



CAMOSUN COLLEGE
School of Arts & Science
Department of Psychology

PSYC-201-D02
Research Methods in Psychology
Fall 2020

COURSE OUTLINE

The course description is available on the web @ <http://camosun.ca/learn/calendar/current/web/psyc.html>

Ω Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.

1. Instructor Information

(a) Instructor	Dr. Judy Caldwell
(b) Office hours	Thursday 10:00 to 12:00
(c) Location	Virtual
(d) Phone	250 370 3198 Alternative: _____
(e) E-mail	caldwell@camosun.bc.ca
(f) Website	_____

2. Intended Learning Outcomes

(If any changes are made to this part, then the Approved Course Description must also be changed and sent through the approval process.)

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.

3. Required Materials

(a) Texts

Text: Cozby, P. C. & Rawn, C. D. (2016). *Methods in Behavioral Research* (3rd Canadian Edition). McGraw-Hill Ryerson.

4. Course Content and Schedule

This course is asynchronous.

5. Basis of Student Assessment (Weighting)

(Should be directly linked to learning outcomes.)

Students' performance in this course is based on: a) **weekly lab assignments** (20%), b) **a final lab report** (15%), **lecture module quizzes** (15%), and **three exams** (50%).

a) **Lab Assignments:** (20% of course grade)

There is a lab assignment to complete 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 assignment for each week will need to be completed by 11:59 pm on Friday. The final few lab assignments in the semester will be devoted to a final research project (discussed below).

b) **Final Research Project:** (15% of course grade)

There is a final research report required in this course. This project will involve designing an experiment, analyzing data, and writing the results in an APA style research paper. The final lab report is due Friday December 11th at 11:59 pm.

The details for this final lab report will be outlined later in the course in the individual lab modules dedicated to the final project (weeks 10 to 14).

Please note: Due to Covid-19 and the need to socially distance, students will not be asked to test participants for any of the weekly lab assignments or for the final research report.

c) **Exams:** (50% of course grade)

There are three tests in this course. 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 first exam (15% of the course grade) will be held in week 5 of the semester and will cover Chapters 1, 2, 3, 5 and Appendix D. The second exam (15% of the course grade) will cover Chapters 4, 6, 7, 8 and 9 and will be held in week 10. The third exam (20% of the course grade) is cumulative and will be held during the final exam period. It will cover Chapters 7 (pp. 143-146), 10 (pp. 187-198 and 202-207), 12, 13, 14 and Appendix B (pp 334-336), as well as all chapters covered earlier in the course.

Test taking protocols will be reviewed and posted on D2L.

Missing a test without notifying the instructor beforehand results in a 0 on the test. IF there is an emergency, contact the instructor immediately and provide documentation within 48 hours of missed test.

d) Lecture Module Quizzes: (15% of course grade)

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 quiz.

6. Grading System

(If any changes are made to this part, then the Approved Course description must also be changed and sent through the approval process.)

(Mark with "X" in box below to show appropriate approved grading system – see last page of this template.)

- Standard Grading System (GPA)
- Competency Based Grading System

7. Recommended Materials to Assist Students to Succeed Throughout the Course

Course material will be posted to D2L throughout the semester. To be successful in this course, it is recommended that students:

1. Follow along with the course syllabus timetable (the last page of this document) throughout the semester to keep abreast of important deadlines and work due.
2. Stay up to date with the chapter readings.
3. Complete all lecture module quizzes after reviewing lecture PowerPoint slides and reading the assigned pages in the text.
4. Complete and submit all lab assignments by the deadline. When doing so, be sure to pay close attention to the lab assignment instructions.

8. College Supports, Services and Policies



Immediate, Urgent, or Emergency Support

If you or someone you know requires immediate, urgent, or emergency support (e.g. illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts @ <http://camosun.ca/about/mental-health/emergency.html> or <http://camosun.ca/services/sexual-violence/get-support.html#urgent>

College Services

Camosun offers a variety of health and academic support services, including counselling, dental, disability resource centre, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit the **STUDENT SERVICES** link on the College website at <http://camosun.ca/>

College Policies

Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with the content of College policies. Policies are available on the College website at

<http://camosun.ca/about/policies/>. Education and academic policies include, but are not limited to, Academic Progress, Admission, Course Withdrawals, Standards for Awarding Credentials, Involuntary Health and Safety Leave of Absence, Prior Learning Assessment, Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees, Student Appeals, Student Conduct, and Student Penalties and Fines.

A. GRADING SYSTEMS <http://camosun.ca/about/policies/index.html>

The following two grading systems are used at Camosun College:

1. Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D		1
0-49	F	Minimum level has not been achieved.	0

2. Competency Based Grading System (Non GPA)

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes

Grade	Description
COM	The student has met the goals, criteria, or competencies established for this course, practicum or field placement.
DST	The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement.
NC	The student has not met the goals, criteria or competencies established for this course, practicum or field placement.

B. Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy at <http://camosun.ca/about/policies/index.html> for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete</i> : A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.

IP	<i>In progress:</i> A temporary grade assigned for courses that are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
CW	<i>Compulsory Withdrawal:</i> A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.

PSYCH 201 D01 & D02 FALL 2020 TIMETABLE

Week	Lecture Module Topic	Readings	Lab Module Topic	Lab Module Activities Due
#1: Sept 7th	<ul style="list-style-type: none"> Introduction 		Introduction and Welcome! How to read an academic journal article.	Assignment: Welcome Survey and Creativity Tests Quiz: Reading Jordan & Zanna (1999)
#2: Sept 14th	<ul style="list-style-type: none"> The Scientific Method 	Chapter 1 Chapter 2 Appendix D	Finding and reading a scientific article and operational definitions	Assignment: Reading Hutchens (2005) and Operational Definitions
#3: Sept 21st	<ul style="list-style-type: none"> Ethics 	Chapter 3	Citations and References in APA	Assignment: Searching PsycINFO Quiz: APA Citations and References
#4: Sept 28th	<ul style="list-style-type: none"> Measurement 	Chapter 5	Conducting ethical research and viewing the Tri-Council Policy Statement	Assignment: Evaluating the Milgram Obedience Study Quiz: Tri-Council Policy Statement
#5: Oct 12th	<p><u>Exam #1 15%</u></p> <ul style="list-style-type: none"> Chapters 1, 2, 3 & 5 and Appendix D 		Descriptive Statistics Review Appendix B (pp. 334-336)	Assignment: Descriptive Statistics
#6: Oct 5th	<ul style="list-style-type: none"> Non Experimental Methods 	Chapters 6 & 7	Reading Ruback & Juieng (1999) Qualitative and Quantitative Research	Assignment: Reading Ruback & Juieng (1999) and Conducting Qualitative Research Quiz: Qualitative versus Quantitative Research
#7: Oct 19th	<ul style="list-style-type: none"> Correlational Research 	Chapter 4	Correlational Research	Assignment: Correlation
#8: Oct 26th	<ul style="list-style-type: none"> Experimental Research 	Chapter 9	Experimental Research	Assignment: Correlation versus Experiment (reading articles)
#9: Nov 2nd	<ul style="list-style-type: none"> Between and Within Subject Designs 	Chapter 8	Between versus Within Subject Designs	Assignment: Reading Swenkels & Giuliano (2018)
#10: Nov 9th	<p><u>Exam #2 15%</u></p> <p>Chapters 4, 6, 7, 8 & 9</p>		Coming up with an experimental idea – the IV, DV, operational definitions and materials	Assignment: Writing the Proposal
#11: Nov 16th	<ul style="list-style-type: none"> Specialized Designs 	Chapter 10 (pp. 187-198 and 202-207)	Designing the Experiment – Procedure and Ethicality	Assignment: Literature Search, Ethics and Informed Consent
#12: Nov 23rd	<ul style="list-style-type: none"> Descriptive Statistics Inferential Statistics 	Chapters	Formatting the paper, writing the Title page, Methods section and Appendix	Assignment: Writing the Title Page Methods Section and Appendix

		12 & 13 and Appendix B (pp. 334-336)		
#13: Nov 30th	<ul style="list-style-type: none"> • Sampling • Units of Measurement • Generalizing Results 	Chapter 7 (pp. 143-146) Chapter 14	Data Analysis and Results	Assignment: Analyzing the Data, Writing the Results Section, and Creating the Figure
#14: Dec 7th	<ul style="list-style-type: none"> • Review • Jeopardy! Game 		Writing the Abstract, Introduction, Discussion and References	Quiz: APA style Submitting your final research report
Final Exam Period	<u>Exam #3 20%</u> Chapters 7 (pp. 143-146), 10 (pp. 187-198 & 202-207), 12, 13 & 14 and Appendix B (pp 334-336) and all previously assigned chapters			