



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

**PSYC-201- D01 & D02**  
**Research Methods in Psychology**  
**Winter 2021**

## **COURSE OUTLINE**

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

☐ 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	Thursday 10:00 to 12:00	
(c) Location	D2L Collaborate	
(d) Phone	250 370 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**

Cozby, P. C., Mar, R. A., & Rawn, C. D. (2020). *Methods in Behavioral Research* (3<sup>rd</sup> Canadian Edition). McGraw-Hill Ryerson.

### **4. Course Content and Schedule**

## PSYCH 201 D01 & D02 WINTER 2021 TIMETABLE

Week	Lecture Module Topic	Readings	Lab Module Topic	Lab Module Activities Due
#1: Jan 11th	<ul style="list-style-type: none"> <li>Introduction</li> </ul>		Welcome! Creativity Tasks Jordan & Zanna (1999)	Assignment: Creativity Tasks Quiz: Welcome Survey Quiz: Reading Jordan & Zanna (1999)
#2: Jan 18th	<ul style="list-style-type: none"> <li>The Scientific Method</li> </ul>	Chapter 1 Chapter 2 Appendix D	Operational Definitions	Assignment: Operational Definitions and Reading Hutchens (2005)
#3: Jan 25th	<ul style="list-style-type: none"> <li>Ethics</li> </ul>	Chapter 3	Finding Articles and Citations and References in APA	Assignment: Finding Journal Articles Quiz: Citations and References
#4: Feb 1st	<ul style="list-style-type: none"> <li>Measurement</li> </ul>	Chapter 5	Ethics and the Tri-Council	Assignment: Evaluating the Milgram Obedience Study Quiz: Tri-Council Ethics Policy
#5: Feb 8th	<p><b><u>Exam #1 15% - Friday Feb 12th</u></b></p> <ul style="list-style-type: none"> <li>Chapters 1, 2, 3 &amp; 5 and Appendix D</li> </ul>		Descriptive Statistics Appendix B (pp. 334-336)	Assignment: Descriptive Statistics
#6: Feb 15th	<ul style="list-style-type: none"> <li><b>READING BREAK</b></li> </ul>	<b>NO NEW LECTURE MATERIAL</b>		<b>NO LABS DUE</b>
#7: Feb 22nd	<ul style="list-style-type: none"> <li>Non Experimental Methods</li> </ul>	Chapters 6 & 7	Qualitative versus Quantitative Research	Assignment #1: Reading Ruback & Juieng (1999) Assignment #2: Qualitative versus Quantitative Research Quiz: Qualitative versus Quantitative Research
#8: Mar 1st	<ul style="list-style-type: none"> <li>Correlational Research</li> <li>Experimental Research</li> </ul>	Chapters 4 & 9	Correlational and Experimental Research	Assignment #1: Correlation Assignment #2: Correlation versus Experiment (reading articles)
#9: Mar 8th	<ul style="list-style-type: none"> <li>Between and Within Subject Designs</li> </ul>	Chapter 8	Between and Within Subject Designs	Assignment: Reading Swinkels & Giuliano (2018)
#10: Mar 15th	<p><b><u>Exam #2 15% - Friday Mar 19th</u></b></p> <p>Chapters 4, 6, 7, 8 &amp; 9</p>		Writing the Project Proposal	Assignment: Project Proposal
#11: Mar 22nd	<ul style="list-style-type: none"> <li>Specialized Designs</li> </ul>	Chapter 10 (pp. 187-198 and 202-207)	Designing the Experimental Procedure and Ethicality	Assignment: Literature Search and Informed Consent Quiz: Ethics Checklist
#12: Mar 29th	<ul style="list-style-type: none"> <li>Descriptive Statistics</li> <li>Inferential Statistics</li> </ul>	Chapters 12 & 13 and Appendix B (pp. 334-336)	Formatting the paper, writing the Title page, Method section and Appendix	Assignment: Writing the Title Page Method Section and Appendix
#13: Apr 5th	<ul style="list-style-type: none"> <li>Sampling</li> <li>Units of Measurement</li> <li>Generalizing Results</li> </ul>	Chapter 7 (pp. 143-146) Chapter 14	Data Analysis, Results and Figure	Assignment: Analyzing the Data, Writing the Results Section, and Creating the Figure
#14: Apr 12th	<ul style="list-style-type: none"> <li>Jeopardy! Game</li> </ul>	Appendix A	Writing the Abstract, Introduction, Discussion and References	Submitting your final research report
<b>Final Exam Period</b>	<p><b><u>Exam #3 15%</u></b> Chapters 7 (pp. 143-146), 10 (pp. 187-198 &amp; 202-207), 12, 13 &amp; 14 and Appendices A and B (pp. 334-336)</p>			

## 5. Basis of Student Assessment (Weighting)

### FINAL GRADES WILL BE WEIGHTED AS FOLLOWS:

Lab assignments	25%
Final lab report	15%
Lecture Module Quizzes	15%
Exam #1	15%
Exam #2	15%
Exam #3	<u>15%</u>
	100%

Students' performance in this course is based on: a) **weekly lab assignments** (25%), b) **a final lab report** (15%), **lecture module quizzes** (15%), and **three exams** (45%).

#### a) **Lab Assignments:** (25% 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 11<sup>th</sup> 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:** (45% 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 on the Friday of 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 on the Friday of week 10. The third exam (15% of the course

grade) will be held during the final exam period and will cover Chapters 7 (pp. 143-146), 10 (pp. 187-198 and 202-207), 12, 13, 14 and Appendix B (pp 334-336).

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

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.

