

MATH 314 Analysis I

Section:	A1
Time:	TR 2:00–3:20 p.m.
Place:	CAB 235
Textbook:	<i>K. A. Ross, Elementary Analysis, Springer-Verlag</i>
Prerequisite:	Math 214
Instructor:	<i>Professor R. Q. Jia</i>
Office:	CAB 667
Phone:	492-4520
email and web:	rjia@ualberta.ca www.ualberta.ca/~rjia
Office Hours:	TR 3:30 – 4:00 p.m. or by appointment
Course Objective:	The main objective of this course is to teach students basic theory and applications of elementary analysis.
Course Contents:	Chapter 1. Sets and Numbers Chapter 2. Sequences and Series Chapter 3. Continuous Functions Chapter 4. Differentiation Chapter 5. Integration
Grading:	Assignments (15%) Midterm Exam (30%) (2:00-3:20 p.m., October 27, 2016) Final Exam (55%) (2:00-4:30 p.m., December 12, 2016)

Notices

1. Policy about course outline can be found in Section 23.4(2) of the University Calender.
2. The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are particularly urged to familiarize themselves with the provisions of the Code of Student Behavior (online at www.ualberta.ca/secretariat/appeals.htm) and avoid any behavior which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and participation in an offence.
3. The official University grading system will be implemented. A grade will be assigned in accordance with the total score of a student. The total score is calculated as the homework times 15% plus the midterm exam times 30% plus the final exam times 55%. An overall course mark of 50% or more guarantees a passing grade of at least D. An overall course mark of 90% or more guarantees a grade of at least A.
4. Attendance is absolutely required. Students should be responsible for any missed information due to absence.
5. The best way to contact the instructor is to make an appointment with him after the class.
6. There will be about 10 assignments. Problems and solutions will be posted on the website. Assignments should be put in the right assignment box before 2 p.m. of the due date. No late assignments will be accepted. The lowest score will be dropped when the average score of the assignments is calculated.
7. If you miss the midterm exam, you must provide valid proof within two business days of the exam. In such a case, the 30% weighting will be transferred to the final exam.
8. If you cannot attend the final exam, you must apply for a deferred exam within two business days of the exam. The deferred exam will be held on Saturday, January 14, 2016. The students should meet in CAB 563 at 8:30 a.m. to register.
9. All exams are closed-book exams. During the exam you are not allowed to use textbooks, notes, calculators, or any electronic device.