NSCSC High School Algebra I Benchmark Checklist

*Note: These Benchmarks are expectations for this course.
          Key to reading Benchmark Checklist
- Open Dot (o) with score – denotes skill(s) met
- Solid Dot (•) – denotes skill(s) not met
- Checkmark through dot (•) – denotes skill remediated and met

Students are able to:

1ˢᵗ Semester Mastery: ___
2ⁿᵈ Semester Mastery: ___
Final Percent of Benchmarks Mastered: ___

	Number	Description	Standard	Mastery	Student Score			
					1ˢᵗ Try	2ⁿᵈ Try	3ʳᵈ Try	4ᵗʰ Try
		1ˢᵗ Semester						
		Pre-Algebra Benchmarks						
o	44	Solve equations with more than one operation, having variables on both sides.	A1.2.1	75%				
o	45	Use an algebraic equation to solve word problems involving consecutive integers and perimeter.	A1.2.6	75%				
o	46	Solve proportions.	A1.7.2	75%				
o	50	Write linear equations for given information.	A1.4.3	75%				
o	51	Graph linear equations.	A1.4.1	75%				
o	61	Solve inequalities with one variable and graph on a number line.	A1.2.3, A1.2.4	75%				
		2ⁿᵈ Semester						
		Algebra I Benchmarks						
o	62	Solve systems of two equations in two variables.	A1.5.1, A1.5.2, A1.5.4, A1.5.5	75%				
o	64	Simplify polynomial expressions.	A1.6.1-A1.6.5	75%				
o	65	Factor polynomial expressions.	A.1.6.6, A.1.6.7	75%				
o	66	Use factoring to solve quadratic equations.	A1.8.2	75%				
o	72	Solve quadratic equations having real roots.	A1.8.3, A1.8.4, A1.8.6	75%				
o	70	Simplify radical expressions.	A1.1.1, A1.1.2	75%				
o	71	Solve radical equations.	A1.1.8	75%				
o	68	Simplify rational expressions.	A1.7.1	75%				
o	69	Solve rational equations.	A1.7.2	75%				