

Psychology 201, Fall Term, 2022
A Critical Approach to Research Methods in Psychology
CRN 13006

Time: 10:00 – 11:20 AM (M, Th)

Room Location: Bob Wright Centre A104

Join Zoom Meeting

<https://us02web.zoom.us/j/88236812280>

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Lecture Facilitators

Jim Tanaka, In-person or Zoom meetings by appointment. Email: jtanaka@uvic.ca.

Eric Mah, In-person or Zoom meetings by appointment. Email: ericmah@uvic.ca

Lab Coordinator

Otis Geddes, Zoom or in-person meetings by appointment, Email: otisg@uvic.ca

Course description

In this course, you will be introduced to the theoretical assumptions and research methods applied in psychological research. Psyc 201 – A Critical Approach to Research Methods in Psychology – is a synchronous hybrid course that will be taught in-person and remotely via Zoom. In this course, you will have an opportunity to experience first-hand, the thrill, excitement (and occasional disappointment) of doing real psychological experimentation. The course will emphasize the conceptual rationale underlying quantitative and qualitative approach to psychological research. The topics covered in the course include the nature of variables, types of measurement, how to generate and test hypotheses, types of validity, and how to interpret and report results. We will discuss and critique the assumptions of standard hypothetic-deductive methods and consider alternatives. We hope that the course will provide you with the knowledge, technical

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- Reading all the way to the end of the assignment
- Posing thoughtful questions and comments that elicit responses from classmates
- Upvoting thoughtful questions and helpful answers (upvote by clicking on the check mark in the top right corner of someone's comments)

Perusall Articles

Article 1 (Section 1): Lilienfeld, S. O. (2010). Can psychology become a science? *Personality and individual differences*, 49(4), 281-288.

Article 2 (Section 2): Hayward, A., Sjoblom, E., Sinclair, S., & Cidro, J. (2021). A New Era of Indigenous Research: Community-based Indigenous Research Ethics Protocols in Canada. *Journal of Empirical Research on Human Research Ethics*, 15562646211023705.

Article 3 (Section 2): Sale, J. E., & Thielke, S. (2018). Qualitative research is a fundamental scientific process. *Journal of clinical epidemiology*, 102, 129-133.

Article 4 (Section 3): Nichols, A. L., & Edlund, J. E. (2015). Practicing what we preach (and sometimes study): Methodological issues in experimental laboratory research. *Review of General Psychology*, 19(2), 191-202

4.) *Presence* (5%) – Your attendance and presence at lecture is strongly encouraged. As a record of your attendance, *snap* quiz questions will be given at various points in the lecture. The purpose of the questions is to probe and reinforce your understanding of the presented material. *Your responses will not be marked* but used as an indicator of your attendance at the lecture. The presence mark will be determined based on the percentage of your attendance. For example, if you attended 75% of the lectures, your presence mark will be 3.75% (75 x 5%). Students who attend at least 90% of the lectures will receive a bonus mark of 1%. For example, if you attended 95% of the lectures, your presence mark will be 4.75% (.95 x 5%) plus the 1% bonus for a total of 5.75%. For in-person attendees, you can register your Zoom response either on your laptop or on your cell phone.

5.) *Breakout Room Activities* (5%) – For each of the three content sections, we will have a breakout room activity where you and fellow group members will discuss a key concept, topic or question presented in lecture and the readings. The group will be responsible for generating a synopsis of the ideas discussed in the group either in written, visual (e.g., diagram, picture) or audio format. At the end of the lecture, the group will submit the synopsis on Zoom and the submission will be evaluated based on the quality of its content and integration of course concepts. With the exception of Breakout Activity #2, breakout activities will be marked on a pass/fail basis. Unless prior permission is granted, late assignments will not be accepted.

Breakout Activity #1 (1%): *Fake news and echo chambers* (pass/fail)

Breakout Activity #2 (3%): *Semi-structured personal interview*

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Breakout Activity #3 (1%): *Calculating variability* (pass/fail)

Summary of Course Requirements

Exams = 70%

Weekly Quizzes = 10 %

Perusall Readings = 10%

Presence = 5%

Breakout room activities = 5%

The final letter grade in the course will be based on total percent score rounded to the third decimal point as shown: Final grades that end with a decimal point of 0.5 or above will be rounded to the next higher whole number, and grades that end with a decimal point below 0.5 will be rounded to the next lower whole number. For example, 89.5 to 89.9 is rounded up to 90% (A+), whereas 89.4 is rounded down to 89% (A).

Grading Standards (Note the change in scaling)

Oct. 20	TH	Reliability			Chapter 6: Experimental research
Quiz #4 due Sunday @ 11:59pm					
Oct. 24	M	Experimental pitfalls: Confounds, small sample size & placebos			

Oct. 27 TH

UNIVERSITY OF VICTORIA
Department of Psychology
Important Course Policy Information
Winter Session 2022

Accessible Learning

The University of Victoria is committed to creating a learning experience that is as accessible as possible. If you anticipate or experience any barriers to learning in this course, please feel welcome to discuss your concerns with me. If requirement set by the instructor for lectures, lab3.4 (u)1e.1 (e)TJ0 Tc 0 T7 (u)1e.1 TJ0 Tc 0 Tw 23.566 0 Td()Tj-0.004 Tc 0.004 Tw 0.2

Copyright

All course content and materials are made available by instructors for educational purposes and for the exclusive use of students registered in their class¹. The material is protected under copyright law, even if not marked with ©. 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 \(AC1300\)](#) or the [Academic Integrity Policy](#), whichever is more appropriate for the situation.

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 regarding the course and their teaching, as well as to help the department improve the overall program for students in the future. When it is time for you to complete the survey, you will receive an email inviting you to do so. If you do not receive an email invitation, you can go directly to

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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.

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

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

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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.

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 achieving your learning goals in this course.

Elders' Voices:

The Office of Indigenous Academic and Community Engagement (IACE) has the privilege of assembling a group of Elders from local communities to guide students, staff, faculty and administration in Indigenous ways of knowing and being.

www.uvic.ca/services/indigenous/students/programming/elders/

Mental Health Supports and Services:

Mental health supports and services are available to students from all areas of the UVic community: www.uvic.ca/mentalhealth/undergraduate/