California State University, San Bernardino
Natural Sciences/Mathematics
Course Syllabus
Course: Math 355-01, Analysis and Proof, Fall 2015

Instructor: Dr. Zahid Hasan
Office Location: JB 325
Telephone: (909) 537-5369
Email: zhasan@csusb.edu
Office Hours: MWF 10:05-10:35 a.m.
            MW 3:25-3:55 p.m.
            TR 12:15-1:00 p.m.
            and by appointment.
Class Days/Time: MW / 4:00-5:50 p.m.
Classroom: JB 254

Course Description:
Introduction to ideas and techniques of proof with an emphasis on analysis.
Topics chosen from: logic, set theory, functions, cardinality and analysis.

Prerequisites: Math 213

Text: Elementary Theory Of Metric Spaces
      Robert B. Reisel
      Springer-Verlag, 1982

Material to be Covered:
Chapters 0 through IV of the text, and chapter V, if time permits.

GRADING Policy

We will have two 150-point tests and a 200-point ”comprehensive” final exam.
An additional 50 points will come from 7 10-point short quizzes. The best
5 quizzes will count towards your grade. The quizzes will be based on the
home work assigned during the classes and will take place every Monday of
the quarter except the first week, the test weeks, and the last day of classes.
You may use the final exam percent score to replace your lower test score.
With 550 points possible, the class grade will be based on total points accu-
mulated, with
490–550 an A, 480-489 an $A^-$, 470-479 a $B^+$, 430-469 a B,
420-429 a $B^-$, 410-419 a $C^+$, 370–409 a C, 350–369 a $C^-$,
320–349 a $D^+$, 300–319 a D, 280–299 a $D^-$, and 0–279 an F.

Test Dates:
We will have our tests on
- Monday, October 19
- Monday, November 16

University Policies

Please see the section ACADEMIC REGULATIONS in the CSUSB Bulletin of Courses (2015-16) for the university’s policies on course withdrawal, plagiarism and cheating. **Classroom Protocol:**
You are expected to attend all classes and are encouraged to ask questions and actively participate in class discussions.
If you must miss a test, let me know in advance. Makeups for tests and quizzes will not be given without serious and compelling reasons for your absence from the class.
Please turn off all electronic devices including cell phones at the beginning of each class.

Support for Students with Disabilities

If you are in need of an accommodation for a disability in order to participate in this class, please let me know ASAP and also contact Services to Students with Disabilities at UH-183, (909)537-5238.

Important Dates:
Wednesday, November 11  Campus Closed (Veteran’s Day Holiday)
Thursday, November 26 and Friday, November 27 Campus Closed (Thanksgiving Holiday)
October 14 is the last day to drop a class without record.
Final Exam: Wednesday, December 9, 4:00–5:50 p.m.