



If Revision, Section(s) Revised: **C, H**
 Date of Previous Revision: **JUNE 2001**
 Date of Current Revision: **APRIL 2004**

C: PSYC 2301

<p>Allocation of Contact Hours to Type of Instruction / Learning Settings</p> <p>Primary Methods of Instructional Delivery and/or Learning Settings:</p> <p>Lecture</p> <p>Number of Contact Hours: (per week /semester for each descriptor)</p> <p>Lecture: 4 hours per week / semester</p> <p>Number of Weeks per Semester: 15</p>	<p>I: Course Corequisites: NONE</p> <p>J: Course for which this Course is a Prerequisite NONE</p> <p>K: Maximum Class Size: 35</p>						
<p>L: PLEASE INDICATE:</p> <table border="1"> <tr> <td><input type="checkbox"/></td> <td>Non-Credit</td> </tr> <tr> <td><input type="checkbox"/></td> <td>College Credit Non-Transfer</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>College Credit Transfer:</td> </tr> </table> <p>SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (_____)</p>		<input type="checkbox"/>	Non-Credit	<input type="checkbox"/>	College Credit Non-Transfer	<input checked="" type="checkbox"/>	College Credit Transfer:
<input type="checkbox"/>	Non-Credit						
<input type="checkbox"/>	College Credit Non-Transfer						
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M: Course Objectives / Learning Outcomes:

At the conclusion of the course the student will be able to:

1. Identify the rationale for an empirical approach to behaviour.
2. Identify the major ethical concerns as they apply to social research projects, especially those using human subjects.
3. Explain the differences between conclusions, assumptions, and hypotheses.
4. Identify the strengths and weaknesses of various research methods (e.g., case studies, experiments, quasi-experiments, surveys, observational studies)
5. Explain the relationship between reliability and validity of measurement scales, observations, and behavioural data.
6. Explain the similarities and differences between statistical control and experimental control.
7. Explain the reciprocal relationship between internal validity and generalizability of various research designs.
8. Identify the major design flaws and analysis errors of other experimenters.
9. Describe the benefits and limitations of pilot studies.
10. Design, conduct, and analyse simple experiments and/or surveys.
11. Write a research report or proposal using APA guidelines.

N: Course Content:

1. Introduction to the goals of research
2. The power and limitations of the scientific method
3. Research ethics
4. Reviewing scientific literature
5. Design of laboratory experiments
6. Confounds
7. Design of quasi-experimental research
8. Design of survey research
9. Sampling methods
10. Design of correlational research
11. The third variable problem
12. Design of field research
13. Coding data

Course Content (cont'd)

14. Single-subject research designs
15. Statistical analysis
16. Psychological measurement
17. Evaluation of research methods
18. Research report writing

O: Methods of Instruction:

This course will employ a number of instructional methods to accomplish its objectives and will include some of the following:

- lectures
- audio visual materials
- small group discussion
- research projects
- computer based tutorial exercises

P: Textbooks and Materials to be Purchased by Students:

Cozby, Paul C., (2000) Methods in Behavioral Research (7th Ed.)

R: Prior Learning Assessment and Recognition: specify whether course is open for PLAR

No. Given that the course content involves theoretical and empirical analyses of research methods in Psychology, it is unlikely to be open for PLAR except as a credit transfer from another institution.

Course Designer(s):

Education Council / Curriculum Committee Representative

Dean / Director

Registrar