Essential Standards: Algebra II

Essential	Very Important	Important	N/A

Algebra II

(+) Plus Indicates content needed for advanced courses, such as calculus, advanced statistics, or discrete mathematics. All standards without a (+) symbol should be in the common curriculum for all college and career ready students. But Standards with a (+) symbol may also appear in courses intended for all students.

Number and Quantity - N												
1. The Real Number System: N-RN	N-RNA.1	N-RN.A.2	N-RN.B.3									
2. Quantities: N-Q	N-Q.A.1	N-Q.A.2	N-Q.A.3									
3. The Complex Number System: N- CN	N-CN.A.1	N-CN.A.2	N-CN.A.3+	N-CN.B.4+	N-CN.B.5+	N-CN.B6+	N-CN.C.7	N-CN.C.8+	N-CN.C.9+			
4. Vector and Matrix Quantities: N-VM	N-VM.A.1+	N-VM.A.2+	N-VM.A.3+	N-VM.B.4+	N-VM.B.5+	N-VM.C.6+	N-VM.C.7+	N-VM.C.8+	N-VM.C.9+	N-VM.C.10+	N-VM.C.11+	N-VM.C.12+
Algebra - A												
1. Seeing Structure in Expressions: A-SSE	A-SSE.A.1	A-SSE.A.2	A-SSE.B.3	A-SEE.B.4								
2. Arithmetic with Polynomials and Rational Expressions: A-APR	A-APR.A.1	A-APR.B.2	A-APR.B.3	A-APR.C.4	A-APR.C.5+	A-APR.D.6	A-APR.D.7+					
3. Creating Equations: A-CED	A-CED.A.1	A-CED.A.2	A-CED.A.3	A-CED.A.4								
4. Reasoning with Equations and Inequalities: A-REI	A-REI.A.1	A-REI.A.2	A-REI.B.3	A-REI.B.4	A-REI.C.5	A-REI.C.6	A-REI.C.7	A-REI.C.8+	A-REI.C.9+	A-REI.D.10	A-REI.D.11	A-REI.D.12
Functions - F												
1. Interpreting Functions: F-IF	F-IF.A.1	F-IF.A.2	F-IF.A.3	F-IF.B.4	F-IF.B.5	F-IF.B6	F-IF.C.7	F-IF.C.8	F-IF.C9			
2. Building Functions: F-BF	F-BF.A.1	F-BF.A.2	F-BF.B.3	F-BF.B.4a	F-BF.B.5+							
3. Linear, Quadratic, and Exponential Models: L-LE	F-LE.A.1	F-LE.A.2	F-LE.A.3	F-LE.A.4	F-LE.B.5							
4. Trigonometric Functions: L-TF	F-TF.A.1	F-TF.A.2	F-TF.A.3+	F-TF.A.4+	F-TF.B.5	F-TF.B.6+	F-TF.B.7+	F-TF.C.8	F-TF.C.9+			
Statistics and Probability - S												
1. Interpreting Categorical and Quantitative Data: S-ID	S-ID.A.1	S-ID.A.2.	S-ID.A.3	S-ID.A.4	S-ID.B.5	S-ID.B.6	S-ID.C.7	S-ID.C.8	S-ID.C.9			
2. Making Inferences and Justifying Conclusions: S-IC	S-IC.A.1	S-IC.A.2	S-IC.B.3	S-IC.B.4	S-IC.B.5	S-IC.B.6						
3. Conditional Probability and the Rules of Probability: S-CP	S-CP.A.1	S-CP.A.2	S-CP.A.3	S-CP.A.4	S-CP.A.5	S-CP.B.6	S-CP.B.7	S-CP.B.8+	S-CP.B.9+			
4. Using Probability to make decisions: S-MD	S-MD.A.1+	S-MD.A.2+	S-MD.A.3+	S-MD.A.4+	S-MD.B.5+	S-MD.B.6+	S-MD.B.7+					
Geometry - G												
Expressing Geometric Properties with Equations: G-GPE	G-GPE.A.2											