

Math 3231 Course Outline

Fall 2014

Instructor: A.J. Dean, RB 2009, 343-8689, andrew.j.dean@lakeheadu.ca

Office hours: Mondays 2:30-5:00 or by appointment or happenstance.

Textbook: An Analysis Textbook, by A.J. Dean, to be distributed in class.

Additional References: Principles of Mathematical Analysis, by Walter Rudin; Introduction to Real Analysis, by Bartle and Sherbert (first three editions); The Elements of Real Analysis, by Bartle; Introduction to the theory of numbers, by Hardy and Wright.

Tentative schedule:

Test 1, on September 24, covering Chapter 1 up to and including Cartesian products, relations, and functions.

Test 2, on October 15, covering the rest of Chapter 1.

Test 3, on October 31, covering up to the end of Chapter 2

Test 4, on November 21, covering up to the end of Chapter 3

After taking up Test 4, we will have a preview of Analysis II

Marking scheme: The four tests will be worth 25% each.

Drop Date: The final date to withdraw from this course without academic penalty is Tuesday November 4.