

PSYC 300B ±Summer 2023

Statistical Methods in Psychology II

CRN: 31299

Dates: July 5th ±August 2nd, 2023

Time: Monday & Wednesday (10:30-12:20), Friday (10:30-11:20)

Labs: B111 Cornett Building Thursday 10:30 AM - 11:20 (B01), Thursday 11:30-12:20 (B02)

Room: A240 Human & Social Development Building

Instructor: Nathan Lewis

Email: nathanlewis@uvic.ca

Office: B335g Cornett Building

Office Hours: By appointment

Course Description:

This course will provide a conceptual and practical understanding of descriptive and inferential statistics as applied to psychological research. Building on the skills developed in PSYC 300A, this course will have an emphasis on topics relating to inferential analysis, power, and multiple group comparisons. By the end of this

| Evaluation | Date | % of Grade |
|-------------|-----------------|------------|
| Assignments | Throughout term | 20% |

B02: Thursdays at 11:30-12:20

Study Groups

Working together in groups of 2-4 people on a regular basis (not just the day before the exam) is helpful for some people. If you find this helpful I highly encourage you to seek out other interested students (the Brightspace discussion forum or labs could be a good place to attract them). Also, I welcome study groups to come see me in my arranged office hours.

Important Dates

Jul 11 ±Deadline to drop the course for 100% fee reduction

Jul 12 ±Deadline to add the course

Jul 22 ±50% fee reduction drop deadline

Aug 5 ±Lastday to drop the course for 0 fee reduction

Tentative Class Schedule

| Wk. | Day | Date | Topic | Assignments |
|-----|------|---------|--|--------------|
| 1 | Wed | July 5 | Course intro; Variables and Measurement | |
| 1 | Fri | July 7 | Hypothesis testing refresher | |
| 2 | Mon | July 10 | t-test for Related Samples Design | |
| 2 | Wed | July 12 | t-test for Independent Samples Design | Assign. 1 |
| 2 | Fri | July 14 | t-test for Independent Samples Design | |
| 3 | Mon | July 17 | Exam #1 | |
| 3 | Wed | July 19 | Power | |
| 3 | Thur | July 22 | Interactive Lab Day ³ 6 H O H F W L Q J W K H D Q D O \ V H V' | Proposal Due |
| 3 | Fri | July 21 | Multigroup Design (ANOVA) | |
| 4 | Mon | July 24 | Multigroup Design (ANOVA) | Assign. 2 |
| 4 | Wed | July 26 | Multigroup Design (ANOVA) Regression | |
| 4 | Fri | July 28 | Regression | |
| 5 | Mon | July 31 | | |

Copyright

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Course Experience Survey (CES)

I value your feedback on this course. Toward the end of term, you will have the opportunity to complete a confidential course experience survey (CES) regarding your learning experience. The survey is vital to providing feedback to the instructor

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 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 material or equipment during examinations or tests; and you may not impersonate or allow yourself to be impersonated by another at an examination. The Department of Psychology has a policy of not making old examinations available for study purposes. Therefore, use of old exams without the express written permission of the instructor constitutes cheating by the user, and abetting of cheating by the person who provided the exam.
6. **Aiding Others to Cheat.** It is a violation to help others or attempt to help others to engage in any of the conduct described above.

The use of a generative artificial intelligence (AI) is strictly prohibited in any submitted work (unless expressly endorsed by the instructor as part of an assignment). The Department reserves the right to use AI detectors.

Instructors are expected to make every effort to prevent cheating and plagiarism. This may include the assignment of seating for examinations, asking students to move during examinations, requests to see student identification cards, and other measures as appropriate. Instructors also have available to them a variety of tools and procedures to check for Internet and electronic media-based cheating. In instances of suspected or actual plagiarism or cheating, instructors, following prescribed procedures, are authorized to take steps consistent with the degree of the offence. These measures will range from a zero on the test or assignment or a failing grade for the course, probation within a program to temporary or even permanent suspension from the University.

Rights of Appeal are described in the Policy on Academic Integrity in the University calendar Summer 2023.

The definitive source for information on Academic Integrity is the University Calendar

Other useful resources on Plagiarism and Cheating include:

1. The Ombudsperson's office: <https://uvicombudsperson.ca/academic-integrity/>
The [Office of the Ombudsperson](#) is an independent and impartial resource to assist with the fair resolution of student issues. A confidential consultation can help you understand your rights and

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/undergraduate/housing-student-life/student-life/index.php>

~~Couns https://www.uvic.ca/undergraduate/housing-student-life/student-life/index.php~~ ~~wellness contacts student~~ ~~wellness~~ -

~~team/index.php~~