3)

Text: Fundamentals of Complex Analysis with Applications to Engineering and Science, 3rd Ed, E.B. Saff and A.D. Snider

Grade Policy: Better result of the following
  (a) 10% homework + 25% midterm + 65% final exam
  (b) 15% homework + 30% midterm + 55% final exam

Exams: There will be one midterm exam and a final exam. The midterm exam will be on February 11, Tuesday. No make-up midterm exam will be given. The date of the final examination will be announced by the Registar later in the term.

Homework: Assignment will be posted weekly at *http://www.math.ubc.ca/~jychen*. Problem set will be collected on each Thursday (except the Thursday in the first week). Late homework will not be accepted. Copying solutions from another student, from the web or from any other source, and turning them in as your own is a violation of the Academic Code.

Policy on missed assignments and the midterm exam: Students who are unable to hand in a homework due to a medical or equivalent excuse may have that homework not count towards their final grade. Missing the midterm exam or a homework normally results in a mark of zero. Exceptions are granted only with prior consent of the instructor or due to a medical emergency. In the latter case, the instructor must be notified within two working days of the missed exam and presented with a doctor's note immediately upon the students return to UBC. If an exception is granted for a missed test, the final exam will be used to make up that portion of the grade.