

PSYC 300B – 03 Statistical Methods in Psychology I I
Spring 2022: January -April

When and Where is Class?

Learning Goals

Understand Explain By the end of the course, students will ...

You will need an iClicker Personal Response System for in-person weeks. You can choose to purchase the iClicker Student app subscription or the iClicker device (new or used) at the bookstore.

Course

Informative feedback is the cornerstone of a positive learning environment. As such, the professor will make sure to read all feedback submitted by students weekly. However, it may be impossible to reply to and incorporate all of the feedback received. The professor will follow up on the more impactful or important pieces of feedback by anonymously sharing them with the entire class at the start of the following lecture. This will be a way to address recurring concerns or to come back on the previous week's content. Your comments are important and appreciated, and you can (and should) always communicate directly with the professor or the TA's should you feel that you require immediate attention.

Behavioural Expectations

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

Respect for Diversity: It is my intention 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 intention to present materials and activities that are respectful of diversity: gender, sexuality, disability, age, socioeconomic 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 course deadlines conflict with your religious events, please let me know so that we can make arrangements for you.

Copyright Notice

All course content and materials are made available by instructors for educational purposes and for the exclusive use of students registered in their class. The material is protected under copyright law, even if not marked with a ©. Any further use or distribution of materials to others requires the written permission of the instructor, except under fair dealing or another exception in the Copyright Act. Violations may result in disciplinary action under the [Resolution of Non-Academic Misconduct Allegations policy](#)

Department of Psychology
Important Course Policies
Fall 2021

Prerequisites

Students who remain in courses for which they do not have the prerequisites do so at their own risk.



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 https://www.uvic.ca/calendar/future/undergrad/#/policy/Sk_0xsM_V?bc=true&bcCurrent=08%20-%20Policy%20on%20Academic%20Integrity&bcGroup=Undergraduate%20Academic%20Regulations&bcItem Type=policies. It is of utmost importance that students who do their work honestly be protected from those who do not. Because this policy is in place to ensure that students carry out and benefit from the learning activities assigned in each course, it is expected that students will cooperate in its implementation.

The offences defined by the policy can be summarized briefly as follows:

1. **Plagiarism** . You must make sure that the work you submit is your work and not someone else's. There are proper procedures for citing the works of others. The student is responsible for being aware of and using these procedures.
2. **Unauthorized Use of an Editor**. The use of an editor is prohibited unless the instructor grants explicit written authorization.
3. **Multiple Submission** . Only under exceptional circumstances may a work submitted to fulfill an academic requirement be used to satisfy another similar requirement. The student is responsible for clarifying this with the instructor(s) involved.
4. **Falsifying Materials Subject to Academic Evaluation** . This includes falsification of data, use of commercially prepared essays, using information from the Internet without proper citation, citing sources from which material is not actually obtained, etc.
5. **Cheating on Assignments, Tests, and Examinations**. You may not copy the work of others in or out of class; you may not give your work to others for the purpose of copying; you may not use unauthorized

Be Well

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 alone.

Counselling Services: Counselling Services can help you make the most of your university experience. They offer free professional, confidential, inclusive support to currently registered UVic students.
www.uvic.ca/services/counselling/

Missed Midterm Exams: You are responsible for attending exams as scheduled. If you miss one of Midterm Exams 1-2 due to illness, accident, or family affliction, you must contact Dr. Iankilevitch within ~~7 days~~ ^{10 days} that you missed the exam and the reason for it. For Spring 2022, students (tentatively) are not required to provide documentation to support their request for academic concession (e.g., medical notes), but it is appreciated. If you miss an exam due to illness, accident, or family affliction, then a

your understanding of the class material a

Tentative Course Outline and Schedule

WEEK	DATE	TOPIC	HOMEWORK/ QUIZZES
SECTION 1: HYPOTHESIS TESTING WITH 1- AND 2-SAMPLE DESIGNS, VARIABILITY EXPLAINED			
1 ^{ab}	Mon Jan 10	Course Introduction	HW/Quiz Topic 1 Due Jan 28
	Wed Jan 12	Topic 1: Independent & Dependent Variables	
	Thu Jan 13	Topic 1: Independent & Dependent Variables	
2 ^a	Mon Jan 17	Topic 2: Hypothesis Testing – Related Samples Design	HW/Quiz Topic 2 Due Jan 28
	Wed Jan 19	Topic 2: Hypothesis Testing – Related Samples Design	
	Thu Jan 20	Topic 3: Hypothesis Testing – Correlation Design	HW/Quiz Topic 3 Due Feb 4
3	Mon Jan 24	Topic 4: Hypothesis Testing – Independent Samples Design	HW/Quiz Topic 4 Due Feb 4
	Wed Jan 26	Topic 4: Hypothesis Testing – Independent Samples Design	
	Thu Jan 27	Topic 4: Hypothesis Testing – Independent Samples Design	
4	Mon Jan 31	Topic 4: Hypothesis Testing – Independent Samples Design	
	Wed Feb 2	Topic 5: Variability Explained (r^2)	HW/Quiz Topic 5 Due Feb 6*
	Thu Feb 3	Review/Catch-Up	*Due 24 hours before Exam 1
5	Mon Feb 7	Midterm Exam 1	
SECTION 2: POWER AND MULTIGROUP DESIGN (ANOVA)			
5	Wed Feb 9	Topic 6: Power	HW/Quiz Topic 6 Due Feb 18
	Thu Feb 10	Topic 6: Power	
6 s 10.00	Mon Feb 14	Topic 6: Power	
	Tue Feb 15		