

**Spring 2018 - M, W, F @ 8:30 INTRODUCTION TO RESEARCH METHODS
PSYC 2102/3-001**

COURSE OUTLINE

<u>Instructor:</u>	Dr. Di Curzio	<u>Office:</u> 4L17 Lockhart Hall (only by appointment)
<u>Telephone:</u>	204 789-3577 (off-campus)	<u>Email:</u> d.dicurzio@uwinnipeg.ca
<u>Office Hour:</u>	By appointment only	<u>Lecture:</u> 3M71

Textbook: Research Methods for the Behavioral Sciences. (5th Edition)
Gravetter & Forzano (2016).
Or e-book option: <http://login.cengagebrain.com/course/MTPQ-LRVP-Z6GQ>

Supplemental readings may be assigned in class.

Calendar Description:

This lab course introduces basic research designs. Topics include observation and measurement, reliability and validity, balanced coverage of experimental and non-experimental design strategies, control of extraneous variables, generalizability, and research communication. The lab component provides an opportunity to apply knowledge to research experiences that sample from representative areas of psychology. This course is required for Majors and Honours students in Psychology.

Prerequisite: PSYC-2101 – Introduction to Data Analysis (or Statistics equivalent course)

Restrictions: Students cannot receive credit for both PSYC-2102 and the former 44.2100

Mechanics of the Course:

The topics in this course will be taught through lectures, labs, demonstrations, and assignments.

Evaluation:

A. Exams – Students are responsible for all material presented in Lecture and Lab classes, as well as material in assigned readings, even if not covered in Lecture or Labs. Students will be required to write two tests. The format for these tests may include, but are not limited to, multiple-choice, short answer, and problem type questions. **Please bring your student card/photo identification to all tests for identification purposes.**

Term Test #1—Friday, July 6, 2018—will be given in class and will be based on assigned readings and materials discussed in class and labs prior to that date.

Value: 35%

Final Exam—Monday, July 30, 2018—will cover the entire course with emphasis on topics covered in class and labs since the first term test.

Value: 45%

Students will be allowed to write a make-up test if absent with good reason on a test date. Absences from tests will be excused for reasons relating to sickness, death in the family, or religious holidays. Students may be required to present an appropriate note from a physician or member of the clergy. Tests missed without an acceptable excuse will be assigned a mark of zero. Students must notify me as soon as possible by telephone, email, or in person before or after missing a test.

B. Labs – Please consult the lab outline for more details.

Value: 20%

Grading Procedure:

The maximum number of points possible for this course is 100. A numerical score out of 100 will be determined for each student by totalling the points he or she has earned on the tests, quizzes, and labs. The numerical score determined in this way will be converted to a letter grade according to the following scale: **[The cut-offs are tentative and subject to change in either direction by (i) the professor (ii) the Departmental Review Committee or (iii) the Senate.]**

The translation from marks to letter grades in this course is as follows.

A 85 and over	B+ 75 - 79	C+ 65 - 69	D 50 - 59
A- 80 - 84	B 70 - 74	C 60 - 64	F 0 - 49
A+ at instructor's discretion			

Example of Grade Determination:

The following table illustrates the grade calculations.

<u>Component</u>	<u>Weight</u>	<u>Mark</u>	<u>Mark X Weight/100</u>
Term Test #1	35%	71%	24.85
Final Exam	45%	74%	33.30
Lab	20%	83%	16.60
Total	100%		74.75 = 75 Mark

The student in this example would receive a letter grade of B+.

The Voluntary Withdrawal (W) date for this course is **Monday, July 16, 2018**. Please read the appropriate items in Section VII of the General Calendar dealing with Senate regulations on withdrawal dates, appeals, plagiarism, cheating, and academic misconduct

<http://uwinnipeg.ca/academics/calendar/docs/regulationsandpolicies.pdf> .

Services for Students with Disabilities:

Students with documented disabilities, temporary or chronic medical conditions requiring academic accommodations for tests/exams (e.g., private space) or during lectures/laboratories (e.g., access to volunteer note-takers) are encouraged to contact Accessibility Services (AS) at 786-9771 or email accessibilityservices@uwinnipeg.ca to discuss appropriate options. All information about a student's disability or medical condition remains confidential <http://www.uwinnipeg.ca/accessibility>.

The University of Winnipeg promotes a scent-free environment. Please be respectful of the needs of your fellow classmates and your instructor by avoiding the use of scented products while attending lectures. Exposure to perfumes and other scented products (such as lotion) can trigger serious health reactions in persons with asthma, allergies, migraines or chemical sensitivities. All students, faculty and staff have the right to participate, learn and work in an environment that is free of harassment and discrimination. The UW Respectful Working and Learning Environment Policy may be found online at www.uwinnipeg.ca/respect .

Students may choose not to attend classes or write examinations on holy days of their religion, but they must notify their instructors at least two weeks in advance. Instructors will then provide opportunity for students to make-up work and/or examinations without penalty. A list of religious holidays can be found at: <http://uwinnipeg.ca/academics/calendar/docs/important-notes.pdf> .

Tentative Course Timetable

Week of	Topic	Readings
Jun 15	Introduction and Scientific Method	1 – 2
Jun 18	Measurement and Statistics	3, 15 (X pp. 460-486)
Jun 18	Participant Selection, Research Strategies, and Validity	5 – 6
Jun 25	Research Strategies and Validity	6
Jun 25	Experimental Strategies and Statistics	7, 15 (R pp. 460-486)
Mon Jul 02	No class today for Canada Day (Rescheduled on July 26th)	
Jul 04	Between-Subjects Designs	8, Appendix B (R pp. 532-533) and (R pp. 536-544)
Fri Jul 06	Term Test #1 (35%)	1 – 3, 5 – 6, and 7 – 8, 15 Appendix B (pp. 532-533) and (pp. 536-544)
Jul 04	Within-Subjects Designs	9
Jul 09	Nonexperimental and Quasi-Experimental Strategies	10
Jul 09	Factorial Designs	11, Appendix B (R pp. 545-549)
Jul 16	Correlational Research Strategy	12, Appendix B (R pp. 533-536,550)
Jul 16	Descriptive and Single-Subject Research	13, 14
Jul 23	Ethics and APA-Style Reports	4, 16
Thu Jul 26	Lectures End.	
Mon Jul 30	Final Exam (45%), Room: 3M71, Time: 9:00AM-12:00PM.	

Notes: **R** – Read; **X** – Exclude.

The course timetable is only a guide to topics, as some topics may be added or deleted as time dictates. Moreover, the date on which each topic is covered is tentative and may change.