



School of Arts & Science  
PSYCHOLOGY DEPARTMENT  
PSYC 201  
Research Methods in Psychology  
Winter 2011

## COURSE OUTLINE

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

### 1. Instructor Information

(a)	Instructor:	Marty Donatelli		
(b)	Office Hours:	Mon, Tues & Thurs 12:00 – 1:00 Wed 3:00 – 4:00		
(c)	Location:	F308A		
(d)	Phone:	370-3220	Alternative Phone:	
(e)	Email:	<a href="mailto:donatellim@camosun.bc.ca">donatellim@camosun.bc.ca</a>		
(f)	Website:	D2I		

### 2. Intended Learning Outcomes

Upon completion of this course the 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 a statistical program for summarizing and analyzing data.
7. Use APA guidelines to write a scientific paper.

### 3. Required Materials

Texts: Cozby, P. C. (2009). *Methods in Behavioral Research* (10th Edition). Toronto: Mayfield

### 4. Course Content and Schedule

#### Course Description

This course introduces students to research techniques in psychology. The aim is to develop an understanding of the conceptual foundations of various research strategies. Topics include formulating research designs and questions, measurement of variables, data analysis, drawing valid conclusions, and writing research reports. Labs and exercises include acquiring computer skills. (T). Prerequisites: Math 10 or assessment. PSYC 110 and one of either PSYC 120, 130, 150 or 164.

Lectures are designed to provide information on the science of psychology. Topics are outlined on the last page. The labs are designed to provide students with knowledge of and experience with various research methods, skills and statistics.

### 5. Basis of Student Assessment (Weighting)

Lab Assignments 20%

Course/group project 20%

In class activities 5%

Exams Midterm 27.5% Final 27.5%

## 6. Grading System

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	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](http://camosun.ca) 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, 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. <i>(For these courses a final grade will be assigned to either the 3<sup>rd</sup> course attempt or at the point of course completion.)</i>
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.

## 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](http://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.

#### Technology policy

- No electronic devices are allowed during exams. This includes but is not limited to; computers, electronic dictionaries, electronic translators, cell phones, pdas, and other personal electronic devices.
- Assignments not received by the deadline will still be subject to penalty.
- Student's use of lap tops in class is restricted to note taking.
- All cell phones must be turned off during class. Exceptions for emergency purposes only must be discussed with the instructor ahead of time.

## RESEARCH METHODS

Week	Lab (Monday)	Lecture (Thursday)	Cozby Readings
1	Classmate characteristics	Science, Hypotheses, Library research	1 & 2
2	ESM	Ethics	3
3	archival & chi <sup>2</sup>	Variables	4
4	content analysis	Reliability, validity, scales	5
5	psychological tests	Observation, case study, archival	6
6	Observational	Surveys, sampling	7 & p291
7	survey	no class Reading break	
8	interview	Midterm	
9	focus group	Experimental design	8 & 10
10	quasi experiment	Conducting experiments	9 & p291-292
11	stats lab	Alternative designs	11 & p 292-295
12	Writing with (APA) style	Descriptive stats & correlation	12
13	correlational	Inferential: t F and statistical significance	13 & 299-305
14	research presentations	Generalizing	14
15	none	Final to be scheduled	