Pre-Calculus Schedule-- Unit 8 Matrices and Vectors

Date	Lesson	Target	HW Assignment
20-Mar	7.2 Multiply/Add/Subtract Matrices & Write Real-World Matrices	8E	**HW8-1**--p.588 #7-10,13,17,26,31,47,49
21-Mar	***LATE START Schedule*** 7.2 Inverses, Identity Matrices, and Determinants	8F	**NO Additional Homework**
22-Mar	7.2 Inverses, Identity Matrices, and Determinants / 7.3 Solving Systems of Equations using Matrices	8F	**HW8-2**--p.588 #33,35,37,41,44,45
23-Mar	7.3 Solving Systems of Equations using Matrices	8F	**HW8-3**--p.602 #25,49,51,53,55,67,69 (answer all questions using inverse Matrices methods)
24-Mar	7.3 Solving Systems of Equations using Matrices	8F	**HW8-4**--p.602 #27,43,44,59,61
27-Mar	7.4 Partial Fractions	8G	**HW8-5**--p.612 #1-11 odd
28-Mar	7.4 Partial Fractions	8G	**HW8-6**--p.612 #13-29 odd
29-Mar	6.1 Vectors in the Plane	8A/8B	**HW8-7**--p.511 #5-19odd **Study for Quiz 7.2,7.3,7.4 (Targets8E,F,G)**
30-Mar	6.1 Vectors in the Plane **Quiz 7.2, 7.3, & 7.4 (Targets 8E,F,G)**	8A/8B	**HW8-8**--p.511 #21-39odd
31-Mar	6.1 Vectors in the Plane	8A/8B	**NO Additional Homework**
10-Apr	6.1 Vectors in the Plane	8A/8B	**HW8-9**--p.512 #41-51odd
11-Apr	6.2 Dot Product of Vectors	8C	**HW8-10**--p.519 #1-23odd
12-Apr	6.2 Dot Product of Vectors	8C	**HW8-11**--p.520 #29-43odd
13-Apr	6.2 Dot Product of Vectors	8D	**HW8-12**--p.520 #45-55odd
14-Apr	**NO SCHOOL**-Good Friday	**N/A**	**NO Additional Homework**
17-Apr	Unit 8 (Chapter 6 & 7) Review	N/A	**HW8-13**--Unit 8 Review
18-Apr	***LATE START Schedule*** Unit 8 (Chapter 6 & 7) Review	N/A	**Study for Test**
19-Apr	**Unit 8 (Chapter 6 & 7) Test**	**N/A**	**NO Additional Homework**

Unit 8 Targets

Target 8A: Perform vector operations: scalar multiple and sums and represent them graphically

Target 8B: Perform vector operations: magnitude, direction angle, and unit vector

Target 8C: Calculate and use properties of the Dot Product

Target 8D: Apply properties of vectors to real life situations

Target 8E: Represent a system of linear equations as a single matrix equation in a vector variable

Target 8F: Find the inverse of a matrix, if it exists, and use it to solve systems of linear equations (using technology for matrices of dimension 3 × 3 or greater).

Target 8G: Decompose rational expressions into partial fractions