



ACTUARIAL SCIENCE 325
"THEORY OF INTEREST/MATHEMATICS OF FINANCE"

Calendar Description: H(3-1T)

Measurement of interest, elementary annuities, general annuities, amortization schedules and sinking funds, bonds and other securities.

Prerequisite: Mathematics 253 or 263 or 283 or Applied Mathematics 219; or Mathematics 249 or 251 or 281 or Applied Mathematics 217 with the permission of the Division.

Suggested Text: "Theory of Interest", S.G. Kellison (second edition), 1991.

Syllabus

Note: This syllabus is to correspond closely with the Interest Theory (and Finance) portions of Exam FM of the Society of Actuaries:

Text Chapters 1-3 (exclude 3.6, 3.10),
4-5(exclude 5.8-5.9),
6 (exclude 6.7-6.8),
7.3, 7.4,
8.5-8.7.
additional sections from Ch 7, 8, 9 if time and class interest permits.

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2005:07:04
prerequisite revision Fall 2008 (to include new calc courses)
DS:jml