ACADEMIC CATALOG
2026-2027



MIDWAY
UNIVERSITY

Midway University

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Course 2
MTH 121 - Foundations of Mathematics 2

Course

MTH 121 - Foundations of Mathematics

This course is designed for students who need to review and master pre-algebra topics including computation of whole numbers, decimals, fractions, and integers; ratio, proportion, and percent; and geometry. This course counts as an elective for graduation and may not be used to meet specific program requirements. MTH 121 may only be taken concurrently with MTH 135. Foundations of Mathematics courses are graded as Pass/Fail. This course may be repeated up to four times.

Upon completion, students will be able to:

- Apply appropriate arithmetic operations to rational numbers in order to solve real-world and abstract problems
- Analyze and simplify numerical and algebraic expressions by recognizing and correctly using properties of operations, exponents, and order of operations to prepare for advanced problem-solving
- Develop and solve linear equations and inequalities with multiple steps, interpreting solutions within real-world and mathematical contexts
- Model proportional relationships, including ratios, percentages, and simple interest, to interpret and solve applied problems
- Evaluate geometric relationships, including ratios, percentages, and simple interest, to interpret and solve applied problems

Grade Basis: P
Credit hours: 1.0
Lecture hours: 1.0

Last updated: 07/15/2026

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