Tentative schedule of topics:

1. Linear Algebra, projections
2. Random Vectors
3. The Linear Model
4. Fitting of Regression Models
5. Simultaneous Confidence Intervals
6. Two and Three Way ANOVA
7. Shrinkage estimation

Tentative Homework:

Sec 1.2 1-5   Sec 1.3 1,2,4,5   Sec 1.6 1,2,4,10   Sec 1.7 1,3,4,5,6,8,9,11,12
Sec 2.1 2-5   Sec 2.2 2-4   Sec 2.3 2,3   Sec 2.4 1,3,4,5   Sec 2.5 1-6
Sec 3.1 1,3,5   Sec 3.2 1a,2,3,5,6   Sec 3.3 1,2,4   Sec 3.4 1,2,4   Sec 3.5 1,3,4,5abc
   Sec 3.5 1,3,4,5abc   Sec 3.6 1   Sec 3.7 1,2
Sec 5.1   Sec 5.2 2,3   Sec 5.4 1,2
Sec 6.1 1,4

Exams:

Exam 1: (30%), Thursday, October 7
Exam 2: (30%), Thursday, November 11
Final Exam: (40%), Thursday, December 16, 1-4 pm

University Mask policy: Masks required in classrooms