

STAT 287
Statistics Lab I
Winter 2018

- Instructor:** Dr. Klaus Herrmann, Office: LB 1041.22 (SGW), Phone: 514-848-2424, Ext. 5466
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- Class Schedule:** Tuesdays, 18:00-20:15 in H-539, SGW.
From February 27 to March 27, 2018.
- Reference Books:** ACTEX Study Manual for SOA Exam P, by S. A. Broverman, ACTEX, Spring 2018 Edition.
- ASM Study Manual for Exam P, by A. Weishaus, 2nd 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%).
- 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)