

# MAT-137

Instructor: Roger Williams

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Required

Intermediate Algebra 4th ed by Lehman  
A graphing calculator is required

Prerequisite: MAT 095 or equivalent  
Beginning Algebra

Description: Develop topics: functions, systems of equations, rational expressions & equations, operations with radicals, rational exponents, quadratic equations & functions, exponential and logarithm functions, and basic right triangle functions.

Purpose - develop an algebraic TOOLBOX

Tests → There will be four tests

1st test in class 5, covers topics covered in classes 1, 2, 3

2nd test in class 8, covers topics covered in classes 4, 5, 6

3rd test in class 11, covers topics covered in classes 7, 8, 9

4th test in last class, covers all topics

Grades

A 93-100    A<sup>-</sup> 90-92

B<sup>+</sup> 87-89

B 83-86

B<sup>-</sup> 80-82

C<sup>+</sup> 77-79

C 73-76

C<sup>-</sup> 70-72

D<sup>+</sup> 67-69

D 63-66

D<sup>-</sup> 60-62

F - 59 or less

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WITHDRAWAL

If you need to discontinue the classes - you must complete a withdrawal form in the Registrar's office at the time of withdrawal. Students who stop attending and do NOT withdraw will be assigned as F grade, that is school policy.

# Math 137 Intermediate Algebra

Review - Solve A Linear equation A-10

Graph A Linear equation

Define slope, y intercept

Use slope, y intercept to graph

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Section 1.5, 1.6

Section 2.3, 2.1, 2.2

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↳ Trigonometry —

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Section 3.2, 3.3

Section 6.1 - 6.6

Section 8.1 - 8.3, 8.5, 8.6

Section 7.1, 7.2, 7.3, 7.5, 7.6, 7.7

Section 9.1, 9.2, 9.5

Section 4.1 - 4.4, 4.5

Section 5.2 - 5.6