Mr. Kovacs – Lesson Plans – February 12th – 16th

	Algebra 2 – 1st, 6th Hour	Algebra 1 (EL) – 2nd Hour	Precalculus – 3rd, 4th Hour
Mon. 2/12	Application Opener / Polynomials, Factors, and Zeros (Graphing)	Section 5-2: Parallel and Perpendicular Lines **Assignment #6:** Parallel and Perpendicular WS	Section 1-6: Modeling with Equations Notes / Examples
Tue. 2/13	REVIEW 4-1 TO 4-3	Questions / Check Assignment #6	Section 1-6: Modeling with Equations **Assignment #6:** Pg. 68-74 (Old Book); 14,16,17,28,30,33,37,51,52,58,73,85
Wed. 2/14	**TEST** **4-1 TO 4-3**	Linear Word Problems Review 5-1, 5-2	**Assessment –** **Constructing a Polynomial Function** **Maximizing Volume**
Thu. 2/15	Chapter 5 – Polynomial Equations **Assignment #7:** Factoring Polynomials (Warm-Up Set 1-12)	**QUIZ** **5-1, 5-2**	**Assessment –** **Constructing a Polynomial Function** **Maximizing Volume**
Fri. 2/16	Compare Factors to Graphs (Desmos)	Introduction to Linear Inequalities	Previewing Calculus – Differentiate to find Max/Min values
	Power Standard Define appropriate quantities for the purpose of descriptive modeling. (N.Q.A.2)	**Power Standard** Prove the slope criteria for parallel and perpendicular lines and use them to solve geometric problems. (G.GPE.B.5)	**Power Standard** Create equations that describe numbers or relationships. (A.CED)
	Learning Targets. Find factors to identify the zeros of a polynomial function.	**Learning Targets** Identify slope from a graph. Identify and interpret slopes of parallel and perpendicular lines.	**Learning Targets** Solve equations using various techniques.