



PSYCHOLOGY 300B D Section A01

Statistical Methods in Psychology II

Spring (Jan. - Apr.) 2021 : CRN 22559

Time: TWF 11:30 am – 12:20 pm	Room: Online via Zoom Video Conferencing
Instructors: David Medler (Lectures) Office: COR A277 Office Hours: M 1:00 - 2:00; W 2:00 - 3:00 Email: dmedler@uvic.ca (Lecture/Exam Questions)	Instructors: Louise Chim (Labs/Research Project) Office: COR A277 Office Hours: By Appointment Email: chim@uvic.ca (Labs/Project Questions)
Teaching Assistant: Alejandra Contreras Email: acont@uvic.ca	Teaching Assistant: Tom Ferguson Email: tomferg@uvic.ca
Office Hours: By Appointment	

ZOOM VIDEO CONFERENCING INFORMATION

Please log into the Zoom Video Conferencing site for PSYC 300B (A01) through the BrightSpace site under General Course Resources. This will ensure that you are properly represented in the session.

If you are in a waiting room, you will need to exit and log in again through the UVic system. Due to previous issues last term, students will not be admitted into the Zoom session through the waiting room.
<https://www.uvic.ca/systems/support/avmultimedia/zoomvideoconferencing/resources.php>

In case you need it, the general information for the Zoom session is as follows:

Meeting ID: 987 5567 7594

Password: 714627

Please do not share this information with anyone not registered in PSYC 300B (A01).

PREREQUISITES AND REGISTRATION

The prerequisite for !300B is simply:

1. The completion of Psychology 300A with a minimum grade of 50%. This is non-negotiable.

Students are responsible for checking their registration status before the end of the course change period (January 22, 2021). Students will not be added to the course after this time.

BRIGHT SPACE

All course material, including detailed lecture notes, is available through BrightSpace, which you can access by logging in through MyPage or directly through bright.uvic.ca. This site will have all course lecture material with the accompanying overheads that are presented in class, as well as the recorded lectures. It will also have blank copies of homework assignments and their respective answer keys. Most files are in pdf format.

2. To gain practical experience in the interpretation and communication of statistical analysis in a manner appropriate for those involved in psychological research.

TOPICS COVERED

Measurement (independent & dependent variables); Power; Inferential analysis for research designs under the Random Sampling Model of Hypothesis Testing. Research designs include related-samples, bivariate correlation, independent samples for $j = 2, j > 2$ (Analysis of Variance — ANOVA), & multi-factorial ANOVA. Other topics include multiple comparisons, options for analyzing data when assumptions are violated, and analysis of frequency data (Chi-Square).

COURSE FORMAT

Course material will be presented in 3 discrete sections through text readings, lectures, graded labs, graded homework assignments, and a course research project. Answer keys for labs and homework will be available through the web site. It is assumed that you have read the relevant course material prior each lecture.

COURSE EVALUATION

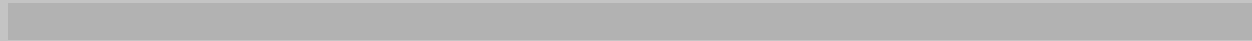
Comprehension of course material will be assessed through performance on...

- (a) 2 midterm exams (each worth 15% of your final grade),
- (b) a cumulative final exam (30%),
- (c) a research report (15%),
- (d) labs (10%),
- (e) online quizzes (10%), &
- (f) Graded Homework Assignments (5%)
- (g) Up to 3% bonus for Zoom Polling Questions

GRADING (% of total marks)

TENTATIVE COURSE SCHEDULE

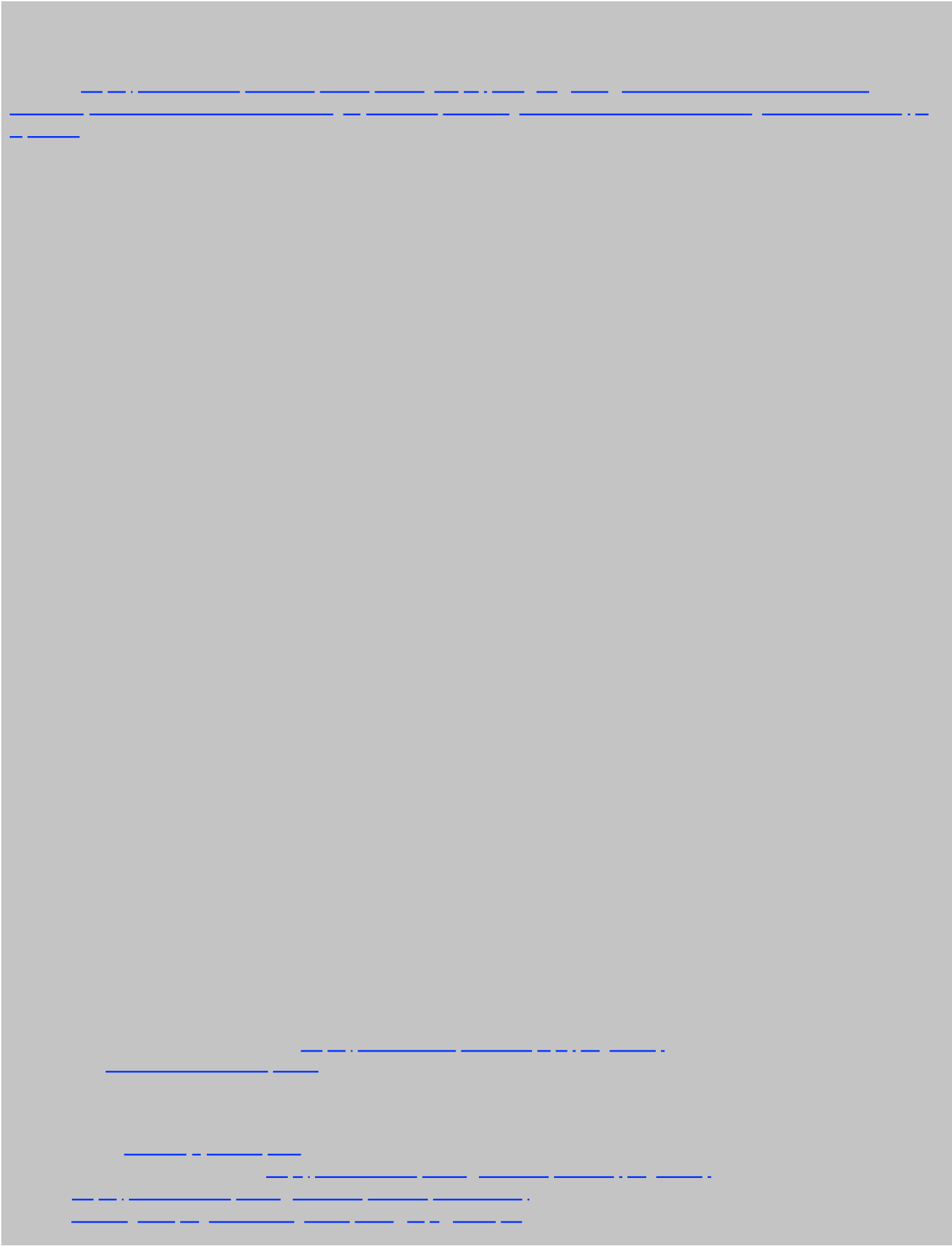
WEEK	DATE	CHAPTER / LECTURE TOPIC
PART 1 ð Hypothesis Testing with 1- and 2-Sample Designs, Variability Explained		
1	12-Jan Tuesday	Course Introduction
	13-Jan Wednesday	



SPECIAL STATEMENT ON ONLINE COURSE DELIVERY

Given the current situation and need for physical distancing, the course will be delivered remotely online and will involve a mixture of self-directed activities and online live video lecture and discussion sessions. Because of its online delivery there might be some additional challenges for you as a student. Please read the following carefully and keep in mind for the course:

- Useful information on online learning can be found at the UVic Learn Anywhere portal.
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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.

Social Life, Friends, & Community at UVic:

Having a social network is an extremely important foundation for positive mental health. There are lots of benefits to joining clubs, course unions, intramurals and teams on campus.

<https://www.uvic.ca/mentalhealth/undergraduate/connecting/index.php>

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/

Health Services:

University Health Services (UHS) provides a full service primary health clinic for students, and coordinates healthy student and campus initiatives.

www.uvic.ca/services/health/

Centre for Accessible Learning

The CAL staff are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations www.uvic.ca/services/cal/. The sooner you let us know your needs, the quicker we can assist you in achiev. 1

Sexualized Violence Prevention and Response at UVic

UVic takes sexualized violence seriously, and has raised the bar for what is considered acceptable behaviour. We encourage students to learn more about how the university defines sexualized violence and its overall approach by visiting www.uvic.ca/svp. If you or someone you know has been impacted by sexualized violence and needs information, advice, and/or support please contact the sexualized violence resource office in Equity and Human Rights (EQHR). Whether or not you have been directly impacted, if you want to take part in the important prevention work taking place on campus, you can also reach out:

Where: Sexualized violence resource office in EQHR, Sedgewick C119

Phone: 250.721.8021

Email: svpcoordinator@uvic.ca

Web: www.uvic.ca/svp