Winter 2018 — Tu @ 18:00 INTRODUCTION TO RESEARCH METHODS PSYC 2102/3—050

COURSE OUTLINE

Instructor: Dr. D. Di Curzio Office: 4L17N Lockhart Hall (only by appointment)
Telephone: 204 789-3577 (off-campus) Email: d.dicurzio@uwinnipeg.ca
Office Hour: Tues 5-6pm or by appointment Lecture: 3M60

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 Introductory Statistics equivalent
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, and assigned readings material, even if not covered in class. Students will be required to write two tests and the final exam. The format for these tests may include, but are not limited to, multiple-choice, short answer, and problem type questions. Bring your student card to all tests for identification purposes; no further materials are required.

Term Test #1—**Tuesday, February 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: 20%

Term Test #2—**Tuesday, March 6, 2018**—will be given in class and will be based on assigned readings and materials discussed in class and labs since the first term test.
Value: 25%

Final Exam—**Tuesday, April 10, 2018**—will cover the entire course with emphasis on topics covered in class and labs since the second term test.
Value: 35%

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.

Component	Weight	Mark	Mark X Weight/100
Term Test #1	20%	71%	14.2
Term Test #2	25%	72%	18.0
Final Exam	35%	74%	25.9
Lab	20%	83%	16.6
Total	100%		74.7 = 75 Mark

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

The Voluntary Withdrawal (W) date for this course is **Wednesday, March 14, 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.

Student Policies & Services for Students with Disabilities:

We ask that you please be respectful of the needs of classmates and instructors/professors by avoiding the use of unnecessary scented products while attending lectures. Exposure to scented products can trigger serious health reactions in persons with asthma, allergies, migraines or chemical sensitivities. Please consider using unscented necessary products and avoiding unnecessary products that are scented (e.g. perfume). 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.
Students facing a charge of academic or non-academic misconduct may choose to contact the University of Winnipeg Students' Association (UWSA) where a student advocate will be available to answer any questions about the process, help with building a case, and ensuring students have access to support. For more information or to schedule an appointment, visit our website at www.theuwsa.ca/academic-advocacy or call 204-786-9780.

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., note-takers) are encouraged to contact Accessibility Services (AS) at 786-9771 or accessibilityservices@uwinnipeg.ca to discuss appropriate options. All information about a student's disability or medical condition remains confidential. http://www.uwinnipeg.ca/accessibility

Tentative Course Timetable

	Week of	Topic	Readings
	Jan 08	Introduction and Scientific Method	1 – 2
	Jan 15	Measurement and Statistics	3, 15 (**X** pp. 460-486)
	Jan 22	Participant Selection, Research Strategies, and Validity	5 – 6
	Jan 29	Research Strategies and Validity	6
Tue	**Feb 06**	**Term Test #1 (20%)**	**1 – 3, 5 – 6, and 15 (X pp. 460-486)**
	Feb 05	Experimental Strategies and Statistics	7, 15 (**R** pp. 460-486)
	Feb 12	Between-Subjects Designs	8, Appendix B (**R** pp. 532-533) and (**R** pp. 536-544)
	Feb 19	***Reading Week: No Classes, Feb 19 - 23.***	
	Feb 26	Within-Subjects Designs	9
	Mar 05	Nonexperimental and Quasi-Experimental Strategies	10
Tue	**Mar 06**	**Term Test #2 (25%)**	**7 – 10, 15 (pp. 460-486), Appendix B (pp. 532-533) and (pp. 536-544)**
	Mar 12	Factorial Designs	11, Appendix B (**R** pp. 545-549)
	Mar 19	Correlational Research Strategy	12, Appendix B (**R** pp. 533-536,550)
	Mar 26	Descriptive and Single-Subject Research	13, 14
	Apr 02	Ethics and APA-Style Reports	4, 16
Wed	**Apr 04**	**Lectures End.**	
Tue	**Apr 10**	**Final Exam (35%), Room: 3M60, Time: 6:00PM-9:00PM.**	

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.