

STAT 287
Statistics Lab I
Winter 2022

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Class Schedule: Tuesdays, 18:00-20:15 in FB S113, SGW.
From March 8 to April 05, 2022.

Reference Books: ACTEX Study Manual for SOA Exam P, by S. A. Broverman, ACTEX, Spring 2019 Edition.

ASM Study Manual for Exam P, by A. Weishaus, 3rd Edition, 2018.

ASM Study Manual for Exam P/Exam 1, by K. Ostaszewski, 17th Edition (for 2016).

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 to Actuarial Mathematics Lab I. 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%). The final exam will be given online through the Moodle platform on April 12 from 18:00 - 21:00

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

- BA-35
- BA II Plus
- BA II Plus Professional
- TI-30Xa

- TI-30X II (or IIS solar or IIB battery)
- TI-30XS MultiView (or XB battery)
- Calculators approved by the Department of Mathematics & Statistics (with a sticker as proof of approval)

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