

School of Arts & Science PSYCHOLOGY DEPARTMENT PSYC 201

Research Methods in Psychology Winter 2016

COURSE OUTLINE

The course description is online @ http://camosun.ca/learn/calendar/current/web/psyc.html

Ω Please note: the College electronically stores this outline for five (5) years only. It is strongly recommended you keep a copy of this outline with your academic records. You will need this outline for any future application/s for transfer credit/s to other colleges/universities.

1. Instructor Information

(a)	Instructor:	Dr. Judy Caldwell			
(b)	Office Hours:	Tuesday 2:30 to 3:30 and Wednesday 12:30 to 2:30			
(c)	Location:	F314C	F314C		
(d)	Phone:	370 3198	Alternative Phone:		
(e)	Email:	Caldwell@camos	Caldwell@camosun.bc.ca		
(f)	Website:				

2. Intended Learning Outcomes

(No changes are to be made to these Intended Learning Outcomes as approved by the Education Council of Camosun College.)

Upon successful 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. Text: Cozby, P. C. & Rawn, C. D. (2012). *Methods in Behavioral Research* (Canadian Edition). Toronto: Mayfield
- Psychology 201 Lecture Workbook. Available in the Camosun College bookstore.

4. Course Content and Schedule

- 1. There is one two-hour lecture each week.
- 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)

(This section should be directly linked to the Intended Learning Outcomes.)

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, 5, and 6 and is worth 15%. The second test will cover Chapters 4, 7, 8, 9 and Chapter 12 (pp. 243-248) and pages 352-355, and is worth 15%. The last test will cover Chapters 10, 12, 13, and 14, Appendix A, as well as the chapters covered in the first two secions 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 (REFER TO THE EXAM OUTLINES AT THE BACK OF THE LECTURE WORKBOOK FOR CONTENT COVERED ON EACH OF THE THREE EXAMS)

MAKE-UP TESTS AND ASSIGNMENTS WILL ONLY BE ALLOWED WITH PROPER DOCUMENTATION. YOU MUST CONTACT THE INSTRUCTOR, AND PROVIDE DOCUMENTATION, WITHIN 7 DAYS OF THE MISSED TEST DATE TO BE ELIGIBLE FOR THE MAKE-UP TEST.

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, April 15th at 4:00. Details concerning the lab report will be discussed in lab.

LATE WORK WILL ONLY BE ACCEPTED IN EXTREME CASES. PLEASE SCHEDULE YOUR TIME TO MEET ALL DUE DATES.

FINAL GRADES WILL BE WEIGHTED AS FOLLOWS:

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

6. Grading System

(No changes are to be made to this section unless the Approved Course Description has been forwarded through the Education Council of Camosun College for approval.)

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	Α		8
80-84	A-		7
77-79	B+		6
73-76	В		5
70-72	B-		4
65-69	C+		3
60-64	С		2
50-59	D	Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite.	1
0-49	F	Minimum level has not been achieved.	0

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 E-1.5 at **camosun.ca** for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description		
I	Incomplete: 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	In progress: A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. (For these courses a final grade will be assigned to either the 3 rd course attempt or at the point of course completion.)		
cw	Compulsory Withdrawal: 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.		

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

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College calendar, at Student Services, or the College web site at camosun.ca.

STUDENT CONDUCT POLICY

There is a Student Conduct Policy **which includes plagiarism**. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, at Student Services, and the College web site in the Policy Section.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED

PSYCH 201 01 A, B & C WINTER 2016 TIMETABLE

Week # and Lecture Date	Lecture Topic	Readings	Lab Activities	Labs DUE
#1: Jan 12th	Introduction The Scientific Method	Chapters 1 & 2	Introductions	No Assignments Due
#2: Jan 19th	Recruiting and Using Participants Ethical Research	Chapter 3	Using the Camosun Library Navigating the APA website Navigating the ASA website	/2.5 Abstract printout /2.5 APA assignment /2.5 ASA assignment
#3: Jan 26th	Measurement	Chapter 5	Navigating the Tri-council website Operational Definitions Ruback Article Assigned	/2.5 Tri-council assignment /10 Operational Definition Assignment
#4: Feb 2nd	Non Experimental Research	Chapter 6	Reading a Scientific Article Research Proposal Assigned	/10 Alzheimer's article assignment
	<u>Test #1 15%</u>		()LIGHTITOTING DOGGERON	/10 Ruback article assignment due (will not
#5: Feb 9th	Chapter 1, 2, 3, 5 & 6		Quantitative Observation Assigned	be accepted late!) /10 Qualitative assignmen
#6: Feb 16th	Surveys Chi Square	Chapter 7 Appendix (pp.	NO LABS – READING BREAK	No Assignment Due
#7 Feb 23rd	Correlational Research	352-355) Chapter 4 Chapter 12 (pp. 243-248)	Descriptive Statistics Review	/10 Descriptive stats assignment /5 Quantitative data due (3 bonus points for handing in proposal early)
#8: Mar 1st	Experimental Research	Chapter 8	Chi Square	/10 Chi Square assignment /15 Proposal Due
#9: Mar 8th	Between and Within Subject Designs	Chapter 9	Correlational Method Discuss Proposals	/10 Correlation #1
#10: Mar 15th	Test #2 15% Chapters 4, 7, 8, 9,12 (pp. 243-248), & Appendix (pp. 352-355).		Correlation Analysis Discuss Proposals (con't) Ethics Checklist Informed Consent Data Collection Assigned (i.e., data collection sheet)	/10 Correlation #2 – Analysis /5 Ethics Checklist /5 Informed Consent
#11: Mar 22nd	Factorial Designs	Chapter 10	NO LABS – GOOD FRIDAY	No Assignment Due
#12: Mar 29th	Statistics	Chapter 12 Chapter 13	Project Write-Up: Title page, Methods and Appendix	/10 Title page, Methods and Appendix
#13: Apr 5th	Generalizing Results	Chapter 14	Data Analysis Project Write-up: Results, Figure Caption, Figure	Data due in lab (i.e., data collection sheet) /10 Results section, Figure Caption, Figure
#14: Apr 12th	Jeopardy!!		Project Write-Up: Abstract, Introduction, Discussion, and References	Final Research Paper – Due Friday April 15th at 4:00

Final Exam
Period

Test #3 30% Chapters 10, 12, 13, 14, Appendix A, and all previous chapters

****Note this timetable is <u>tentative</u> and any changes will be discussed in class.

No lab work will be accepted after 4pm on Friday April 15th, 2016