

**YORK UNIVERSITY, FACULTY OF HEALTH
DEPARTMENT OF PSYCHOLOGY**

Course: HH/SC PSYC 2030 3.0A – Research Methods
Course Webpage: moodle.yorku.ca

Term: Summer 1 2017

Time and Location *Tuesday and Thursday 19:00 - 22:00*

VH A

Course Instructor

Heather Jenkin 254 BS Office hours: Thursday 17:45- 18:45
and by appointment

Email: hjenkin@yorku.ca

Teaching Assistants:

Vanessa Foot Office hours: in class and by appointment
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Secretary

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Email etiquette: When emailing the course director OR teaching Assistants *always put PSYC2030A in Subject header, and include your full name and student number in the body of the message.*

Prerequisite: HH/SC/PSYC 1010 6.0 (Introduction to Psychology), with a minimum grade of C.

Prerequisite or Co-requisite: One of HH/PSYC 2020 6.0 or HH/PSYC 2021 3.0 or substitute.

NCR note: No credit will be retained for this course for students who have passed or are taking PSYC 3010 3.00 (Intermediate Research Methods) or AK/PSYC 3180 3.00 (prior to Summer 2002).

Course credit exclusions: ES/ENVS 2010 6.00 (prior to Summer 2003), EN/ENVS 3009 3.00 (prior to Winter 2006), AS/SC/KINE 2049 4.00, AK/PSYC 2530 3.00 (prior to Summer 2002), GL/PSYC 2520 3.00.

Required Course Text / Readings

Lewandowski, G. W., Ciarocco, N. J. and Strohmets, D. B. (2016). *Discovering the Scientist Within: Research Methods in Psychology* New York NY: Worth. With Launchpad.

Course Learning Objectives

This course is an introduction to the use of experimental and non-experimental research methods by psychologists in the study of behaviour. Topics include research design, measurement and data analysis, validity, control, factorial designs, correlational research, sampling, applied research, APA style and ethics in research. Students should be able to identify appropriate methodologies to investigate research questions, understanding validity and reliability issues along with the ethical considerations of research with animal and human participants by the end of the course. Students will acquire an understanding of how research is communicated to a variety of audiences.

Organization of the Course

The course involves lectures by the instructor on topics outlined below in the reading schedule. The required readings are central to the course.

Course logistics: Lectures will begin at 19:00. Often there will be Question & Answer opportunities with the teaching assistants during class time.

Lecture information will be on Moodle. Make sure that you sign up for a Moodle account as soon as possible. <http://moodle.yorku.ca>

Evaluation

1. There will be one multi-part Library Assignment (LA) worth 15% of your grade. Information is posted on Moodle.
 - a. There is an Academic Integrity Module that must be completed with a score of 100% and attached to the hardcopy assignment.
 - b. The completed LA will be submitted **BOTH online before 19:00 AND as a hardcopy by 19:30 in class** on May 30th. The online LA submissions **MUST** be handed in or a score of zero will be recorded. *One-day grace will be allowed with documentation of difficulties but the cost is 25% of your grade on the Library Assignment only. No grace after 24 hours.*

2. Information on the Launchpad activities will be posted on Moodle. All online assignments **MUST** be completed by 12:00 on the due date. **No late Quizzes** will be accepted. There will be Launchpad online activities worth 20% of your grade made up of:
 - **3 Mastery Quizzes** worth 12% in total. These are due Monday May 15th by 12 noon (worth 4%), Monday May 29th by 12 noon (worth 5%) and Wednesday June 7th by 12 noon (worth 3%).
 - Mastery Quizzes may be attempted multiple times before the due date. You should however use time between attempts to review the material.
 - Mastery is reaching 80% (16/20 questions).

12 Research in Action assignments worth 8% in total. I will count your **BEST 8** out of a possible 12. Multiple attempts are allowed, there is no restriction on timing of attempts.

 - **RIA 1 will not be for grade**, rather it is to be completed by May 9th at 12 noon to make sure the technological bugs are worked out promptly. Please contact LaunchPad technical staff with any problems.
 - RIA assignments 2 – 7 are opened as we discuss the topics in class and must be completed before May 17th at 12 noon.
 - RIA assignments 8 – 13 are opened as we discuss the topics in class and must be completed before June 7th at 12 noon.
 - **No late RIA assignments will be accepted.**

3. There will be two non-cumulative 120 minute Term Tests, which combined are worth 65% of your grade.
 - Term Test 1 is scheduled for May 18th in class.
 - Term Test 2 is scheduled for June 8th in class.

The Term Tests will have both multiple choice and essay questions from the lectures and readings preceding the test date. Whichever Term Test you do better on will be weighted at 35%, the other will be 30%.

- **ADDITIONAL TEST INFORMATION:** For tests you **must** bring York sessional and photo ID, along with suitable writing tools (HB pencil for scantron).

Missed Tests: the instructor **MUST** receive notification of inability to write a test **within 24 hours of the test date**. There are no "make-up" tests. Tests missed without documentation of legitimate medical or other reasons will result in a grade of 0. Students with a documented reason for missing a course test, such as illness, compassionate grounds, religious accommodations etc., confirmed by supporting documentation (e.g., Attending Physician's Statement, police report, death certificate...) may request accommodation from the Course Instructor.

An evaluation will be held in the S1 exam period to replace a documented missed term test. Please be aware that by NOT writing a Term Test as scheduled you may not have sufficient feedback before the drop date. Beyond that any further extensions or accommodation will require students to submit a formal Deferred Standing Agreement with the course instructor and/or petition to the Faculty.

IMPORTANT COURSE INFORMATION FOR STUDENTS

All students are expected to familiarize themselves with the following information, available on the Senate Committee on Curriculum & Academic Standards webpage (see Reports, Initiatives, Documents) - http://www.yorku.ca/secretariat/senate_cte_main_pages/ccas.htm

Academic Honesty and Integrity

York students are required to maintain the highest standards of academic honesty and they are subject to the Senate Policy on Academic Honesty (<http://www.yorku.ca/secretariat/policies/document.php?document=69>). The Policy affirms the responsibility of faculty members to foster acceptable standards of academic conduct and of the student to abide by such standards.

Access/Disability

York University is committed to principles of respect, inclusion and equality of all persons with disabilities across campus. The University provides services for students with disabilities (including physical, medical, learning and psychiatric disabilities) needing accommodation related to teaching and evaluation methods/materials. These services are made available to students in all Faculties and programs at York University.

Students in need of these services are asked to register with disability services as early as possible to ensure that appropriate academic accommodation can be provided with advance notice. You are encouraged to schedule a time early in the term to meet with each professor to discuss your accommodation needs. Please note that registering with disabilities services and discussing your needs with your professors is necessary to avoid any impediment to receiving the necessary academic accommodations to meet your needs.

Additional information is available at the following websites:

Counselling & Disability Services – <http://www.yorku.ca/disabilityservices>
Counseling & Disability Services at Glendon - <http://www.glendon.yorku.ca/counselling>
York Accessibility Hub - <http://www.yorku.ca/accessibilityhub/index.htm>

Religious Observance Accommodation

York University is committed to respecting the religious beliefs and practices of all members of the community, and making accommodations for observances of special significance to adherents. Should any of the dates specified in this syllabus for an in-class test or examination pose such a conflict for you, contact the Course Director within the first three weeks of class. Similarly, should an assignment to be completed in a lab, practicum placement, workshop, etc., scheduled later in the term pose such a conflict, contact the Course director immediately. Please note that to arrange an alternative date or time for an examination scheduled in the formal examination periods (December and April/May), students must complete an Examination Accommodation Form, which can be obtained from Student Client Services, Student Services Centre or online at [http://www.registrar.yorku.ca/pdf/exam_accommodation.pdf\(PDF\)](http://www.registrar.yorku.ca/pdf/exam_accommodation.pdf(PDF))

Student Conduct in Academic Situations

Students and instructors are expected to maintain a professional relationship characterized by courtesy and mutual respect. Moreover, it is the responsibility of the instructor to maintain an appropriate academic atmosphere in the classroom and other academic settings, and the responsibility of the student to cooperate in that endeavour. Further, the instructor is the best person to decide, in the first instance, whether such an atmosphere is present in the class. The policy and procedures governing disruptive and/or harassing behaviour by students in academic situations is available at - <http://www.yorku.ca/secretariat/policies/document.php?document=82>

There is also an academic integrity website with comprehensive information about academic honesty and how to find resources at York to help improve students' research and writing skills, and cope with University life. Students are expected to review the materials on the Academic Integrity website at - <http://www.yorku.ca/academicintegrity>

Date	Topics	Readings	RIA dates	Mastery Quiz
Tues. May 2	Psychology as a Science; The Research Process; Launchpad presentation	Chs. 1 & 2	RIA 1 & 2 open at 9 pm	Mastery Quiz 1 opens at 9 pm (Chs. 2 - 5)
Thurs. May 4	Ethics & Writing	Ch. 3, Appendix B & APA Supplement	RIA 3 open at 9 pm	
Fri. May 5	<i>Last date to enrol without instructor permission</i>			
Tues. May 9	Library Presentation; Psychologist's Toolbox, Statistics	Ch. 4 & Appendix A	RIA 4 open at 9 pm	
Thurs. May 11	Qualitative Research Methods; Observational Research Methods	Chs. 5 & 6	RIA 5 & 6 open at 9 pm	
Fri. May 12	<i>Last date to enrol with instructor permission</i>			
Mon. May 15			RIA 7 open at 9 pm	Mastery Quiz 1 closes at 12 noon
Tues. May 16	Observational Research Methods; Survey Design and Scale Construction	Chs. 6 & 7		Mastery Quiz 2 opens at 9 pm (Chs. 6-10)
Wed. May 17			RIA 1 – 7 all due by 12 noon	
Thurs. May 18	<i>Term Test 1</i>			
Tues. May 23	Two-Group Design; Multi-Group Design	Chs. 8 & 9	RIA 8 & 9 open at 9 pm	
Thurs. May 25	Multi-Group Design; Within-Subjects Design	Chs. 9 & 10	RIA 10 open at 9 pm	
Mon. May 29				Mastery Quiz 2 closes at 12 noon
Tues. May 30	Factorial Designs	Ch. 11	RIA 11 open at 9 pm	Mastery Quiz 3 opens at 9 pm (Chs.11 - 13) <i>Library Assignment due 7pm online and in class</i>
Thurs. June 1	Mixed Designs	Ch. 12	RIA 12 open at 9 pm	
Fri. June 2	<i>Last date to drop without receiving a grade</i>			

Date	Topics	Readings	RIA dates	Mastery Quiz
Mon. June 5			RIA 13 open at 9 pm	
Tues. June 6	Using Research in the Real World	Ch. 13		
Wed. June 7			RIA 8 -13 all due 12 noon	Mastery Quiz 3 closes at 12 noon
Thurs. June 8	Term Test 2			