COURSE DESCRIPTION
REAL ANALYSIS I
MA 645-2F
FALL 2023

DEPARTMENT OF MATHEMATICS
UNIVERSITY OF ALABAMA AT BIRMINGHAM

Course Instructor: Rudi Weikard
Office: UH 4032
Phone#: 934-3720
E-mail: weikard@uab.edu
Zoom: `https://uab.zoom.us/my/rudi.weikard`
Office Hours: Drop in anytime or call or e-mail for an appointment.

Meeting times: TT 3:30 pm – 4:45 pm
Meeting location: UH 2013
Textbook: No textbook required. Lecture notes will be posted online
Canvas: `https://www.uab.edu/elearning/canvas/`

Important dates:

First day of classes: August 21
Labor Day Holiday: September 4
Fall/Thanksgiving Break: November 20 – November 26
Last day of classes: December 1
Grades Available Online: December 13

Course content:
- Abstract integration
- Measures
- Integration on product spaces

Assessment procedures: Final grades are determined by participation in class during the course.

To receive a grade of B a student needs to show a solid understanding of the concepts of measure and integral and have the ability to reason through the proofs of several standard theorems.

To receive a grade of A a student needs to show a deep understanding of the concepts of measure and integral and have the ability to reason through the proofs of most standard theorems.

Date: August 6, 2023.