

# COURSE SYLLABUS



COURSE TITLE: PSYC-110: Experimental Psychology

CLASS SECTION: D04

TERM: Winter 2024

COURSE CREDITS: 3

DELIVERY METHOD(S): Online

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](#).

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For COVID-19 information please visit <https://camosun.ca/about/covid-19-updates>

*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

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NAME: Dr. Judy Caldwell

EMAIL: [caldwell@camosun.bc.ca](mailto:caldwell@camosun.bc.ca)

OFFICE: 314C

HOURS: Thursdays 10:30 – 12:00 on ZOOM

*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

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This course presents experimental methodologies used in psychology, including how data is collected, organized, and interpreted in psychological research. Topics: psychobiology, sensation, perception, cognition, learning theory, memory, assessment, and experimental design. Topics are discussed and demonstrated in lectures and labs.

### PREREQUISITE(S):

One of:

- C in English 12
- C in Camosun Alternative

### CO-REQUISITE(S):

See Pre-requisites

### EXCLUSION(S):

Not Applicable

## COURSE LEARNING OUTCOMES / OBJECTIVES

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

1. Describe the components and rationale for the experimental methodologies used to acquire psychological knowledge.
2. Describe the difficulties inherent in psychological research and conduct thoughtful critiques of select studies.
3. Design and conduct studies of psychological topics and present the outcomes in a clear, logical fashion.
4. Apply psychological concepts to the study of neuroscience, sensation, perception, learning, memory, intelligence, and language.

The outcomes will be measured by a combination of examinations, assignments, presentations, group work, and discussions.

## REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

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Text: Myers, D. G., & DeWall, C. N. (2021). *Psychology* (13<sup>th</sup> ed.). New York: Worth.

- To purchase either a paper copy of the text or an e-copy (with online supplementary materials) go to this link and fill in the appropriate fields (be sure you are purchasing Myers & DeWall, 2021!!): [https://www.camosuncollegebookstore.ca/buy\\_textbooks.asp](https://www.camosuncollegebookstore.ca/buy_textbooks.asp)

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

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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	OTHER NOTES
Week of Jan 8th	Course Introduction Psychology and the Scientific Method	Lab Introduction Quiz and Checklist
Week of Jan 15th	Research Methods in Psychology	Assignment: Reading a Scientific Article (Harris, et al. 2009)
Week of Jan 22nd	Statistics	Assignment: Naturalistic Observation
Week of Jan 29th	Evolutionary Psychology	Quiz and Assignment: Correlation
Week of Feb 5th	Test #1 – Prologue, Chapters 1 & 4 (pp. 126-141)	Quiz and Assignment: Descriptive Statistics

WEEK or DATE RANGE	ACTIVITY or TOPIC	OTHER NOTES
Week of Feb 12th	Brain and Behaviour	Assignment: Brain and Behaviour Sheets and the Brain Game
Week of Feb 19th	READING BREAK	Quiz and Assignment: Inferential Statistics
Week of Feb 26th	Consciousness, Sleep and Dreams	Assignment: Reading Craik and Tulving (1975)
Week of Mar 4th	Learning	Assignment: Designing an Experiment
Week of Mar 11th	Test #2 – Chapters 2, 3 (pp. 88-109), & 7	Quiz: APA Website
Week of Mar 18th	Sensation	Assignment: Writing a Title Page, Methods Section and Appendix in APA Style
Week of Mar 25th	Perception	Assignment: Writing the Results Section and Creating a Figure in APA Style
Week of Apr 1st	Memory	Quiz: Citations and References in APA Style
Week of Apr 8th	Thinking and Language	Final Lab Report Due
Final Exam Period	Test #3 – Chapters 6, 8, & 9	

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>

**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.

## EVALUATION OF LEARNING

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DESCRIPTION	WEIGHTING
<p><b>Weekly Lab Assignments and Final Lab Report</b> - There is a lab assignment each week. The labs can be found in course content under 'Lab Modules.' All materials needed to complete a lab assignment can be found within its module. Each lab is introduced with a series of instructions. Be sure to read these instructions carefully. The lab assignments need to be completed by 11:59 pm each Friday during the semester.</p> <p>There is also a short research project required in this course. The final few lab assignment will be devoted to this final project. This project will involve designing an experiment, analyzing data, and writing the results in an APA style research paper.</p>	40%
<p><b>Tests</b> - There are three tests in this course and each is worth 15% of the course grade. The first test will cover the Prologue and Chapters 1 and 4 (pp. 126-141). The second test will cover Chapters 2, 3 (88-109) and 7 and p. 351. The third test will cover Chapters 6, 8, and 9. All tests are based on information from the lectures, lab activities, and assigned readings. These tests will be multiple choice in nature and will be given via the Quizzes Tool in D2L. The tests are not cumulative.</p> <p>Test taking protocols will be reviewed and posted on D2L.</p>	45%
<p><b>Lecture Module Quizzes</b> - Each week there will be a Lecture Module Quiz. These quizzes together make up 15% of the course grade. The quizzes will be administered using the Quizzes Tool in D2L and will be based on information from the Lecture PowerPoint slides and the textbook readings of the week. Students will be able to drop the grade for one lecture module quiz.</p>	15%
<b>TOTAL</b>	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

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### Lecture Attendance

To get the most out of this course, students are expected to attend all classes and be on time. It is your responsibility to acquire all information given during a class missed, including notes, hand-outs, changed exam dates etc

### Seminar Attendance

Seminar participation is essential to the course objectives, and largely involves discussion of the weekly topic and assigned readings or activities. It is also an opportunity for students to ask questions and learn from each other. The participation grade is assigned based on the level of your constructive engagement in the weekly seminars.

### Due Dates and Late Assignments

The due dates are established in accordance with the course and term duration. The purpose of the due dates is to help both you and I to get the assignments done so that they can be assessed in a timely manner. Just as you need time to complete the assignments, I need enough time to grade them. As such, the due dates are fixed (unless you have an approved academic accommodation through CAL) and it is expected that students will hand in assignments on time. Assignment marks, comments, and feedback will be returned to students in a timely manner, usually within 1-3 weeks, depending on the length of the assignment.

All assignments must be handed in by the time indicated (on the assignment, or on D2L). Late assignments may be graded but marks equivalent to 10% of the total value of the assignment will be deducted for each day, inclusive of days on the weekend, past the deadline. If assignments have already been marked and returned, a late assignment will not be accepted. Assignments will not be accepted that are late more than three days, inclusive of days over the weekend.

### **Exam Procedures**

All exams must be written at the scheduled times with the exception of students requiring an accommodation by CAL. It is understood that emergency circumstances do occur (e.g. severe illness or family emergency); for such circumstances accommodation may be offered at the discretion of the instructor, provided the student:

- a) notifies the instructor in advance of the exam (not after), and
- b) provides documented evidence of the circumstance (e.g. medical certificate).

If an exam is missed with an excused absence, it is up to the instructor's discretion as to how the mark will be made up. In most cases, an oral exam will be scheduled for the student as soon as possible.

Be sure not to make travel plans for the end of semester until the final exam schedules are finalized and posted. Please ask any family members who might make travel plans on your behalf to consult you before booking tickets.

Please note: the use of cell phones during a test or quiz is not allowed and may result in a zero for that assessment.

### **Study Habits**

Good and regular study habits are essential to do well in this course. You should plan on a weekly minimum of 6 hours outside of scheduled class time for the completion of readings, assignments and for general studying. Joining a study group can help make this more achievable.

Lecture presentations will be uploaded to the course website. These should be used as a study guide, not as your sole source of information. You will need to write down additional key words for examples and explanations given during lecture and review text and videos to support your understanding. It is also recommended practice to transform lecture notes into a study-friendly format after each lecture, incorporating additional information from your textbook. Study these notes before the next class to prepare yourself for new material, which will often build on previously covered material.

Please take advantage of office hours if you need extra clarification and help.

## STUDENT RESPONSIBILITY

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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

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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	<a href="http://camosun.ca/advising">http://camosun.ca/advising</a>
Accessible Learning	<a href="http://camosun.ca/accessible-learning">http://camosun.ca/accessible-learning</a>
Counselling	<a href="http://camosun.ca/counselling">http://camosun.ca/counselling</a>
Career Services	<a href="http://camosun.ca/coop">http://camosun.ca/coop</a>

Financial Aid and Awards	<a href="http://camosun.ca/financialaid">http://camosun.ca/financialaid</a>
Help Centres (Math/English/Science)	<a href="http://camosun.ca/help-centres">http://camosun.ca/help-centres</a>
Indigenous Student Support	<a href="http://camosun.ca/indigenous">http://camosun.ca/indigenous</a>
International Student Support	<a href="http://camosun.ca/international/">http://camosun.ca/international/</a>
Learning Skills	<a href="http://camosun.ca/learningskills">http://camosun.ca/learningskills</a>
Library	<a href="http://camosun.ca/services/library/">http://camosun.ca/services/library/</a>
Office of Student Support	<a href="http://camosun.ca/oss">http://camosun.ca/oss</a>
Ombudsperson	<a href="http://camosun.ca/ombuds">http://camosun.ca/ombuds</a>
Registration	<a href="http://camosun.ca/registration">http://camosun.ca/registration</a>
Technology Support	<a href="http://camosun.ca/its">http://camosun.ca/its</a>
Writing Centre	<a href="http://camosun.ca/writing-centre">http://camosun.ca/writing-centre</a>

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.

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#### 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](mailto: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>

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#### COLLEGE-WIDE POLICIES, PROCEDURES, REQUIREMENTS, AND STANDARDS

##### 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](http://camosun.ca/sexual-violence). To contact the Office of Student Support: [oss@camosun.ca](mailto: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.

## PSYCH 110 WINTER 2024 SCHEDULE-AT-A-GLANCE

Week	Lecture Module Topic	Readings	Lab Module Topic	Lab Module Activities Due
#1: Jan 8 <sup>th</sup>	<ul style="list-style-type: none"> <li>Introduction</li> <li>Psychology and the Scientific Method</li> </ul>	Prologue & Chapter 1 (pp. 22-27)	Welcome and Introduction!	<i>Checklist:</i> Welcome and Introduction <i>Quiz:</i> Lab Introduction
#2: Jan 15 <sup>th</sup>	<ul style="list-style-type: none"> <li>Research Methods in Psychology</li> </ul>	Chapter 1 (pp. 27-43)	Reading a Scientific Article	<i>Assignment:</i> Reading a Scientific Article (Harris et al., 2009)
#3: Jan 22 <sup>nd</sup>	<ul style="list-style-type: none"> <li>Statistics</li> </ul>	Chapter 1 (pp. 44-49)	Naturalistic Observation	<i>Assignment:</i> Naturalistic Observation
#4: Jan 29 <sup>th</sup>	<ul style="list-style-type: none"> <li>Behavioural Genetics and Evolutionary Psychology</li> </ul>	Chapter 4 (pp. 126-141)	Correlation	<i>Quiz:</i> Correlation <i>Assignment:</i> Correlation
#5: Feb 5 <sup>th</sup>	<u><b>Test #1 15% - Friday, Feb 9<sup>th</sup></b></u> <ul style="list-style-type: none"> <li>Prologue, Chapters 1 &amp; 4</li> </ul>		Descriptive Statistics	<i>Quiz:</i> Descriptive Statistics <i>Assignment:</i> Descriptive Statistics
#6: Feb 12 <sup>th</sup>	<ul style="list-style-type: none"> <li>Brain and Behaviour</li> </ul>	Chapter 2 & p. 346	Brain Game	<i>Assignment:</i> Brain and Behaviour Worksheets <i>Online Activity:</i> Brain Game
#7: Feb 19 <sup>th</sup>	<b>READING BREAK: No New Lecture Material</b>	<b>No New Reading Material</b>	Inferential Statistics	<i>Quiz:</i> Inferential Statistics <i>Assignment:</i> Inferential Statistics
#8: Feb 26 <sup>th</sup>	<ul style="list-style-type: none"> <li>Consciousness</li> <li>Sleep and Dreams</li> </ul>	Chapter 3 (pp. 88-109)	Final Project Preparation	<i>Assignment:</i> Craik and Tulving (1975)
#9: Mar 4 <sup>th</sup>	<ul style="list-style-type: none"> <li>Learning</li> </ul>	Chapter 7	Designing the Experiment	<i>Assignment:</i> Designing the Experiment
#10: Mar 11 <sup>th</sup>	<u><b>Test #2 15% - Friday, Mar 15<sup>th</sup></b></u> Chapters 2, 3 (pp. 88-109), & 7		Visiting the APA Website	<i>Quiz:</i> APA Website
#11: Mar 18 <sup>th</sup>	<ul style="list-style-type: none"> <li>Sensation</li> </ul>	Chapter 6	Formatting the paper and writing the Title page, Method section, and Appendix	<i>Assignment:</i> Title Page, Method section, and Appendix
#12: Mar 25 <sup>th</sup>	<ul style="list-style-type: none"> <li>Perception</li> </ul>	Chapter 6	Data Analysis, Writing the Results, and Creating the Figure	<i>Assignment:</i> Results and Figure
#13: Apr 1 <sup>st</sup>	<ul style="list-style-type: none"> <li>Memory</li> </ul>	Chapter 8	Citations and References in APA Style	<i>Quiz:</i> APA Citations and References
#14: Apr 8 <sup>th</sup>	<ul style="list-style-type: none"> <li>Thinking and Language</li> </ul>	Chapter 9	Writing the Abstract, Introduction, Discussion, and References	<i>Assignment:</i> Submit the Final Paper (DUE: last week of classes on Apr 12 <sup>th</sup> at 11:59 PM)
<b>Final Exam Period</b>	<u><b>Test #3 15%</b></u> Chapters 6, 8, & 9			



