



**CAMOSUN COLLEGE**  
**School of Arts & Science**  
**Department of Psychology**

**PSYC-201-001**  
**Research Methods in Psychology**  
**Winter 2020**

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## **COURSE OUTLINE**

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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.

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### **1. Instructor Information**

(a) Instructor	Dr. Judy Caldwell	
(b) Office hours	Tuesday 1:00 to 2:20 and Wednesday 1:30 to 2:50	
(c) Location	F314C	
(d) Phone	370 3198	Alternative: _____
(e) E-mail	caldwell@camosun.bc.ca	
(f) Website	_____	

### **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**

(a) Texts

Cozby, P. C. & Rawn, C. D. (2016). *Methods in Behavioral Research* (2<sup>nd</sup> Canadian Edition). Toronto: McGraw-Hill Ryerson.

(b) Other

Psychology 201 Lecture Workbook. Available in the Camosun College bookstore.

## 4. Course Content and Schedule

1. There is one two-hour lecture each week (Mondays at 9:30 in Y216).
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)

**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 Chapter 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, and 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. **There will be no make-up opportunities for lecture activities missed without a doctor's note.**

**Lab Report:** (15% of course grade)

There is a final 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. There is a very strict process that must be followed when conducting the research including submitting a proposal and completing an ethics checklist. The final paper will not be accepted or graded unless this process has been followed. This lab report will be due Thursday, April 9th 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 WINTER 2020 TIMETABLE

Week # and Lecture Date	Lecture Topic	Readings	Lab Activities	Labs DUE
#1: Jan 6	• Course Introduction	Chapter 1 Appendix D	Introductions Operational Definitions	/10 Operational Definition Assignment
#2: Jan 13th	• The Scientific Method	Chapter 2	How to read a scientific article	/10 Jordan & Zanna article assignment
#3: Jan 20th	• Recruiting and Using Participants • Ethical Research	Chapter 3	Reading a Scientific Article  Ruback Article Assigned	/10 Alzheimer's article assignment
#4: Jan 27th	• Measurement	Chapter 5	Navigating the Tri-council website Navigating the APA website	/5 Tri-council assignment /5 APA assignment
#5: Feb 3rd	<b>Test #1 15%</b> Chapter 1, 2, 3, & 5	Appendix B (pp. 368-371) Chapter 12 (pp. 250-252)	Descriptive Statistics Review  Research Proposal Assigned	/10 Descriptive stats assignment
#6: Feb 10th	• Observational Research • Surveys • Chi Square	Chapter 6 Chapter 7 Appendix B (pp. 374-377)	Qualitative versus Quantitative Research  Quantitative Observation Assigned	/10 Ruback article assignment due ( <b>will not be accepted late!</b> ) /10 Qualitative assignment ( <b>3 bonus points for handing in proposal early</b> )

#7 Feb 17th	<b>NO LECTURE – READING BREAK</b>		<b>NO LAB – READING BREAK</b>	<b>No Assignment Due</b>
#8: Feb 24th	• Correlational Research	Chapter 4 Chapter 12 (pp. 255-259)	Chi Square	<b>/10 Chi Square assignment /5 Quantitative Data Due /15 Proposal Due</b>
#9: Mar 2nd	• Experimental Research	Chapter 8	Correlational Method Discuss Proposals	<b>/10 Correlation Assignment</b>
#10: Mar 9th	<b>Test #2 15%</b> Chapters 4, 6, 7, 8, 12 (pp. 255-259), & Appendix B (pp. 374-377).	Appendix A	Discuss Proposals (con't) Ethics Checklist Informed Consent  Data Collection Assigned (i.e., data collection sheet)	<b>/5 Ethics Checklist /5 Informed Consent</b>
#11: Mar 16th	• Between and Within Subject Designs	Chapter 9	Project Write-Up: Title page, Methods and Appendix  Repeated measures assignment	<b>/10 Title page, Methods and Appendix</b>
#12: Mar 23rd	• Factorial Designs	Chapter 10	Project Write-Up: Introduction, Discussion, and References	<b>/10 Repeated measures assignment</b>
#13: Mar 30th	• Statistics	Chapter 12 Chapter 13	Data Analysis Project Write-up: Results, Figure Caption, Figure	<b>Data due in lab (i.e., data collection sheet) /10 Results section, Figure Caption, Figure</b>
#14: Apr 6th	• Generalizing Results	Chapter 14	Project Write-Up: Abstract, Drop-in to work on project	<b>Final Research Paper – Due Thursday April 9th at 4:00</b>
<b>Final Exam Period</b>	<b>Test #3 30%</b> 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 Thursday April 9th, 2020**