



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

July 1994  
 January 2020  
 January 2021

## OFFICIAL UNDERGRADUATE CROSS-LISTED COURSE OUTLINE FORM

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

Course Code and Number: MATH 450		Number of Credits: 3 <a href="#">Course credit policy (105)</a>	
Course Full Title: Statistical Theory Course Short Title (if title exceeds 30 characters): Statistical Theory			
Faculty: Faculty of Science		Department (or program if no department): Mathematics and Statistics	
<b>Official Course Outline:</b> This is a cross-listed course. Please refer to <b>STAT 450</b> for the official course outline.			
<b>Calendar Description:</b> A course in mathematical statistics. Distributions of functions of random variables; transformations; beta, t, F, multivariate normal distributions; order statistics; convergence in distribution and probability; Law of Large Numbers; Central Limit Theorem; method of maximum likelihood; inference.  Note: This course is offered as STAT 450 and MATH 450. Students may only take one of these for credit.			
Prerequisites (or NONE):		MATH 370/STAT 370 or (MATH 270/STAT 270 and MATH 211).	
Corequisites (if applicable, or NONE):			
Pre/corequisites (if applicable, or NONE):			
<b>Equivalent Courses (cannot be taken for additional credit)</b> Former course code/number: Cross-listed with: <b>STAT 450</b> Equivalent course(s): <b>STAT 450</b> <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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Transfer credit requested (OReg to submit to BCCAT): <input type="checkbox"/> Yes <input checked="" 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> .	
Department / Program Head or Director: Cynthia Loten		Date approved: April 2019	
Faculty Council approval		Date approved: May 3, 2019	
Campus-Wide Consultation (CWC)		Date approved: May 3, 2019	
Dean/Associate VP: Lucy Lee		Date of posting: June 21, 2019	
Undergraduate Education Committee (UEC) approval		Date of meeting: August 29, 2019	