



ORIGINAL COURSE IMPLEMENTATION DATE: September 1994  
 REVISED COURSE IMPLEMENTATION DATE: September 2015  
 COURSE TO BE REVIEWED: (six years after UEC approval)  
 Course outline form version: 09/15/14

## OFFICIAL UNDERGRADUATE CROSS-LISTED COURSE OUTLINE FORM

Note: The University reserves the right to amend course outlines as needed without notice.

<b>Course Code and Number:</b> MATH 270	<b>Number of Credits:</b> 4 <a href="#">Course credit policy (105)</a>
<b>Course Full Title:</b> Introduction to Probability and Statistics <b>Course Short Title (if title exceeds 30 characters):</b> Intro to Probability and Stats	
<b>Faculty:</b> Faculty of Science	<b>Department (or program if no department):</b> Mathematics & Statistics
<b>Official Course Outline:</b> This is a cross-listed course. Please refer to <b>STAT 270</b> for the official course outline.	
<b>Calendar Description:</b> An introduction to the theory and practice of statistics for engineering and science students who have experience with calculus. Topics include descriptive statistics, probability, random variables, binomial, hypergeometric, Poisson, uniform, normal and exponential distributions, sampling distributions, confidence intervals and hypothesis tests for means and proportions, Pearson's Chi-squared test, correlation, and linear regression.  Note: This course is offered as STAT 270 and MATH 270. Students may only take one of these for credit.  Note: Students with credit for STAT 104 or STAT 106 may subsequently take STAT 270/MATH 270, but students with credit for STAT 270/MATH 270 may not subsequently take STAT 104 or STAT 106.	
<b>Prerequisites (or NONE):</b>	One of the following: MATH 112, MATH 118, or a B or better in MATH 141.
<b>Corequisites (if applicable, or NONE):</b>	
<b>Pre/corequisites (if applicable, or NONE):</b>	
<b>Equivalent Courses (cannot be taken for additional credit)</b> Former course code/number: Cross-listed with: <b>STAT 270</b> Equivalent course(s): <i>Note: Equivalent course(s) should be included in the calendar description by way of a note that students with credit for the equivalent course(s) cannot take this course for further credit.</i>	<b>Transfer Credit</b> Transfer credit already exists: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Transfer credit requested (OReg to submit to BCCAT): <input type="checkbox"/> Yes <input type="checkbox"/> No (if yes, fill in transfer credit form) Resubmit revised outline for articulation: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No To find out how this course transfers, see <a href="http://bctransferguide.ca">bctransferguide.ca</a> .
<b>Department / Program Head or Director:</b> Cynthia Loten	<b>Date approved:</b> November 24, 2014
<b>Faculty Council approval</b>	<b>Date approved:</b> January 9, 2015
<b>Campus-Wide Consultation (CWC)</b>	<b>Date of posting:</b> February 13, 2015
<b>Dean/Associate VP:</b> Lucy Lee	<b>Date approved:</b> January 9, 2015
<b>Undergraduate Education Committee (UEC) approval</b>	<b>Date of meeting:</b> March 27, 2015