

Mathematics 2310
Elementary Probability and Statistics
Fall 2023

Instructor: Dr. Luis Santiago

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Lectures: Tuesdays and Thursdays from 5:30 PM to 7:00 PM, SN1015

Labs: Tuesdays from 4:30 PM to 5:30 PM, RB1042

Office hours: Mondays from 1:00 PM to 2:00 PM, RB3008

Textbook: *Statistics*, 13th Edition by James T. McClave and Terry Sincich. Student's Solution Manual (Optional).

Description: This course is an introduction to elementary probability and statistics. Topics include sample space and events, elementary probability, descriptive statistics using tables and charts, measures of central tendency, variability and association, basic discrete and continuous distributions, sampling distributions, hypothesis testing and confidence intervals, simple linear regression and correlation, etc. Basically, we will cover Chapters 1-7, and 11.

Labs: The lab will reinforce concepts through explanations and examples, as well as provide students with the opportunity to ask questions about the content given in class or assignment problems.

Grading Scheme:

Assignments	20 %
Midterm Exam 1 (Tuesday October 3 from 5:30 PM to 7:00 PM)	15 %
Midterm Exam 2 (Tuesday November 7 from 5:30 PM to 7:00 PM)	15 %
Final Exam	50 %

Assignments: Assignments will be collected and graded online using the free online homework system WebWork. A link to WebWork can be found on the d2l webpage of the course.

Accommodations: Lakehead University is committed to achieving full accessibility for persons with disabilities. Part of this commitment includes arranging academic accommodations for students with disabilities to ensure they have an equitable opportunity to participate in all of their academic activities. If you think you may need accommodations, you are strongly encouraged to contact Student Accessibility Services (SAS) and register as early as possible. For more information, please visit:

<http://studentaccessibility.lakeheadu.ca>

Important Dates: Please note the following important dates:

Tuesday September 5, 2023:	First day of classes
Monday December 4, 2023:	Final day of classes
Friday November 3, 2023:	Final date to withdraw
Thursday December 7 to Sunday December 17:	Examination Period
Monday December 18, 2023:	Exam Contingency Date
Monday October 9 to Friday October 13:	Study Week