

**San José State University  
Economics Department  
ECON 104, Mathematical Methods for Economics, Section 02,  
Fall 2019**

**Course and Contact Information**

Instructor:

maximization, equilibrium conditions in output and input markets, and the national income model.

CLO 2: identify and





## ECON 104 / Math Econ, Fall 2019, Course Schedule

### Course Schedule

*This is the planned schedule for the course. In addition to the listed readings, additional readings may be assigned and will be handed out in the classroom and posted on Canvas. Any changes to this schedule will be communicated in the class and through Canvas.*

Week	Date	Topics, Readings, Assignments, Deadlines
1	8/21	Syllabus, Introduction
2	8/26 8/28	Properties of Functions, Ch 4, 5
3	9/4	Differentiation, Ch 6 <b>No class 9/2</b>
4	9/9 9/11	Derivatives in Use, Ch 7
5	9/16 9/18	Derivatives in Use, Ch 7 <b>Graded Homework 1 Due 9/18 Mid Term 1 9/18</b>
6	9/23 9/25	Single Variable Optimization, Ch8
7	9/30 10/2	Single Variable Optimization, Ch8
8	10/7 10/9	Functions of Many Variables, Ch 11
9	10/14 10/16	Functions of Many Variables, Ch 11 <b>Graded Homework 2 Due 10/16 Mid Term 2 10/16</b>
10	10/21 10/23	Multivariable Optimization, Ch 13
11	10/28 10/30	Constrained Optimization, Ch 14
12	11/4 11/6	Linear Regression
13	11/13	<b>Graded Homework 3 Due 11/13 Mid Term 3 11/13</b>
14	11/18 11/20	Matrix and Vector Algebra, Ch15
15	11/25 11/27	Determinants and Inverse Matrices, Ch 16
16	12/2 12/4	Linear Programming (Time Permitting)
17	12/9	<b>Review</b>
18	12/16	<b>Final Exam December 16<sup>th</sup></b>