Syllabus

Week 1 (Oct. 5): Intervals, Inequalities, Absolute Value

- Week 2 (Oct. 12): Lines, Parabolas
- Week 3 (Oct. 19): Functions: Domain and Range, Piecewise Defined Functions
- Week 4 (Oct. 26): Functions: Exponential Functions, Logarithmic Functions
- Week 5 (Nov. 2): Limit: Limit Laws, One-sided Limit
- Week 6 (Nov. 9): Limits at Infinity, Continuity
- Week 7 (Nov. 16): Review, Problems, Midterm I
- Week 8 (Nov. 23): Derivative: Differentiation Rules
- Week 9 (Nov. 30): Derivative: The Chain Rule,
- Week 10 (Dec. 7): Derivative: Implicit Differentiation
- Week 11 (Dec. 14): Derivative: Optimization Problems,
- Week 12 (Dec. 21): Review, Problems, Midterm II
- Week 13 (Dec. 28): Matrices: Matrix Operations, Matrix Multiplication
- Week 14 (Jan. 4): Matrices: Properties of Matrix Operations