

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

Course: HH/SC PSYC 2030 3.0M – Research Methods

Term: Summer 2 2016

Course Webpage: moodle.yorku.ca

Time and Location Lectures Tuesday and Thursday 19:00 - 22:00 CLH A

Course Instructor

Heather Jenkin 254 BS Office hours: Thursday 18:00- 18:45 and by appointment Email: hjenkin@yorku.ca

Teaching Assistants:

Taylor Brin Office hours: in class and by appointment Email: tbrin@yorku.ca
Audrey Wong Kee You Office hours: in class and by appointment Email: audwky@yorku.ca

Secretary

Barbara Thurston 283 BS Tel: (416) 7362100 x66253 Email: bthurst@yorku.ca

Email etiquette: When emailing the course director OR teaching Assistants *always put PSYC2030M in Subject header, and include your full name and student number in the body of the message.*

Prerequisite: Prerequisite: AK/AS/HH/SC/PSYC 1010 6.0, with a minimum grade of C.

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

Course Credit Exclusion and Substitutions: GL/PSYC 2520 3.0, AS/SC/KINE 2049 4.0, ES/ENVS 2010 3.0 (prior to Summer 2003) and ES/ENVS 3009 3.0. Not open to students who have passed or are taking AK/AS/HH/SC/PSYC 3010 3.0 or AK/PSYC 3180 3.0 or substitute.

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 16% of your grade. Information is posted on Moodle. The first part is a research topic crowd source assignment that is due July 3rd at 22:00. There is an Academic Integrity Module that must be completed with a score of 100% and attached to the hardcopy assignment. The completed LA will be submitted **BOTH online before 18:30 AND as a hardcopy before 19:30 in class** on July 26th. 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. There will be online activities worth 24% of your grade made up of
 - 3 Mastery Quizzes** worth 12% in total.
These are due July 7th, 21th and August 3rd
 - 12 Research in Action assignments** worth 12% in total.
These are due June 30th, July 4th, 7th, 11th, 14th, 21th, 25th, 28th and August 2nd
(Note two RIA assignments are due by dates July 4th, July 11th and 25th)
 - Information on the Quizzes will be posted on Moodle. All online assignments **MUST** be completed by 18:00 on the due date. **No late Quizzes** will be accepted. Mastery Quizzes may be attempted more than once before the due date, however there **MUST** be at least 3 hours between each attempt. Use that time delay to review the material. Mastery is reaching 80% (16/20 questions).
 - Research in Action assignments run through Launchpad and will be accessed by a link in moodle, Research in Action assignments must be completed by the due date, multiple attempts are allowed, there is no restriction on timing of attempts. **No late RIA assignments** will be accepted.
3. There will be two non-cumulative 120 minute Term Tests, which combined are worth 60% of your grade.
 - Term Test 1 is scheduled for July 14th,
 - Term Test 2 is scheduled for August 4th
 - The Term Tests will have both multiple choice and essay questions from the lectures and readings preceding the test date. Whichever evaluation you do better on (Term Test 1 or 2) will be weighted 35%, the one you do poorer on will be weighted 25%.
 - **Missed Tests:** the instructor **MUST** receive notification of inability to write a test **within 24 hours of the test date**. No "make-up" tests will be provided automatically. 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. One midterm make up date will be scheduled (still TBD). Please be aware that by NOT writing a Term Test 1 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.

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

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
June 28	Psychology as a Science; The Research Process, Ethics	Chs. 1, 2 & 3
June 30	Library Presentation; Psychologist's Toolbox, Statistics & Writing <i>RIA 1 due (worth 0%)</i>	Ch. 4, Apps. A & B
July 3	<i>Crowd sourcing for research topic suggestions due (worth 1%)</i>	
July 4	<i>Last date to enrol without instructor permission RIA 2 and 3 due (worth 1% each)</i>	
July 5	Qualitative Research Methods	Ch. 5
July 7	Observational Research Methods <i>Mastery Quiz 1 due (worth 4%) RIA 4 due (worth 1%)</i>	Ch. 6
July 8	<i>Last date to enrol with instructor permission (be sure to speak to Dr. Jenkin before July 5)</i>	
July 11	<i>RIA 5 and 6 due (worth 1% each)</i>	
July 12	Survey Design and Scale Construction	Ch. 7
July 14	<i>Term Test 1 (worth either 35% or 25%) RIA 7 due (worth 1%)</i>	
July 19	Two-Group Design; Multi-Group Design	Chs. 8, 9 (to 290)
July 21	Multi-Group Design; Within-Subject Design <i>Mastery Quiz 2 due (worth 4%) RIA 8 due (worth 1%)</i>	Chs. 9 (from 290), 10
July 22	<i>Last date to drop without receiving a grade</i>	
July 25	<i>RIA 9 and 10 due (worth 1% each)</i>	
July 26	Factorial Designs <i>Library Assignment due (worth 15%)</i>	Ch. 11
July 28	Mixed Designs <i>RIA 11 due (worth 1%)</i>	Ch. 12
August 2	Using Research in the Real World <i>RIA 12 due (worth 1%)</i>	Ch. 13
August 3	<i>Mastery Quiz 3 due (worth 4%)</i>	
August 4	<i>Term Test 2 (worth either 35% or 25%) RIA 13 due (worth 1%)</i>	