Google Drive: Slides, homework assignments, and code snippets can be found on my personal Google Drive:

https://drive.google.com/drive/folders/1Onoh2STe5P_XbtRepC8NAPe4xqGP82TX?usp=drive_link

References: This is an incomplete list of references used to create the notes for the course. You do not need to purchase these books.

- Charles Pugh, Real Mathematical Analysis, Springer, 2002

Objectives: This course is designed to prepare incoming MFE students for the UCLA MFE program. It will be taught at an upper-division undergraduate level.

Tentative Course Outline:

July 9: Calculus
July 11: Calculus
July 16: Calculus
July 18: Calculus
July 23: Linear Algebra
July 25: Linear Algebra
July 25: Linear Algebra
July 30: Multivariable Calculus
August 1: Multivariable Calculus
August 6: Combinatorics and Probability
August 8: Probability
August 13: Probability
August 15: Statistics
August 20: Statistics
August 22: Stochastic Calculus

Grading Policy: Three homework assignments each worth 33%. Submit via email. If you choose to work in teams, only submit one assignment per team. Remember to place everyone’s name on the assignment. Groups may not contain more than four people. The course is P/NP. No letter grades will be given.