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

20/FA

Instructor

Zwicker, William

Location & Meeting Time

Synchronous Online-ONLI M/W/F 02:00PM-03:05PM LEC

Petition

N

Credits

1.00

Capacity

22

Total Students

23

Additional Information

http://muse.union.edu/mathematics

Academic Department

Mathematics

Field Of Study

Mathematics (MTH)