

Theory of Interest
Spring 2011
Course Syllabus

Instructor: Dr. Jayawardhana
Office: 207 Yates Hall
Office Hours: Check the timetable below

Phone: 235-4414
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Text: **ACTEX Study Manual for the SOA Exam FM and CAS Exam 2, 2009, 2010, or 2011 Edition.**

Authors: **Matthew J. Hassett, Ph.D., Michael I. Ratliff, Ph.D., ASA, Amy C. Steeby, MBA, Toni Coombs Garcia**

Supplementary Texts:

- (1) Financial Mathematics: A Practical Guide for Actuaries and other Business Professionals, second edition by Chris Ruckman and Joe Francis
- (2) Derivatives Markets, second edition by Robert L. McDonald
- (3) Mathematics of Investment and Credit (3rd edition) by S.A. Bowerman
- (4) The Theory of Interest, third edition by Stephen G. Kellison

Prerequisites: Math 153 or Math 155

Objective: The objective of this class is to prepare students for the theory of interest section of the Course 2 examination of the Casualty Actuarial Society and the Society of Actuaries.

Coverage: All the Modules

Evaluation:	Four One Hour Tests	= 400 points
	Quizzes	= 100 points (Only 10 minutes per quiz)
	Homework	= 100 points
	Comprehensive Final	= 200 points

Grading Scale:	90%-100%	= A
	80%-89%	= B
	70%-79%	= C
	60%-69%	= D
	<60%	= F

Instructor keeps the right to lower the scale if necessary.

If you have a special need addressed by the **American with Disabilities Act**, please notify me immediately so that appropriate accommodations can be provided. Final grade will be based on the instructor's grade book. Please use Angel to check each individual grade.

Instructor's Time-table

	Monday	Tuesday	Wednesday	Thursday	Friday
8.00-8.50 MWF	Math 658-01 YH 216	Office	Math 658-01 YH 216	Office	Math 658-01 YH 216
9:30-10.45 TH 9.00-10.00 MWF	Office	Math 643/743 YH 106	Office	Math 643/743 YH 106	Office
10.00-10.50 MWF	Math 543-01 YH 216		Math 543-01 YH 216		Math 543-01 YH 216
11.00-12.15 TH	Office	Math 143-10 Yates 106	Office	Math 143-10 Yates 106	Office
12.00-1.00 MWF 12.15-1.00 TH	L	U	N	C	H
1.00-1.50	Math 143-07 YH 226	Office	Math 143-07 YH 226	Office	Math 143-07 YH 226
2.00-3.00					
7.00-9.00					

* Note that from 2.00 p.m. to 5.00 p.m. there are other commitments such as independent studies, committee meetings, departmental meetings, departmental colloquia etc. You are encouraged to use the office hours allocated before 2.00 p.m. If my office hours conflict with your other classes please let me know.