2025-2026 SPRING Semester (A-days)

Course: ADVANCED ALGEBRA 2

DAY	DATE	TOPIC/LESSON
1	T 1/6/26	**5.1** n^{th} roots Radicals Rational exponents Solving equations using radicals
2	R 1/8	**5.2 DAY 1** Properties of exponents & radicals
3	M 1/12	**5.2 DAY 2** Arithmetic operations with radicals
4	W 1/14	**5.3** Graphing radical functions
5	F 1/16	**Sections 5.1-5.3 Review** (Card sort?)
6	W 1/21	**Sections 5.1 - 5.3 Exam**
7	F 1/23	**5.4** Solving radical equations
8	T 1/27	**5.5** Function operations (+, -, *, /, and compositions)
9	R 1/29	**5.6** Inverse relations and functions
10	M 2/2	**Full Unit 5 Review**
11	W 2/4	**Full Unit 5 Review (continued)**
12	F 2/6	**Unit 5 Exam**
13	T 2/10	**12.1** Probability of unions Probability of intersections Independent events Mutually exclusive events
14	R 2/12	**12.2** Conditional probability
15	T 2/17	**12.3** Permutations & combinations

16	R 2/19	ACT Prep
17	M 2/23	**10.1 & 10.3** Operations with matrices
18	W 2/25	**9.2 & 7.1** Circles Right triangle trig
19	F 2/27	**11.3** Center, shape, & spread of a data distribution Five number summary
20	T 3/3	District Common Assessment
21	R 3/5	**Review ACT Math Topics (10.1, 10.3, 9.2, 7.1, 11.3)**
22	M 3/9	**ACT Math Topics (10.1, 10.3, 9.2, 7.1, 11.3) Exam**
23	W 3/11	**4.1** Inverse variation Direct variation The reciprocal function (graphing) Asymptotes
24	F 3/13	**4.2** Graphing rational functions Horizontal asymptotes Vertical asymptotes
25	T 3/17	**4.3** Multiplying rational expressions
26	R 3/19	**4.4 DAY 1** Adding & subtracting rational expressions
27	T 3/24	**4.4 DAY 2** Compound/Complex fractions
28	R 3/26	**4.5 DAY 1** Solving rational equations
29	M 3/30	**4.5 DAY 2** Work Rate problems
30	W 4/1	**Unit 4 Review**
31	F 4/3	**Unit 4 Exam**
SPRING BREAK		
32	W 4/15	KSA Review

33	F 4/17	KSA Practice on TestNav
34	T 4/21	**6.1 & 6.4** Key features of exponential & logarithmic functions Transformations Exponential growth & decay
35	R 4/23	**6.3** Logarithms
36	M 4/27	**6.2 & 6.5** Compound interest problems Properties of logarithms Change of base formula
37	W 4/29	**6.6** Solving exponential & logarithmic equations
38	F 5/1	**Unit 6 Review**
39	T 5/5	6.7 (Geometric Sequences & Series - 2 days)
40	R 5/7	6.7 (Geometric Sequences & Series - 2 days)
41	M 5/11	6.7 (Geometric Sequences & Series - 2 days)
42	W 5/13	6.7 (Geometric Sequences & Series - 2 days)
43	F 5/15	Review for final exam
44	W 5/20	Review for final exam
45	F 5/22	*Finals week*
46	W 5/27	*Finals week*