

STAT 287
Statistics Lab I
Winter 2015

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Class Schedule: Fridays, 18:00-20:15 in H 539, SGW.
From March 6 to April 3, 2015.

Reference Book: ACTEX Study Manual for the SOA Exam P and CAS Exam 1, by S.A. Broverman, ACTEX, 2010 Edition.

ASM Study Manual for Exam P/Exam 1 Probability, by Krzysztof Ostaszewski, 15th Edition.

Outline: The objective of this lab is to help prepare for Preliminary Actuarial Exam P (Probability) of the Society of Actuaries and the identical Exam 1 of the Casualty Actuarial Society. This lab is a supplement of Actuarial Mathematics Lab 1. This lab first develops knowledge of the fundamental probability tools for quantitatively assessing risk. The application of these tools to problems encountered in actuarial science is then emphasized through problem solving sessions. More advanced probability and supporting calculus techniques in actuarial science are also studied in this lab.

Course Evaluation: Based on the final examination only (100%).

Calculators: Only the following models of Texas Instruments calculators are approved:

- BA-35
- BA II Plus
- BA II Plus Professional Edition
- TI-30Xa, TI-30XS MultiView (or XB)
- TI-30XIIS (or XIIB)