

COLLEGE OF CHEMISTRY COURSE GUIDE (../INDEX.HTML)

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IEOR 172 - TECHNOLOGY FIRM LEADERSHIP (3 UNITS)

(Taken from the UC Berkeley Course Guide (<http://guide.berkeley.edu>))

COURSE OVERVIEW

SUMMARY

This is an introductory course in probability designed to develop a good understanding of uncertain phenomena and the mathematical tools used to model and analyze it.

Applications will be given in such areas as reliability theory, risk theory, inventory theory, financial models, and computer science, among others. To complement the theory, the course also covers the basics of stochastic simulation. This course is a probability course and cannot be used to fulfill any engineering unit or elective requirements.

PREREQUISITES

Students should have a solid knowledge of calculus, including multiple variable integration, such as Mathematics 1A-1B or 16A-16B, as well as programming experience in Matlab or Python

Students will receive no credit for 172 after taking Statistics 134 or Stat 140. Fall only

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TIME COMMITMENT

UC Berkeley Course Guide (<http://guide.berkeley.edu>)

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(<https://www.fsu.edu/college-of-education/graduate/curriculum>)

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