

Psychology 201: Winter 2003 Research Methods in Psychology

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Textbook: Cozby, P. C. (2001). *Methods in Behavioral Research* (7th Edition). Toronto: Mayfield

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.

Learning Outcomes

Upon completion of this course students are expected to be able to

- Understand the basic methodological issues pertaining to psychological research
- Critique research claims and reports

- Demonstrate practical skills of designing and conducting psychological research.
- Demonstrate competence for experimental and survey research
- Demonstrate skills to undertake quantitative and qualitative data-analysis
- Use SPSS for summarising, and analysing data
- Write a scientific paper for publication following APA guidelines

Course Organization:

The list of readings is found on the [course syllabus](#) and course notes will be posted at the following web site - <http://ccins.camosun.bc.ca/~tonks/courses/psyc201/>

Each week there will be a lecture and a laboratory session where participation is expected. The lectures are aimed at providing a background and aiding in understanding the science of psychology. The lab activities are designed to provide you with hands-on experience of conducting psychological research and learning SPSS for data analysis.

Evaluation

Exams: 50%

There will be a Midterm and Final Exam (25% each). These exams will have about 50 multiple-choice questions and 2-4 short essay questions covering material from the textbook readings, lectures, and lab activities. The exams are not cumulative but the Final Exam will have 2-4 critical thinking questions assessing your comprehensive understanding of the course including SPSS.

Lab Assignments & Participation: 25%

Each week activities will be done to help you apply the research methods and knowledge of their use to test through practical experiences (20%). Your participation in classroom and laboratory discussions, including student presentations, is worth 5%.

Group Projects: 25%:

This will be your own research project which you will design, conduct, organise and interpret the data, write up a report and give a brief presentation.

Grading Scheme: (Camosun Standards)

A+ 95 - 100	B 75 - 79	D 50 - 59
A 90 - 94	B- 70 - 74	F 0 - 49
A- 85 - 89	C+ 65 - 69	I = Incomplete*
B+ 80 - 84	C 60 - 64	

*(If the missing work is not completed within 6 weeks from the semester end, the grade will become F).
