



## ALC Math 95 Calendar

In order to pass Math 95 in the ALC and earn an override by the time registration begins, plan to complete all of the homework, supplement packet and tests by the 8<sup>th</sup> week. You can also use the full 10 weeks if needed. When you finish your final test I will put the override in the computer for you.

	Sections to Complete	Tests
Week 1	2.1, 2.2, 3.1, 3.3	Chapter 2 practice test(s) suggested
Week 2	3.4, 3.5 5.6 Factoring Review if needed	Chapter 3 and 5 practice test(s) suggested
Week 3	8.3, 8.4, 8.1, 8.2	Chapter 8 practice test(s) suggested
Week 4	Ask Cara for the Midterm Review. Complete it and we will go over it to make sure you are ready for your test	<b>Midterm Test</b> <b>Sections 2.1, 2.2, 3.1, 3.3-3.5, 8.1-8.4</b>
Week 5	6.1, 6.2, 6.3, 6.4	
Week 6	6.5, 7.1, 7.2	Chapter 6 practice test(s) suggested
Week 7	7.3, 7.4, 7.5, 7.6	Chapter 7 practice test(s) suggested
Week 8	Ask Cara for the Final Review. Complete it and we will go over it to make sure you are ready for your test	<b>Final Test</b> <b>All Sections listed above + supplement packet</b>
Week 9	More time to complete math 95 if needed or get ahead in your next math class while completing lab hours	
Week 10	More time to complete math 95 if needed or get ahead in your next math class while completing lab hours	

# ALC Math 95 Homework List

Check Your Answers in the back right away!! Ask us ASAP if you get stuck!!

“**ooo**” means “**every other odd**” (For example: 1, 5, 9, 13, 17, 21, 25, 29, 33, ...)

Section	Topic	Homework Problems
	<b>Chapter 2</b>	<b>Functions – Represented Symbolically, Graphically, Numerically and Verbally</b>
2.1	Functions	1-37 odd, 43-47 odd, 53-67 odd, 71-129 odd, + <b>Supplement</b>
2.2	Linear Functions Review	23-31 odd
	<b>Chapter 3</b>	<b>Linear Equations, Inequalities and Absolute Value</b>
3.1	Linear Equations	23-61 ooo, 67-89 odd, 93, 103
3.3	Linear Inequalities	11-29 odd, 37, 39, 45, 47, 49, 53-73 odd, 89, 97, 99, 101, 109, + <b>Supplement</b>
3.4	Compound Inequalities	3, 4, 5-17 odd, 21-27 odd, 31-61 odd, 65, 73-89 odd, 113, 119, + <b>Supplement</b>
3.5	Absolute Value	3, 5, 7, 8, 9-33 odd, 43-47 all (solve graphically), 53-101 odd, 119, 121
	<b>Chapter 8</b>	<b>Quadratic Equations and Functions</b>
5.6 Optional	Factoring Review if needed	5-53 odd You may also review sections 5.3-5.5 if needed
8.3	Quadratic Equations	1-7, 19-45 odd, 51-63 odd, 71-87 odd, 99, 115, 123, + <b>Supplement problem 2</b>
8.4	The Quadratic Formula	1-9, 15-59 odd, 71, 81, 95-109 odd, 118, 119, 122
8.1	Quadratic Functions and Their Graphs	1-6 9-10, 15-21 odd, 25, 31-63 odd, 83-87 odd, 91-95 odd
8.2	Parabolas and Modeling	3-8, 45-51 odd, 61-77 odd, 93-101 odd, + <b>Supplement and 8.3 Supplement problem 1</b>
	<b>Midterm Review and Test</b>	

	<b>Chapter 6</b>	<b>Rational Expressions, Equations and Functions</b>
6.1	Intro to Rational Functions and Equations	1, 2, 4, 5, 11-57 odd, 65, 69-73 odd, 77, 81, 85, 87, 97-100, + <b>Supplement</b>
6.2	Multiplication and Division of Rational Expressions	1-5, 7, 11-29 odd, 33, 43, 51, 63-97 odd, 111, 115, + <b>Supplement</b>
6.3	Addition and Subtraction of Rational Expressions	1-6, 11-45 odd, 47-73 eoo, 81, 93, 97, 101 + <b>Supplement</b>
6.4	Rational Equations	9-31 odd, 33-47 eoo, 49-63 odd, 66, 69, 73-85 odd, 87, 89, 91, 95, 99, 103, 109
6.5	Complex Fractions	7-33 odd, 41, 47, 48, 51
	<b>Chapter 7</b>	<b>Radical Expressions, Equations and Functions</b>
7.1	Radical Expressions	1-8, 19-51 odd, 59, 61, 75-93 odd, 107, 111 + <b>Supplement</b>
7.2	Rational Exponents	1-16, 17-97 odd, 102, 103
7.3	Simplifying Radical Expressions	1-19 odd, 25-61 odd, 75-97 odd
7.4	Operations on Radical Expressions	1-9, 11, 15, 19, 23, 31, 33, 43, 85, 87, 97-109 odd
7.5	Radical Functions	1-4, 11, 13, 17-37 odd, 43-46, 57, 61 + <b>Supplement</b>
7.6	Equations Involving Radical Expressions	1-4, 9-45 odd, 71, 73, 77, 83-86, 121, 123, 131, 133, 137
	<b>Final Review and Test</b>	