

UPDATED SCHEDULE

Date	Topics	Homework
Monday 3/17	Exponential Applications Day 2: Business, growth/decay, Personal finance (simple and compound interest)	Work on HW#6 Bring Laptop to class on 3/19
Wednesday 3/19	Exponential Functions and Excel Quiz Review	HW #6 – Exponential Applications Due at 11:59 pm Study for Quiz Bring Laptop to class on 3/24
Monday 3/24	Quiz 2 Introduce Case Study #2	Work on Case Study #2
Wednesday 3/26	Exponential Applications Day 2: Personal Finance (annuities, future value, loans, amortization)	Work on Case Study #2
Monday 3/31	Linear Programming: graphing inequalities, graphing with maximizations and constraints	Case Study #2 Due at 11:59 pm – upload to Canvas Work on HW#7 Bring Laptop to class on 4/2
Wednesday 4/2	Linear Programming: Solve linear inequalities with constraints algebraically and graphically	HW #7 – Linear Programming #1 Due at 11:59 pm Work on Case Study #3
Monday 4/7	Linear Programming and Excel: setup and solve maximization problems, interpret solutions using slack variable analysis Introduce Case Study #3	
Wednesday 4/9	Research and Engagement Day – No class	
Monday 4/14	Exam 2 Review	HW #8 – Linear Programming #2 Due at 11:59 pm Study for Exam 2
Wednesday 4/16	Exam 2	

Date	Topics	Homework
Monday 4/21	Derivatives: Introduction, Power rule, exponential rule	Case Study #3 Due at 11:59 pm – upload to Canvas
Wednesday 4/23	Marginal Analysis Quiz 3 Review	HW #9 – Derivatives Due at 11:59 pm Work on HW #10 Study for Quiz 3
Monday 4/28	Quiz 3 Optimization and Applications: finding maximums and minimums, marginal cost and profit	Work on HW # 9 Bring Laptop to class on 4/30
Wednesday 4/30	Finish: Optimization and Applications: finding maximums and minimums, marginal cost and profit Optimization on Excel	HW #10 – Derivative Applications Due at 11:59 pm
Monday 5/5	Exam 3 Review	Study for Exam 3
Wednesday 5/7	Exam 3 8:00 am – 10:30 am Report to regular classroom	