

# Section List for Math 31

## Larson, Precalculus with Limits, 5<sup>th</sup> edition

Chapter 1	1.2-1.10	1.3, 1.10 include Applications 1.5: Increasing/decreasing functions and average rate of change are optional 1.10: Variation is required, modelling is optional
Chapter 2	2.1-2.7	2.1, 2.2, 2.5, 2.6 include applications 2.2: The intermediate value theorem is optional 2.5: Other tests for zeros of polynomials is optional
Chapter 3	3.1-3.5	3.5: Growth, decay, and logarithmic models are required. Other models are optional
Chapter 7	7.1, 7.2, 7.5	7.1, 7.2, 7.5 include applications
Chapter 10	10.2-10.4	Eccentricity, foci, directrix are optional. Include applications