

**Mathematics and Economics Connections for Life: 9-12
Arkansas Math Frameworks Correlations**

Pre-Calculus including Trigonometry

↓ frameworks/lessons →	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CONICS															
Content Standard 3: Students will identify, analyze and sketch the graphs of the conic sections and relate their equations and graphs.															
C.3.PCT.1 Identify, graph, write, and analyze equations of conic sections, using properties such as symmetry, intercepts, foci, asymptotes, and eccentricity, and when appropriate, use technology							X								
C.3.PCT.3 Solve, with and without appropriate technology, real world problems involving conic sections							X								
SEQUENCES AND SERIES															
Content Standard 4: Students will use sequences and series to represent, analyze, and solve real world problems and mathematical situations.															
SS.4.PCT.3 Solve, with and without appropriate technology, problems involving the sum (including Sigma notation) of finite and infinite											X				