

Course Number

MTH-336-01

Course Description

An introductory course in analysis. Completeness and Cauchy sequences; open, closed, connected, and compact sets; continuous functions, uniform continuity, and uniform convergence; the extreme and intermediate value theorems; differentiation and the mean value theorem; Riemann integration and the fundamental theorem of calculus. Additional topics may be covered, including the contraction mapping principle and sets of measure zero.

Academic Term

22/FA

Instructor

Qian, Junqing

Location & Meeting Time

Bailey Hall-106+ M/W/F 10:30AM-11:35AM LEC

Credits

1.00

Capacity

25

Total Students

12

Academic Department

Mathematics

Field Of Study

Mathematics (MTH)