

PSYCHOLOGY 300A – Section A01
Statistical Methods in Psychology I
Fall (Sept. - Dec.) 2024 : CRN 12969

TERRITORY ACKNOWLEDGMENT

We acknowledge and respect the L!k#!\$!n (Songhees and Esquimalt) Peoples on whose territory the university stands, and the L!k#!\$!n and W&SÁNE& Peoples whose historical relationships with the land continue to this day.

COURSE DESCRIPTION AND OBJECTIVES

To provide a conceptual and practical understanding of descriptive and inferential statistical analysis as applied to experimental research in Psychology. Because I believe that learning and teaching is a bi-directional process between student and instructor, I anticipate that we will both prepare for each class.

REQUIRED TEXTBOOK

There is no required textbook for this class. I will make all slides available prior to lectures. Over the years, I have found that students do just as well from studying from the lecture slides as they do from additional notes.

PREREQUISITES AND REGISTRATION

COURSE EVALUATION

Comprehension of course material will be assessed through:

- (a) performance on 3 midterm exams (worth 15% each , 45% total)



ACADEMIC INTEGRITY

I have a zero tolerance policy towards academic integrity violations. I reserve the right to use cheating detection software or other platforms to assess the integrity of student work. **Do not cheat in this class!**

APPLICATIONS OF COURSE MATERIAL

Homework Assignments: You will be given 11 graded homework assignments worth a total of 5% of your final grade. The homework will provide you with opportunities to test your mastery of the material. There is simply NO substitute for wrestling a statistics problem to the ground yourself in order to understand the material. You will be required to enter your answers to the homework questions on Brightspace. Answer keys will be provided once the homework closes. Please pay attention to closing dates and times, especially around exams. The lowest two homework grades will be dropped.

Labs: To further facilitate your integration of the course material, you will participate in GRADED lab exercises worth 10% of your final grade. There will be a total of 11 labs (7 regular labs and 4 *R* labs), with the lowest regular lab mark and lowest computer lab mark being dropped. Further information is provided in the Lab Document provided on Brightspace. Please note, labs in PSYC 300A are mandatory, and you must get a passing grade (50% or higher) in the lab portion of the course. If you do not get a passing grade in the labs, you will be ineligible to write the final exam and will receive a failing grade (F) in the course regardless of your performance on the rest of the material. As we drop the two lowest labs, there are no make-up labs, etc.

iClicker Responses: In order to assess concept attainment in class, iClickers will be used during the lectures. You will be graded on your correct responses. Each correct iClicker response will be worth 0.1% of your total grade, to a maximum of 3%. It is expected that there will be approximately 40+ iClicker questions distributed throughout the term, which means that you should bring your iClicker to every class. As only the top 30 iClicker points count towards your final mark, there are no make-up questions, etc.

STUDY GROUPS?

Working together in groups of 2 to 4 people on a regular basis (not just the day before the exam!) is helpful for some people. It is perfectly acceptable for a study group to come for assistance “en masse” during pre-arranged office hours.

COMPUTER SOFTWARE FOR STATISTICAL ANALYSIS (R)

We will be introducing the R software package (and R studio) during the labs in PSYC 300A and will use it more extensively in PSYC 300B.

GENERAL STATEMENT OF BEHAVIOURAL EXPECTATIONS

The University of Victoria is committed to promoting, providing & protecting a positive, supportive, and safe learning and working environment for all its members and so am I. If you have any concerns regarding the activities that are intrinsic to PSYC 300A, please see me in the first week of the term.

Respect for Diversity: It is my intent that students from all diverse backgrounds and perspectives be well-served by this course, that students' learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength and benefit. It is my intent to present materials and activities that are respectful of diversity: gender, sexuality, disability, age, socio-economic status, ethnicity, race, and culture. Your suggestions are encouraged and appreciated. Please let me know ways to improve the effectiveness of the course for you personally or for other students or student groups. In addition, if any of our class meetings conflict with your religious events, please let me know so that we can make arrangements for you.

COURSE ACCESSIBILITY

The University of Victoria is committed to creating a learning experience that is as accessible as possible. If you are registered with the Centre for Accessible Learning and anticipate or experience any barriers to learning in this course, please feel welcome to discuss your concerns with me. If you are a student with a disability or chronic health condition, you can meet with a CAL advisor to discuss access and accommodations.

STATEMENT OF COPYRIGHT NOTICE

All lecture notes and course materials provided to you including all exams and quizzes are my intellectual

UNIVERSITY OF VICTORIA
Department of Psychology
Important Course Policy Information
Fall Session 2024

Accessible Learning

The University of Victoria is committed to creating a learning experience that is as accessible as possible. If you are registered with the [Centre for Accessible Learning](#) and anticipate or experience any barriers to learning in this course, please feel welcome to discuss your concerns with your instructor. If you are a student with a disability, please contact the Centre for Accessible Learning for more information. The University of Victoria is committed to creating a learning experience that is as accessible as possible. If you are registered with the [Centre for Accessible Learning](#) and anticipate or experience any barriers to learning in this course, please feel welcome to discuss your concerns with your instructor. If you are a student with a disability, please contact the Centre for Accessible Learning for more information. The University of Victoria is committed to creating a learning experience that is as accessible as possible. If you are registered with the [Centre for Accessible Learning](#) and anticipate or experience any barriers to learning in this course, please feel welcome to discuss your concerns with your instructor. If you are a student with a disability, please contact the Centre for Accessible Learning for more information.

Medical documentation for short-term absences is **not required** (approved by Senate). Students who cannot attend due to illness are asked to notify their instructors immediately. If illness, accident, or family affliction causes a student to miss the final exam or to fail to complete any required assignment/assessment by the end of the term students are required to submit a request for academic concession (see below).

Children and Pets

If you need to bring your children or pet to class, please do not hesitate to do so. It is understood that sometimes this is necessary due to care circumstances. However, please aim to have minimal class disturbance so that student learning is not impacted.

Class Recording and Auto-Captioning Statement errors. If you find a captioning error, please contact your instructor and/or teaching assistant that they are aware. If you require captions as part of an academic accommodation, please contact [CAL](#).

Commitment to Inclusivity, Diversity

at for all its members. All members of the university community have the right to this experience and ability to help create such an environment. The University will not tolerate racism, sexualized violence, of discrimination, bullying, or harassment.

advised that, by logging into UVic's learning systems or interacting with online resources and course-communication platforms, you are engaging in a University activity.

ons within this environment are subject to the university expectations and policies. Any concerns about conduct may be reviewed and responded to in accordance with the appropriate university policy.

Policy on Academic Integrity including Plagiarism and Cheating

The Department of Psychology fully endorses and intends to enforce rigorously the [Senate Policy on Academic Integrity](#). It is of utmost importance that students who do their work honestly be protected from those who do

Prerequisites

Students who remain in courses for which they do not have the prerequisites do so at their own risk. Students who complete courses without prerequisites ARE NOT exempt from having to complete the prerequisite course(s) if such courses are required for the degree program.

Program Requirements

For more information see the [UVic Calendar](#).

Registration Status

Students are responsible for verifying their registration status. Registration status may be verified using My Page, View Schedule. Course adds and drops will not be processed after the [deadlines](#) set out in the current UVic Calendar.

Students who do not attend classes must not assume that they have been dropped from a course by an academic unit or an instructor. Courses that are not formally dropped will be given a failing grade, students may be required to withd (i)5 (l)5.1 (/ (ng)6.1 (t)2.6 (e)9 (t)2.6 (hd (a (l)5.1 (no)1.9 (t)2.V 9 (e)9 tT2B(t)2.73tm5L1 (i)dT06 (s)-1(i)5.1 (t)2.6 Tc 0 T6 (a

This classroom is a trans-inclusive space

Please indicate if you have a preferred name and pronoun that you'd like to be used in the classroom. Please e-mail your instructor or your TA if you would like to discuss the climate of this classroom for trans students. Gender neutral bathrooms are available at UVic.

University of Victoria Students' Society (UVSS)

The [UVSS](#) is a social justice based non-profit run by students, for students and is entirely separate from UVic. As an undergrad student, you are already a member! We work on issues affecting students such as affordability, public

Sexualized Violence Prevention and Response at UVic

A note to remind you to take care of yourself. Do your best to maintain a healthy lifestyle this semester by eating well, exercising, getting enough sleep and taking some time to relax. This will help you achieve your goals and cope with stress. All of us benefit from support during times of struggle. You are not