California State University, San Bernardino  
Natural Sciences/Mathematics  
Course Syllabus  
Course: Math 553-01, Analysis I, 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: TR 10:00-11:50 a.m.  
Classroom: JB 387

Course Description:
Completeness properties of the real number system, theory of convergence of sequences of real numbers. Theories of limits, continuity and differentiability of functions of one real variable.

Prerequisites: Math 252 (or Math 203) and 355  
Text: Introduction to REAL ANALYSIS Second Edition  
Manfred Stoll  
2001 Addison Wesley Longman, Inc.

Material to be Covered:
We will cover most of chapters 1 through 5 of the text. The material covered in the first three sections, 1.1 - 1.3, of the text is a part of Math 355 which is a prerequisite for this class. You are encouraged to review these sections on your own. If time permits, some sections from chapter 6 will also be covered.

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 Thursday of the quarter except the first week and the test weeks. 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 accumulated, 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
Thursday, October 15
Tuesday, November 10

**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: Thursday, December 10, 10:00–11:50 a.m.