STATISTICAL SCIENCE 2035 – 2021-22

Instructor	Sec	Day/Time	Location	email	Office/Phone (519-661-2111)
r Jo rs		F ꝫ ꝫ	EB	r u o	C
r t v opp		F ꝫ ꝫ	t	opp st ts u o	C

1. Prerequisite(s):

You n   on u ours n rst r n v rs t v   t   u s App   t   t s , ꝫ
 t t st   n s   , A B C   u us   A B or   A B C   u us ꝫ A B or   A B   t   t s
     A B or t   or r   n r A   r   A B   t   t s   A B   A B   A B

Anti-requisite(s):

A ot r ours s or   ours s n Intro u tor   t t st s   pt t t st   n s ꝫ A B n
  t t st   n s   , A B   s   ns t t ou n t   t ts ꝫ   ou too t ts   , A B n   pr or
   r B   ou nnot t   t ts ꝫ   n   , A B t t   A E t

Students are advised that they are responsible to ensure that they possess the necessary prerequisites (or have written special permission) and that de-registration may occur at <u>any time</u> if they lack the prerequisite or have taken an anti-requisite course.

2. Textbook

5. Course Outline (with "approximate" length of time for each chapter):

Chapter	Topics
1 – Introduction (1 week)	t ons to t t st on pts v r s n t t sur nt ntro u t on to t n us n ss n t s
2 – Charts and Graphs (1 week)	t ons to , Fr qu n str ut ons r p n t or t r p n sur nt t rts n r p s or t o v r s r not ov r n s t on
3 – Descriptive Statistics (1.5 weeks)	t ons to , sur s o ntr n spr s p s o str ut ons o p ots us n ss n t s us n s r pt v st t st s
4 – Probability (2.5 weeks)	t ons, to, ntro u t on un ons n nt rs t ons t on n u t p t on s on t on pro t B s ru
5 – Discrete Distributions (2 weeks)	t ons to G n r s r t str ut ons B no o sson n H p r o tr str ut ons
6 – Continuous Distributions (2 weeks)	t ons to , G n r ont nuous str ut ons un or n pon nt str ut ons or str ut on nor ppro t on to t no
7 – Sampling and Sampling Distributions (1 week)	t ons to p n t n qu s s p n str ut ons o t s p n n o t s p proport on
8 – Inference: Estimation for Single Populations (2 weeks)	t ons to Con n nt rv s or po

6. <u>What Are Your Going to Be Graded On? (6 things)</u>

a) <u>Midterm Exams</u> our   s

E **<u>Friday</u> November 19, 2021 -- 7 pm to 9:30 pm** op s BA
E **<u>Friday,</u> February 4, 2022 -- 7 pm to 9:30 pm** op s BA

E   ov r on   t r s n t st rt o   ss s   or E   or s n t   rst
or E   E   on   ons st o   u t p   o   qu st ons n
C   ED B   A or u p   prov   t

NOTE   r   s   u   ur n t D   r   p r o

b) <u>Final Exam</u>

Scheduled for the final exam period   n   our   os   oo
ov r n   t r   Y s n   t r E   It   ov r t   o   r ut
on t   st on t r o t   t r   It   ons st o   u t p   o   qu st ons A
or u p   prov

Cellular phones, iPods, and other similar technology are *not* permitted in the exam room.
s   ns t t   u r p on s   o s n ot r s   r t   no o **cannot** us   s
t   p r o   u tor or or n ot r purpos

You will also need a <u>non-programmable calculator</u> for all exams/in-class tests.

c). <u>In-class Quizzes</u>

r   , p r t r s ort r tt n ns r qu st on qu   s t t   v n t t
v r st rt o   ss on t   o o n **MONDAYS:**

to r,	J nu r ,
to r	F ru r ,
ov r	r
D r	r

- u u   s   st rt r t t t **start** o t   ss n ou   v   nut s to o p t t ss n qu st ons **do NOT be late for class on these dates; no extra time will be given**
- **The quizzes will be DIFFERENT for each section of the course (they are not common quizzes, so you MUST go to the classroom of your official section on the day of the quiz)**
- qu   s   ons st o   qu st ons or r q t   t   J E u u q

d). <u>Adaptive Learning Question Sets</u>

s   r to   o   p t   t rou   t .   us EX B   s t   n s prov
on t   ours .   p   r s on s t or   o t   rst   pt rs o t   t t oo

<u>What Are They?</u>

- r   u t p   o   qu st ons t n ro t   t r   ov r   n   pt r o
  t t t oo   n   t ns on t   ours   t r t t s   n post   or   s t on
- r v   on t t t oo   s t   ou n   ss to t   t t oo   s t
- tu   nt pro r ss t   s nt ,

e). Clicker Participation

C   rs or   r t   no o   on   our s   rt p on

C   rp rt   p t on on   r qu r st   t ou tr

9. <u>Student Absences</u>

Academic Consideration for Student Absences

tu nts o p r n   n t nu t n   r u st n   n ss n ur or ot r   t nu t n
r u st n   su   nt s n   nt to t   por r   r n r t   un   to   t
r qu r   nts   su   t r qu st or   ons r t on t rou t   o o n rout s

  u tt n   port A s n   A or prov   t t t   on t ons or
su   ss on r   t   o   or   port A s n

    n s n   ust   no   or t n,   ours
t   ss ss nts ust   ort no   or t n   o t stu nts n   r
no   or t nt o As   su tt   ur n t F . nt r t r

For   s n s su   tt n   tu nt   C rt   t   C s n
ns   or   nt   t pr t t on r to t

10. <u>Accommodation and Accessibility</u>

Accommodation Policies

tu nts t s t s or t A ss E u t on or r D prov s
r o n t ons or o o t on s on o u nt t on or ps o o n
o n t v t st n po on