

Mathematics 095 Beginning Algebra Instructor: Roger Williams

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Text: Elementary and Intermediate Algebra 5th edition McGraw-Hill
Authors; Baratto and Bergman

Description: Signed numbers, Order of operations, Algebraic expressions
Linear equations and inequalities, Formulas, Problem solving
Cartesian coordinate system, Graphs of linear equations,
Functions, Slope, Systems of linear equations,
Two variable word problems, Exponents and scientific notation,
Operations with polynomials, Operations with radicals,
Pythagorean Theorem

Tests: There will be four tests:
 First test in class 5, covers topics discussed in classes 1, 2, 3
 Second test in class 8, covers topics discussed in classes 4, 5, 6
 Third test in class 11, covers topics discussed in classes 7, 8, 9
 Fourth test in the last class will cover all topics

Grading	A(94 - 100)	A(minus) (90 - 93)	
	B(plus) (87 - 89)	B (83 - 86)	B(minus) (80 - 82)
	C(plus) (77-79)	C (73 - 77)	C(minus) (70 - 72)
	D(plus) (67- 69)	D (63 - 66)	D(minus) (60 - 62)
	F (59 or less)		

Withdrawal

If you find it necessary to stop attending class, contact the registrar's office and formally withdraw.

Sections of the text to be covered in this course

Sections 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7

Sections 2.1, 2.2, 2.3, 2.4, 2.5, 2.6

Sections 3.1, 3.2, 3.3

Sections 4.1, 4.2, 4.3

Sections 5.1, 5.2, 5.3, 5.4, 5.5, 5.6

Section 7.1

NOTE; Please try to attend ALL classes.

Exercises

Page 28 # 1 to 17 odd, 31, 33, 35
Page 29 # 37 to 55 odd
Page 39 # 1, 3, 5, 11, 15, 17, 29, 31; 45 to 55 odd; 79, 81, 83
Page 48 # 1, 3, 5, 7; 9, 11, 13, 15
Page 49 # 27; 35 to 43 odd, 53, 59, 75
Page 75 # 13, 17, 21, 25, 43
Page 87 # 11 to 29 odd, 33, 35, 41, 47, 55; 57, 63, 69, 71
Page 102 # 1, 3, 5, 7
Page 112 # 1, 3, 9, 11; 25, 29, 31, 33
Page 126 # 1, 3, 5, 13, 15, 17, 21, 23, 31, 33, 35
Page 127 # 71, 73, 75, 77
Page 141 # 29, 33, 35, 37, 39, 47, 51, 75
Page 161 # 1 to 23 odd
Page 162 # 25, 27, 29, 37, 39, 41
Page 186 # 1, 5, 13, 15, 25
Page 196 # 1, 23 to 33 odd
Graph the following: $y = 2x - 1$; $y = \frac{2}{3}x - 2$; $y = -\frac{1}{2}x + 1$
Page 279 # 1 to 11 odd; 19, 21, 23, 25; 27, 31, 33, 35
Page 294 # 1, 3, 5, 11, 13, 15, 17; 23, 29, 31, 41, 43
Page 347 # 3, 5, 7, 9
Page 373 # 1, 3, 5, 9, 13, 29; 17, 21, 23, 24; 37, 39, 47
Page 414 left column # 1 to 51 odd
Page 427 left column # 1 to 81 odd
Page 430 # 132 to 140
Page 444 # 9, 11, 23, 31, 33, 35, 49
Page 455 left column # 1 to 83 odd
Page 465 left column # 1 to 19 odd; 21 to 31 odd
Page 560 # 1 to 19 odd
Page 573 left column # 1 to 33 odd
Page 560 # 59, 61, 63
Page 212 # 17 to 23 odd; 31, 33, 35; 41, 43, 45, 47, 51, 53, 75