

FINISHING FALL SEMESTER 2018

NOTE: After what has been a stressful semester for us all, I am seeking to find a way to help us finish our Intermediate Algebra studies solidly and well. Below you will find an updated schedule for the end of the semester and also a list of topics to focus on as you study for your final.

SCHEDULE

Monday	Tuesday	Wednesday	Thursday
13.3 Hyperbolas and Overview of Conic Sections 11/26	11/27 Class canceled due to unfair labor practices protest strike.	11/28 Class canceled due to unfair labor practices protest strike.	14.1-14.3 Sequences & Series A very brief and gentle introduction 11/29
14.4 The Binomial Theorem 12/3	12/4 GUIDED REVIEW	12/5 GUIDED REVIEW	12/6 GUIDED REVIEW
12/10-12/13 FINAL EXAM WEEK Please see your syllabus for the date and time of the final exam for your section.			

KEY TOPICS FOR STUDY FOR YOUR FINAL EXAM

GRAPHING – all parent graphs and transformations of graphs, as well as piece-wise-defined graphs

PARABOLAS – graphs, equations, elements (axis of symmetry, vertex, direction of opening, intercepts, etc.)

CONIC SECTIONS – graphs and equations

FUNCTIONS – inverses and compositions

SYSTEMS OF EQUATIONS – all 4 methods of solving & determining whether dependent, independent, inconsistent, etc.

INEQUALITIES – linear, non-linear, absolute value – using proper notation for answers

RATIONALIZATION – of radical expressions and of complex expressions

APPLICATIONS – particularly maximization/minimization problems, DRT problems

EXPONENTIAL AND LOGARITHMIC FUNCTIONS – graphs, expressions, properties, equations

BINOMIAL THEOREM – full expansion or finding specific terms

***** *To find sections in which to study the above, use the “Sequence of Topics” link on our class website and/or use the table of contents and the index in the back of your textbook.*