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|  | <p><b>School of Arts &amp; Science</b><br/> <b>PSYCHOLOGY DEPARTMENT</b><br/> <b>PSYC 201 001</b><br/> <b>Research Methods in Psychology</b><br/> <b>Winter 2010</b></p> |
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## 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:   | Judy Caldwell   |                    |  |
| (b) | Office Hours: | Tuesday 1:30 to 3:00; Thursday 1:30 to 2:30                                 |                    |  |
| (c) | Location:     | F314C   |                    |  |
| (d) | Phone:        | 3198  | Alternative Phone: |  |
| (e) | Email:        | <a href="mailto:Caldwell@camosun.bc.ca">Caldwell@camosun.bc.ca</a>          |                    |  |
| (f) | Website:      | <a href="http://web.me.com/judycaldwell">http://web.me.com/judycaldwell</a> |                    |  |

### 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 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 SPSS for summarizing and analyzing data.
7. Use APA guidelines to write a scientific paper.

### 3. Required Materials

- a. Text: Cozby, P. C. (2009). *Methods in Behavioral Research* (10th Edition). Toronto: Mayfield
- b. Psychology 201 Lecture Workbook. Available in the Camosun College bookstore.

### 4. Course Content and Schedule

(This section can include: class hours, lab hours, out of class requirements and/or dates for quizzes, exams, lectures, labs, seminars, practicums, etc.)

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 at the end of week following the lab and are to be submitted by 4:00 on Friday.

**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 pages 340-343, 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 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, April 9th at 4:00. Details concerning the lab report will be discussed in Lab.

**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      | 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                       |

**FINAL GRADES WILL BE WEIGHTED AS FOLLOWS:**

|                                   |     |
|-----------------------------------|-----|
| Lab participation and assignments | 20% |
| Final Lab Research Paper          | 15% |
| Lecture activities                | 5%  |
| Test #1                           | 15% |
| Test #2                           | 15% |

**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.

ADDITIONAL COMMENTS AS APPROPRIATE OR AS REQUIRED

**PSYCH 201 01 A & B WINTER 2010 TIMETABLE**

| Week       | Lecture Topic   | Readings       | Lab Activities  | Labs DUE   |
|------------|---|----------------|---|--|
| #1: Jan 7  | <ul style="list-style-type: none"> <li>Introduction</li> <li>The Scientific Method</li> </ul>                 | Chapters 1 & 2 | <b>Introductions</b>  |  |
| #2: Jan 14 | <ul style="list-style-type: none"> <li>Recruiting and Using Participants</li> <li>Ethical Research</li> </ul> | Chapter 3      | Using the Camosun Library<br>Navigating the APA website<br>Navigating the Tri council website   | /5 Abstract printout<br>/5 APA assignment<br>/5 Tri council assignment |
| #3: Jan 21 | <ul style="list-style-type: none"> <li>Measurement</li> </ul>   | Chapter 5      | Reading a Scientific Article<br> Ruback Article Assigned | /10 Alzheimer's Article Assignment                                     |
| #4: Jan 28 | <ul style="list-style-type: none"> <li>Non Experimental Research</li> </ul>                                   | Chapter 6      | Ethics and the Milgram Experiment (video)   | /5 Ethics assignment   |
| #5: Feb. 4 | <b>Test #1 15%</b>  |                | Qualitative versus  | /10 Ruback Article   |

|                          |   |                                     |   |   |
|--------------------------|---|-------------------------------------|---|---|
|                          | Chapter 1, 2, 3, 5 & 6  |                                     | Quantitative Research<br>Quantitative Observation Assigned<br>Research Proposal Assigned                            | assignment due ( <b>will not be accepted late!</b> )<br>/10 Qualitative Assignment                  |
| #6: Feb.11               | <ul style="list-style-type: none"> <li>Survey Research</li> <li>Chi Square</li> </ul>                   | Chapter 7<br>Appendix (pp. 340-343) | Chi Square  | /5 Quantitative Data due<br>/10 Chi Square assignment   |
| #7: Feb.18               | <b>READING BREAK</b>  | <b>NO LAB</b>                       | <b>NO LECTURE</b>   |   |
| #8: Feb 25               | <ul style="list-style-type: none"> <li>Correlational Research</li> <li>Experimental Research</li> </ul> | Chapter 4<br>Chapter 8              | Descriptive Statistics Review   | <b>Proposal Due</b><br>/10 Descriptive stats assignment   |
| #9: March 4              | <ul style="list-style-type: none"> <li>Between and Within Subject Designs</li> </ul>                    | Chapter 9                           | Discuss Proposals<br>Ethics Checklist<br>Informed Consent<br>Data Collection Assigned (i.e., data collection sheet) | /5 Ethics Checklist<br>/5 Informed Consent  |
| #10: March 11            | <b>Test #2 15%</b><br>Chapters 4, 7, 8, 9 & pp. 340-343   |                                     | Project Write-Up: Title page, Methods and Appendix  | /10 Title page, Methods and Appendix  |
| #11: March 18            | <ul style="list-style-type: none"> <li>Factorial Designs</li> </ul>                                     | Chapter 10                          | Data Analysis<br>Project Write-up: Results, Figure Caption, Figure  | <b>Data due in lab (i.e., data collection sheet)</b><br>/10 Results section, Figure Caption, Figure |
| #12: March 25            | <ul style="list-style-type: none"> <li>Descriptive Statistics</li> </ul>                                | Chapter 12                          | Project Write-Up: Introduction, Discussion and References   |   |
| #13: April 1             | <ul style="list-style-type: none"> <li>Inferential Statistics</li> </ul>                                | Chapter 13                          | Project write-up and work on Presentations  |   |
| #14: April 8             | <ul style="list-style-type: none"> <li>Generalizing Results</li> </ul>                                  | Chapter 14                          | Presentations   | <b>/20 Presentation</b>   |
| <b>Final Exam Period</b> | <b>Test #3 30%</b> Chapters 10, 12, 13, 14, Appendix A, and all previous chapters                       |                                     |   |   |

\*\*\*\*Note this timetable is tentative and any changes will be discussed in class.

**No work will be accepted after 4pm on April 9<sup>th</sup>, 2009**