



CAMOSUN COLLEGE
School of Arts & Science
Department of Psychology

PSYC-201-001 A, B & C
Research Methods in Psychology
Fall 2018

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	<u>Dr. Judy Caldwell</u>
(b) Office hours	<u>Wednesday 1:30 to 2:20 and Thur 12:00 to 1:20</u>
(c) Location	<u>F314C</u>
(d) Phone	<u>370-3198</u> Alternative: _____
(e) E-mail	<u>caldwell@camosun.bc.ca</u>

2. Intended Learning Outcomes

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

1. Cozby, P. C. & Rawn, C. D. (2016). *Methods in Behavioral Research* (2nd Canadian Edition). Toronto: McGraw-Hill Ryerson.
2. Psychology 201 Lecture Workbook. Available in the Camosun College bookstore.

4. Course Content and Schedule

1. There is one two-hour lecture each week (Thursdays at 10:00 in Y310).
2. There is one 1.5 hour lab per week. (Your student class schedule informs you of your assigned lab section.)

5. Basis of Student Assessment (Weighting)

FINAL GRADES WILL BE WEIGHTED AS FOLLOWS:

Lab participation and assignments	20%
Final Lab Research Paper (due Friday, December 9th)	15%
Lecture activities	5%
Test #1	15%
Test #2	15%
Test #3	<u>30%</u>
	100%

Lab Assignments: (20% of course grade)

There is a written assignment for each lab. You must be in attendance to participate in the lab. Lab make-ups will only be allowed with a doctor's note justifying the absence. The assignments are due the following week in lab.

Tests: (60% of course grade)

There are three tests in this course. The first test will cover Chapters 1, 2, 3, and 5 and is worth 15%. The second test will cover Chapters 4, 6, 7, 8, and 12 (pp. 255-259) and pages 374-377 in the Appendix, and is worth 15%. The last test will cover Chapters 9, 10, 12, 13, and 14, Appendix A, as well as the chapters covered in the first two sections of the course and is worth 30% of the course grade. All tests are based on information from the lectures, lab activities, and assigned readings. These tests will consist of multiple choice and short answer questions

Lecture Activities: (5% of course grade)

There will be random, brief, in-class activities. You must be in attendance to participate in the activity. **There will be no make-up opportunities for lecture activities missed without a doctor's note.**

Lab Report: (15% of course grade)

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 7th at 4:00. Details concerning the lab report will be discussed in lab.

6. Grading System

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

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

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 01 A, B & C FALL 2018 TIMETABLE

Week # and Lecture Date	Lecture Topic	Readings	Lab Activities	Labs DUE
#1: Sept 6th	• Course Introduction	Chapters 1 Appendix D	Introductions	No Lab Assignment Due
#2: Sept 13th	• The Scientific Method	Chapters 2	How to read a scientific article	/10 Jordan & Zanna article assignment
#3: Sept 21st	• Recruiting and Using Participants • Ethical Research	Chapter 3	Operational Definitions Navigating the Tri-council website Navigating the APA website	/10 Operational Definition Assignment /5 APA assignment /5 Tri-council assignment

#4: Sept 27th	• Measurement	Chapter 5	Reading a Scientific Article 📄 Ruback Article Assigned 📄 Research Proposal Assigned	/10 Alzheimer's article assignment
#5: Oct 4th	Test #1 15% Chapter 1, 2, 3, & 5	Appendix B (pp. 368-371) Chapter 12 (pp. 250-252)	Descriptive Statistics Review	/10 Descriptive stats assignment
#6: Oct 11th	• Observational Research • Surveys	Chapter 6 Chapter 7	Qualitative versus Quantitative Research 📄 Quantitative Observation Assigned	/10 Ruback article assignment due (will not be accepted late!) /10 Qualitative assignment (3 bonus points for handing in proposal early)
#7 Oct 18th	• Chi Square	Appendix B (pp. 374-377)	Chi Square	/10 Chi Square assignment /5 Quantitative Data Due /15 Proposal Due
#8: Oct 25th	• Correlational Research	Chapter 4 Chapter 12 (pp. 255-259)	Correlational Method Discuss Proposals	/10 Correlation Assignment
#9: Nov 1st	• Experimental Research	Chapter 8	Discuss Proposals (con't) Ethics Checklist Informed Consent 📄 Data Collection Assigned (i.e., data collection sheet)	/5 Ethics Checklist /5 Informed Consent
#10: Nov 8th	Test #2 15% Chapters 4, 6, 7, 8, 12 (pp. 255-259), & Appendix B (pp. 374-377).	Appendix A	Project Design: Drop-in	No Assignment Due
#11: Nov 15th	• Between and Within Subject Designs	Chapter 9	Project Write-Up: Title page, Methods and Appendix	/10 Title page, Methods and Appendix
#12: Nov 22nd	• Factorial Designs	Chapter 10	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 29th	• Statistics	Chapter 12 Chapter 13	Project Write-Up: Introduction, Discussion, and References	No Assignment Due
#14: Dec 6th	• Generalizing Results	Chapter 14	Project Write-Up: Abstract and drop-in to work on project	Final Research Paper – Due Friday December 7th at 4:00
Final Exam Period	Test #3 30% Chapters 9, 10, 12, 13, 14, Appendix A, and all previous chapters			

******Note this timetable is tentative and any changes will be discussed in class. No lab work will be accepted after 4pm on Friday December 7th, 2018**