2022-23
ACADEMIC CATALOG



Midway University

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Course 2
MTH 305 - Mathematical Reasoning and Proofs 2

Course

MTH 305 - Mathematical Reasoning and Proofs

Transition to advanced mathematics is designed to help students learn the principles of mathematical reasoning and the writing of proofs. It is designed for students planning to take advanced mathematics courses. Topics include active reading of mathematics, problem-solving, logical reasoning and communication of mathematics, direct and indirect proofs, and proof by induction. Corequisite or prerequisite: MTH 222.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0
Lab hours: 0.0

Prerequisites:

- MTH 222 - Calculus II

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