MATH / STAT 3380
Sample Survey Methods
2024/2025 Winter

Instructor:	Dr. Lam Ho
Time:	MW 10:05 am-11:25 am (Jan 6, 2025 - April 7, 2025)
Location:	LSC-PSYCHOLOGY P4260
Office hours:	MW 12:00 pm - 1:00 pm
Office:	CHASE building 301
Email:	Lam.Ho@dal.ca

Course Description: The development of design and analysis techniques for sample surveys

Course Prerequisites: MATH / STAT 2060

Textbook: Sampling: Design and Analysis, Sharon L. Lohr.

Course Assessment: Your numerical grade is computed from 4 assignments (5% each), a take-home midterm exam (30%), and a final exam (50%).

Component	Weight (% of final grade)	Tentative open date	Tentative due date
Assignments 1	5%	January 22th	January 29th
Assignments 2	5%	February 5th	February 12th
Midterm (take-home)	30%	February 26th	February 27th
Assignments 3	5%	March 12th	March 19th
Assignments 4	5%	March 26th	April 2nd
Final	50%	NA	NA

Conversion of numerical grades to Final Letter Grades follows the <u>Dalhousie Common Grade Scale</u>

A+	(90-100)	**B+**	(77-79)	**C+**	(65-69)	**D**	(50-54)
A	(85-89)	**B**	(73-76)	**C**	(60-64)	**F**	(<50)
A-	(80-84)	**B-**	(70-72)	**C-**	(55-59)		

Course Policies:

- No late assignments will be accepted. Extension for the assignments will only be granted in exceptional circumstances.
- Assignments and midterm exam can be hand-written (legible) or typed. However, they have to be submitted in **PDF format** via **brightspace**. There are free scanning apps for phones (Tiny Scanner) and free online PDF converters (`https://smallpdf.com/pdf-converter`).
- Students **are not allowed to work together** on assignments and exams.
- Students are responsible for making aware of any announcement regarding the course during class and on brightspace.

Course Content:

Topics
Simple Probability Samples
Stratified Sampling
Ratio and Regression Estimation
Cluster Sampling with Equal Probabilities
Sampling with Unequal Probabilities
Additional topics