

COURSE SYLLABUS



COURSE TITLE: PSYC-201: Research Methods in Psychology

CLASS SECTION: 001 A, B & C

TERM: Fall 2022

COURSE CREDITS: 3

DELIVERY METHOD(S): Weekly Lecture and Lab

Camosun College campuses are located on the traditional territories of the Lək̓ʷəŋən and W̱SÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here.

Learn more about Camosun's [Territorial Acknowledgement](#).

For COVID-19 information please visit <https://legacy.camosun.ca/covid19/index.html>.

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable explanation in advance, you will be removed from the course and the space offered to the next waitlisted student.

INSTRUCTOR DETAILS

NAME: Dr. Judy Caldwell

OFFICE: F314C

EMAIL: caldwell@camosun.bc.ca

HOURS: Tuesday 12:30 to 1:50

As your course instructor, I endeavour to provide an inclusive learning environment. However, if you experience barriers to learning in this course, do not hesitate to discuss them with me. Camosun College is committed to identifying and removing institutional and social barriers that prevent access and impede success.

CALENDAR DESCRIPTION

This course introduces students to research techniques in psychology. The aim is to develop an understanding of the conceptual foundations of various research strategies. Topics include: formulating research designs and questions, measurement of variables, data analysis, drawing valid conclusions, and writing research reports.

Labs and exercises include acquiring computer skills.

PREREQUISITE(S):

All of:

- C in PSYC 110

One of:

- C in Foundations of Math and Pre-calculus 10 or Apprenticeship and Workplace Math 11; C in MATH 053; C in MATH 135

And one of:

- C in PSYC 120; C in PSYC 130; C in PSYC 164; C in PSYC 171

COURSE LEARNING OUTCOMES / OBJECTIVES

Upon completion of this course a student will be able to:

1. Apply the methodology of psychological research through written essays and exams.
2. Critique research claims and reports.
3. Demonstrate practical skills for designing and conducting psychological research.
4. Demonstrate competence in experimental and survey research.
5. Demonstrate skills in quantitative and qualitative data-analysis.
6. Use statistical software for summarizing and analyzing data.
7. Use APA guidelines to write a scientific paper.

REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

- 1. Text:** Cozby, P. C., Mar, R. A., & Rawn, C. D. (2020). *Methods in Behavioral Research* (3rd Canadian Edition). Toronto: McGraw-Hill Ryerson. Available at the Camosun College Bookstore (Lansdowne campus)
- 2. Coursepack:** Psychology 201 Lecture Workbook. Available in the Camosun College Bookstore.

COURSE SCHEDULE, TOPICS, AND ASSOCIATED PREPARATION / ACTIVITY / EVALUATION

The following schedule and course components are subject to change with reasonable advance notice, as deemed appropriate by the instructor.

WEEK or DATE RANGE	ACTIVITY or TOPIC	LAB ACTIVITY
Week of Sept 6th	Introductions	No Lab Assignment Due
Week of Sept 12th	The Scientific Method (Chapters 1 & 2)	How to Read a Scientific Article
Week of Sept 19th	Ethics (Chapter 3)	Operational Definitions and Ethical Research
Week of Sept 26th	Measurement (Chapter 5)	Reading a Scientific Article
Week of Oct 3rd	Exam #1 (Chapters 1, 2, 3 & 5)	Descriptive Statistics Review
Week of Oct 10th	Observational Research, Surveys and Chi Square (Chapters 6, 7 & Appendix B pp. 338-341)	Qualitative versus Quantitative Research and Chi Square
Week of Oct 17th	Chi Square	Chi Square

WEEK or DATE RANGE	ACTIVITY or TOPIC	LAB ACTIVITY
Week of Oct 24th	Correlational Research (Chapter 4 pp. 62-75 and Chapter 12 pp. 237-242)	Correlational Research Project Proposals Due
Week of Oct 31st	Experimental Research (Chapter 4 pp. 76-88 & Chapter 9)	Correlations versus Experiments
Week of Nov 7th	Between- and Within-Subject Designs (Chapter 8) Writing a Research Paper in APA Style (Appendix A)	Project Informed Consent and Ethics Checklist
Week of Nov 14th	Exam #2 (Chapters 4, 6, 7, 8, 9, 12 pp. 237-242 & Appendix B pp. 338-341 and all previous readings)	Between- versus Within-Subject Designs and Methods Section Write-up
Week of Nov 21st	Factorial Designs (Chapter 11)	Project Data Analysis and Results Section Write-up
Week of Nov 28th	Specialized Designs (Chapter 10 pp. 187-198 & 202-207)	Project Write-up
Week of Dec 5th	Statistics (Chapter 12, 13 & Appendix B pp. 334-336)	Final Research Paper Due
Final Exam Period	Exam #3 (Chapter 10 pp. 187-198 & 202-207, Chapters 11, 12, 13, Appendix A & B pp. 334-336 and all previous readings)	

Students registered with the Centre for Accessible Learning (CAL) who complete quizzes, tests, and exams with academic accommodations have booking procedures and deadlines with CAL where advanced notice is required. Deadlines can be reviewed on the [CAL exams page](http://camosun.ca/services/accessible-learning/exams.html). <http://camosun.ca/services/accessible-learning/exams.html>

EVALUATION OF LEARNING

DESCRIPTION	WEIGHTING
Lab Participation and Weekly Lab Assignments	20%
Final Research Project - There is short research report required in this course. This report will involve designing an experiment, collecting data, analyzing data, and writing the results in an APA style research paper. This report will be completed alone or in pairs. This lab report will be due Friday, December 10th at 4:00. Details concerning the lab report will be discussed in lab.	15%
Lecture Activities – brief in-class activities given during lecture time	5%
Exam #1 – Oct 3rd during lecture time and covers Chapters 1, 2, 3 & 5	15%

DESCRIPTION	WEIGHTING
Exam #2 – Nov 14th during lecture time and covers Chapters 4, 6, 7, 8, 9, 12 (pp. 237-242), & Appendix B (pp. 338-341)	15%
Exam #3 (cumulative) – Scheduled during the final exam period and will cover Chapters 10 (pp. 187-198 and 202-207), 11, 12, 13, Appendix A, Appendix B (pp. 334-336) and all previous readings	30%
TOTAL	100%

If you have a concern about a grade you have received for an evaluation, please come and see me as soon as possible. Refer to the [Grade Review and Appeals](http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf) policy for more information.
<http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf>

COURSE GUIDELINES & EXPECTATIONS

- A. All students are responsible for following the College’s Student Conduct Policy as outlined on the Camosun College website <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf> and the College’s Academic Integrity Policy as outlined on the Camosun College website <https://camosun.ca/sites/default/files/2021-05/e-1.13.pdf>
- B. All students are responsible for following the School of Arts & Science Academic Honesty Guidelines. Students may review this policy by going here: <https://legacy.camosun.ca/learn/school/arts-science/images/Arts%20and%20Science%20Academic%20Honesty%20Guidelines.pdf>
- C. Students are responsible for reading the assigned material prior to class so that they are prepared to participate in class discussions and group tasks.
- D. Student are responsible for producing work used for this course only.
- E. Submit only work that you have done completely by yourself (except when group work is required). If you want to work cooperatively, inform me ahead of time.
- F. As part of the course, specifically in the lab activities, you always have the right NOT to self-disclose any information.
- G. Students may NOT make an audio or video recording of any person in our virtual or physical classroom without their prior consent. Information presented by instructors is considered copyrighted material. **Students may not use recording devices online without prior permission of the instructor. Recordings made and distributed in class are prohibited.**
- H. Students are responsible for monitoring their grades on D2L throughout the semester. Final grades are posted on D2L for a minimum of 24 hours prior to uploading final grades to Camlink.

SCHOOL OR DEPARTMENTAL INFORMATION

Camosun Psychology Club Information

During the Fall and Winter semesters, the Psyc Club meets each Friday at 1:30pm. Please contact Dr. Michael Pollock if interested in attending - PollockM@camosun.bc.ca

Journal of Camosun Psychology Research

Discover how to publish research. <https://cc.arcabc.ca/islandora/object/cc%3Apsycjournal>

American Psychological Association

The hub of our discipline <https://www.apa.org>

Canadian Psychological Association

The Canadian hub of our discipline <https://cpa.ca/>

Co-operative Education & Career Services

Learn about how to access a co-op experience for your career.

<https://camosun.ca/services/co-operative-education-and-career-services/contact-co-operative-education-and-career>

STUDENT RESPONSIBILITY

Enrolment at Camosun assumes that the student will become a responsible member of the College community. As such, each student will display a positive work ethic, assist in the preservation of College property, and assume responsibility for their education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting expectations concerning attendance, assignments, deadlines, and appointments.

SUPPORTS AND SERVICES FOR STUDENTS

Camosun College offers a number of services to help you succeed in and out of the classroom. For a detailed overview of the supports and services visit <http://camosun.ca/students/>.

Academic Advising	http://camosun.ca/advising
Accessible Learning	http://camosun.ca/accessible-learning
Counselling	http://camosun.ca/counselling
Career Services	http://camosun.ca/coop
Financial Aid and Awards	http://camosun.ca/financialaid
Help Centres (Math/English/Science)	http://camosun.ca/help-centres
Indigenous Student Support	http://camosun.ca/indigenous
International Student Support	http://camosun.ca/international/
Learning Skills	http://camosun.ca/learningskills
Library	http://camosun.ca/services/library/
Office of Student Support	http://camosun.ca/oss
Ombudsperson	http://camosun.ca/ombuds
Registration	http://camosun.ca/registration
Technology Support	http://camosun.ca/its
Writing Centre	http://camosun.ca/writing-centre

If you have a mental health concern, please contact Counselling to arrange an appointment as soon as possible. Counselling sessions are available at both campuses during business hours. If you need urgent support after-hours, please contact the Vancouver Island Crisis Line at 1-888-494-3888 or call 911.

Academic Accommodations for Students with Disabilities

The College is committed to providing appropriate and reasonable academic accommodations to students with disabilities (i.e. physical, depression, learning, etc). If you have a disability, the [Centre for Accessible Learning](#) (CAL) can help you document your needs, and where disability-related barriers to access in your courses exist, create an accommodation plan. By making a plan through CAL, you can ensure you have the appropriate academic accommodations you need without disclosing your diagnosis or condition to course instructors. Please visit the CAL website for contacts and to learn how to get started:

<http://camosun.ca/services/accessible-learning/>

Academic Integrity

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.13.pdf> for policy regarding academic expectations and details for addressing and resolving matters of academic misconduct.

Academic Progress

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.1.pdf> for further details on how Camosun College monitors students' academic progress and what steps can be taken if a student is at risk of not meeting the College's academic progress standards.

Course Withdrawals Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.2.pdf> for further details about course withdrawals. For deadline for fees, course drop dates, and tuition refund, please visit <http://camosun.ca/learn/fees/#deadlines>.

Grading Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf> for further details about grading.

Grade Review and Appeals

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf> for policy relating to requests for review and appeal of grades.

Mandatory Attendance for First Class Meeting of Each Course

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable reason in advance, you will be removed from the course and the space offered to the next waitlisted student. For more information, please see the "Attendance" section under "Registration Policies and Procedures" (<http://camosun.ca/learn/calendar/current/procedures.html>) and the Grading Policy at <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf>.

Medical / Compassionate Withdrawals

Students who are incapacitated and unable to complete or succeed in their studies by virtue of serious and demonstrated exceptional circumstances may be eligible for a medical/compassionate withdrawal. Please visit

<http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.8.pdf> to learn more about the process involved in a medical/compassionate withdrawal.

Sexual Violence and Misconduct

Camosun is committed to creating a campus culture of safety, respect, and consent. Camosun's Office of Student Support is responsible for offering support to students impacted by sexual violence. Regardless of when or where the sexual violence or misconduct occurred, students can access support at Camosun. The Office of Student Support will make sure students have a safe and private place to talk and will help them understand what supports are available and their options for next steps. The Office of Student Support respects a student's right to choose what is right for them. For more information see Camosun's Sexualized Violence and Misconduct Policy: <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.9.pdf> and camosun.ca/sexual-violence. To contact the Office of Student Support: oss@camosun.ca or by phone: 250-370-3046 or 250-3703841

Student Misconduct (Non-Academic)

Camosun College is committed to building the academic competency of all students, seeks to empower students to become agents of their own learning, and promotes academic belonging for everyone. Camosun also expects that all students to conduct themselves in a manner that contributes to a positive, supportive, and safe learning environment. Please review Camosun College's Student Misconduct Policy at <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf> to understand the College's expectations of academic integrity and student behavioural conduct.

Changes to this syllabus: Every effort has been made to ensure that information in this syllabus is accurate at the time of publication. The College reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.

PSYCH 201 01 A, B & C FALL 2022 SCHEDULE-AT-A-GLANCE

Week # and Lecture Date	Lecture Topic	Readings	Lab Activities	Labs DUE
#1: Sept 6th	• Introduction to Psyc 201		Introductions	No Assignments Due
#2: Sept 12th	• The Scientific Method	Chapters 1 & 2	How to read a scientific article	/10 Jordan & Zanna article assignment
#3: Sept 19th	• Ethical Research	Chapter 3	Navigating the Tri-council website Operational Definitions Project Proposal Assigned	/5 Tri-council assignment /10 Operational Definitions Assignment
#4: Sept 26th	• Measurement	Chapter 5	Reading a Scientific Article Ruback Article Assigned	/10 Alzheimer's article assignment
#5: Oct 3rd	Test #1 15% Chapter 1, 2, 3 & 5		Descriptive Statistics Review (pp. 69-74 in the Lecture Workbook)	/10 Descriptive stats assignment
#6: Oct 10th	• Observational Research • Surveys	Chapter 6 Chapter 7 Appendix B (pp. 338-341)	Quantitative and Qualitative Observation Assigned	/10 Ruback article assignment due (will not be accepted late!) (3 bonus points for handing in proposal early)
#7: Oct 17th	• Chi Square	Appendix B (pp. 338-341)	Chi Square	/10 Chi Square assignment
#8: Oct 24th	• Correlational Research	Chapter 4 (pp. 62-75) Chapter 12 (pp. 237-242)	Correlational Method	/5 Quantitative Data Due /10 Qualitative Assignment due /10 Correlation Assignment /10 Proposal Due
#9: Oct 31st	• Experimental Research	Chapter 4 (pp. 76-88) Chapter 9	Discuss Proposals Ethics Checklist Informed Consent	/10 Correlation vs. Experiment Assignment
#10: Nov 7th	• Between- and Within-Subject Designs	Chapter 8	Discuss Proposals Data Collection Assigned (i.e., data collection sheet)	/5 Ethics Checklist Due /5 Informed Consent Due
#11: Nov 14th	Test #2 15% • Chapters 4, 6, 7, 8, 9, 12 (pp. 237-242), & Appendix B (pp. 338-341).	Appendix A	Repeated Measures Article Project Write-Up in APA Style: Title page, Methods and Appendix	/10 Between- versus Within-subject Designs /10 Title page, Methods and Appendix
#12: Nov 21st	• Factorial Designs	Chapter 11	Data Analysis Project Write-up: Results, Figure Caption, Figure	Data due in lab (i.e., data collection sheet) /10 Results section, Figure Caption, Figure
#13: Nov 28th	• Specialized Designs	Chapter 10 (pp. 187-198 and 202-207)	Project Write-Up: Abstract, Introduction, Discussion, and References	No Assignment Due
#14: Dec 5th	• Descriptive and Inferential Statistics	Chapter 12 Chapter 13 Appendix B (pp. 334-336)	Project Write-Up: Drop-in	Final Research Paper – Due Friday Dec 9th at 4:00
Final Exam Period	Test #3 30% Chapters 10 (pp. 187-198 and 202-207), 11, 12, 13, Appendix A, Appendix B (pp. 334-336) and all previous readings			

****Note this timetable is tentative and any changes will be discussed in class.

No lab work will be accepted after 4pm on Friday December 9th, 2022.