

Mr. Kovacs – Lesson Plans – October 16th – 20th

	<u>Algebra 2 – 1st, 6th Hour</u>	<u>Algebra 1 (EL) – 2nd Hour</u>	<u>Precalculus – 3rd, 4th Hour</u>
Mon. 10/16	<u>Matrices and Digital Imaging</u> Challenge Problems	<u>Section 2-4: Solving Equations with Variables on Each Side</u> Assignment #11: Practice Worksheet 2-4	<u>Section 6-3: Properties of the Trigonometric Functions</u> Assignment #9: Unit Circle Plate / Pg. 403-404; 27, 30, 35, 37, 43, 44, 46, 49 (new book)
Tue. 10/17	<u>Determinants and Cramer’s Rule</u> Assignment #10: Determinants WS – 12-29, 36-38, 45	<u>Check Assignment #11 /</u> Student Write-Up	<u>Questions Assignment #9 /</u> Finish Unit Circle Plate
Wed. 10/18	<u>Questions Assignment #10 /</u> Group Challenge	<u>Solving for a Variable</u> Write Out Operations / Develop Steps	<u>Section 6-4: Graphs of the Sine and Cosine Functions</u> Assignment #10: Pg. 429 (old book); 3, 7, 8, 9, 15-18, 19-36 (2&2 – no graphs)
Thu. 10/19	<u>Identity and Inverse Matrices</u> Partner Exploration	<u>Solving for a Variable</u> Assignment #12: Rewriting Formulas Scavenger Hunt	Graphing Trigonometric Functions – Settings on the TI-Nspire
Fri. 10/20	<u>Identity and Inverse Matrices</u> Assignment #11: Inverses Worksheet	Word Problems – Variables on Each Side	Unit Circle – Reference Angels Worksheet
	Power Standard Represent a system of linear equations as a single matrix equation in a vector variable. (A.REI.C.8)	Power Standard Solve linear equations in one variable. (A.REI.B.3)	Power Standard Extend the domain of trigonometric functions using the unit circle. (F.TF)
	Learning Targets Evaluate determinants of 2x2 and 3x3 matrices. Find inverses of square matrices.	Learning Targets Solve equations with variables on both sides. Solve a formula for a given variable.	Learning Targets Graph the sine and cosine functions and transformations of these functions.