

**Faculty of Health
Department of Psychology
PSYC 4170 Sections A, B
ADVANCED RESEARCH IN PSYCHOLOGY
F/W 2018-2019 VERSION 1**

Instructor and T.A. Information

Instructor: Ed Haltrecht
Office: BSB101
Office Phone: c/o Terri Cawley 416 736-2100 ext 66178
Office Hours: TBA
Email: haltrech@yorku.ca

TA's - Time and Location

4170A, Wednesday @ 8:30-11:30 R S205

Mylann Guevara mylann@yorku.ca
Jesse Whiteman jesse88@yorku.ca

4170B, Wednesday @ 11:30-2:30 FC203

Sarah D'Amour saod16@yorku.ca
Lily Solomon-Harris lilysh@yorku.ca

Course Prerequisite(s): Course prerequisites are strictly enforced.

- HH/PSYC 1010 6.00 (Introduction to Psychology), with a minimum grade of C.
- HH/PSYC 2020 6.00 (Statistical Methods I and II) or substitutes
- HH/PSYC 2030 3.00 (Introduction to Research Methods) or substitutes
- Students must be in an Honours program in Psychology and have completed at least 84 credits (excluding (EDUC) education courses)

Course website: [Moodle](#)

Course Description

As an alternative to independent thesis research (AK/AS/HH/SC/PSYC 4000 6.00), this course offers structure, support and guidance for student research by means of regular seminar meetings. Some research topics may not be eligible for science (SC) credit.

Learning Outcomes

Upon completion of this course, students should be able to:

1. Use data analytic software for analysis of psychological data.
2. Design, execute, analyse and interpret results from a study examining a specific research question.
3. Express in written form psychological findings using APA style.
4. Express in written form, a research study in psychology.
5. Recognize limits of conclusions based on inferential statistics.
6. Apply ethical principles of the CPA code of ethics to their own research.

Specific Learning Objectives

This course is designed to give students the background to individually plan, execute, analyze and report a study of equivalent standard to an Honours B.A. thesis. The course will consist of three elements:

- A. A basic refresher on research methods and analysis
- B. Presentation and discussion of individual research proposals
- C. Final design of projects, execution, analysis, and written report on the proposed research

Required Text No texts are assigned to this course. Moodle will contain several documents.

Course Requirements and Assessment

Students must work in teams of 2–5 students from their own section (A, B, C, D) for collaborative purposes and data collection. If you are uncomfortable working in teams, enroll in other sections of 4170 or take 4000 or 4001. No marks will be registered for students who work alone. Each student will perform a literature search, develop their own hypotheses, present a research proposal, conduct the research, analyze the data, draw conclusions, present the findings in class, and hand in an individually written research report. Students will also review proposals and results of other students.

Assessment	Date of Evaluation	Weighting
A. Research Proposal- presented in class (max.10 minutes) using overheads	Nov 14	20%
B. SPSS statistical analysis of “dummy” data and interpretation	Feb 1 (e-mail) 11:59 pm	10%
C. Poster presentations –one per team	March 20	20%
D. Papers Final individual written research report	April 12 (e-mail) 11:59 pm	50%
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Total		100%

Additional Information:

1. Obtain a FAS computer account: see: <http://mms.yorku.ca>. This gives students access to the PsychLab and the SPSS programs required for their analysis.
2. Weekly classes will be held until Nov 14th. From Sept 5 - Oct 10 classes will focus on students discussing research areas of interest. From Oct 17th until Nov 7th about 2 hours

per class will be dedicated to a review of Research Methods and Analysis taught in prerequisite courses.

3. The first Jan class will be held on Jan 9 during which time we will learn SPSS, and practice SPSS in the lab-. Classes in Jan/Feb will be held weekly in a Computer lab (TBA) until Jan 30st.
4. After that, formal classes will only be held on March 6 (final paper requirements); and March 20 (poster presentations).
5. Students should familiarize themselves with the very excellent Psychology Resource Centre Room 160 BSB. Check web address <http://psycentre.apps01.yorku.ca/drpl/> for hours of operation and the excellent resources available such as tests, statistical support.
6. The use of the URPP pool is not encouraged and will only be assessable under unusual circumstances.
7. Library Workshops covering PsycINFO, Web of Science (citation analysis), Mental Measurement Yearbook are available and strongly recommended.
8. Ethics Review: There are 3 forms required for ethics review. Ed completes Form 1, Students complete Form 2 and hand it in on the day of the proposals, Ed brings Form 3 to poster class for student signatures.
9. All students are required to complete the Tri-Council Policy Statement (TCPS2) tutorial, available online. The certificate must be brought to the end of November proposal class. For more information: <http://www.yorku.ca/health/psyc/ethicsv2.html#two>.

Grading as per Senate Policy

The grading scheme for the course conforms to the 9-point grading system used in undergraduate programs at York (e.g., A+ = 9, A = 8, B+ = 7, C+ = 5, etc.). Assignments and tests* will bear either a letter grade designation or a corresponding number grade (e.g. A+ = 90 to 100, A = 80 to 90, B+ = 75 to 79, etc.)

(For a full description of York grading system see the York University Undergraduate Calendar - <http://calendars.students.yorku.ca/2016-2017/academic-and-financial-information/academic-services/grades-and-grading-schemes>)

Late Work/Missed Tests or Exams

Students with a documented reason for missing a course test, such as illness, compassionate grounds, etc., which is confirmed by supporting documentation (Attending Physician Statement which can be found at: <http://registrar.yorku.ca/pdf/attending-physicians-statement.pdf>) may request accommodation from the Course Instructor. Further extensions or accommodation will require students to submit a formal petition to the Faculty.

1. Proposals– team presentation in class - 20% If the proposal date is missed, students lose 5%, and will submit their proposal in writing.
2. SPSS statistical analysis of “dummy” data and interpretation - 10%.

Based upon their hypothesis, students will create a dummy data set that mimics the data collection that they propose. Students use SPSS to analyse this dummy data set and submit the analysis and

interpretation of the analysis. Although students are encouraged to work on the SPSS assignment as a team helping each other out, each student must complete their own SPSS assignment. This assignment is to be e-mailed to the TA in a Word Document – The Deadline is Friday, Feb 3- midnight. For every day/partial day including weekends that students miss the Feb 3 deadline, students lose 1 mark to the maximum of the 10 marks. If students follow-up and correct their assignment by Mar 1 based on TA feedback, they can get 5 marks automatically even if they missed the deadline and lost 'all their marks'. This gives students 30% of their final grade by mid-Feb (Proposals and SPSS), and encouragement to get the SPSS analysis right by the end of Feb. Since students have all of January to complete this assignment, the only acceptable medical/family situation will be a prolonged illness/situation. If the situation occurs on the last day of submission, they will have to forward all work done to that date.

SPSS Summary scoring guidelines

Grade	Circumstance
10	On time, no errors
6 - 9	[On time with errors] or [1 to 4 days late with no errors]
5	5 or more days late, no errors
1 - 4	[On time with errors] or [5 to 20 days late with errors]
0	21 or more days late

3. Posters presented in class. 20% If the poster date is missed, students lose 5%, and will submit their poster at another date but prior to April 13. Submissions after April 13th will not be graded.

4. Final written paper submitted via e-mail.

Section and TA should be clearly marked on paper. According to University deadlines, papers are due on April 4th, but we have extended this to 11:59 pm April 13th. Any papers handed in past that deadline are considered late papers. For acceptable medical reasons with a medical note – obtain an official Deferred Status - no penalty as long as student sends their TA electronic copies of work done to date by the deadline. There will be a 5% per day late penalty (this is 2.5 marks per day based on 5% of the value of the paper - 50%) There will also be a 5% penalty per day for the weekend or holiday - if students submit their completed paper electronically, with a hard copy to the course secretary by noon the following Monday. By way of example, if a student contacts us on the Saturday following the due date with a finished paper electronically delivered to their TA, they lose a single day or 2.5 marks. If students only submit their completed papers on Monday, they lose 5 marks for Saturday, Sunday..

Add/Drop Deadlines

For a list of all important dates please refer to: [Fall/Winter 2017-18 - Important Dates](#)

	YEAR (Y)
Last date to add a course without permission of instructor (also see Financial Deadlines)	Sept. 18
Last date to add a course with permission of instructor (also see Financial Deadlines)	Oct. 23

	YEAR (Y)
Drop deadline: Last date to drop a course without receiving a grade (also see Financial Deadlines)	Feb. 8
Course Withdrawal Period (withdraw from a course and receive a grade of "W" on transcript – see note below)	Feb. 9 - Apr. 3

***Note:** *You may withdraw from a course using the registration and enrolment system after the drop deadline until the last day of class for the term associated with the course. When you withdraw from a course, the course remains on your transcript without a grade and is notated as "W". The withdrawal will not affect your grade point average or count towards the credits required for your degree.*

Information on Plagiarism Detection

We do not use turnitin.

Electronic Device Policy

Electronic devices are allowed in class.

Attendance Policy

No attendance is taken.

Academic Integrity for Students

York university takes academic integrity very seriously, please visit [an overview of Academic Integrity at York University](#) from the Office of the Vice-President Academic.

The following links will assist you in gaining a better understanding of academic integrity and point you to resources at York that can help you improve your writing and research skills:

- [Information about the Senate Policy on Academic Honesty](#)
- [Online Tutorial on Academic Integrity](#)
- [Information for Students on Text-Matching Software: Turnitin.com](#)
- [Beware! Says who? A pamphlet on how to avoid plagiarism](#)
- [Resources for students to help improve their writing and research skill](#)

Academic Accommodation for Students with Disabilities:

While all individuals are expected to satisfy the requirements of their program of study and to aspire to do so at a level of excellence, the university recognizes that persons with disabilities may require reasonable accommodation to enable them to do so. The [York University Accessibility Hub](#) is your online stop for accessibility on campus. The [Accessibility Hub](#) provides tools, assistance and resources. Policy Statement

Policy: York University shall make reasonable and appropriate accommodations and adaptations in order to promote the ability of students with disabilities to fulfill the academic requirements of their programs.

The nature and extent of accommodations shall be consistent with and supportive of the integrity of the curriculum and of the academic standards of programs or courses.

Provided that students have given sufficient notice about their accommodation needs, instructors shall take reasonable steps to accommodate these needs in a manner consistent with the guidelines established hereunder.

For Further Information please refer to: [York university academic accommodation for students with disabilities policy](#)

Course Schedule:

	Date	Event	Room	Comment
1	Sept 5 - Oct 10	Areas of interest- form teams	Regular	
2	Oct 17 – Nov 7	Research methods classes	Regular	
3	Nov 14	Proposals, Form 2, TCPS2 Certificate	Regular	Late penalties apply
4	Jan 9	SPSS – Lecture and work	TBA	No food/drink
5	Jan 16	SPSS	TBA	No food/drink
6	Jan 23	SPSS	TBA	No food/drink
7	Jan 30	SPSS	TBA	No food/drink
8	Before Data Collection	Ethics Form 2 shown or sent to TA Ethics certificate shown or sent to TA		
9	Jan 30	Ed to present sample posters	TBA	
10	Feb 1 11:59 pm	SPSS Word Document e-mail to TA		Late penalties apply
11	Feb 27 11:59 pm	Final deadline for SPSS corrections if Feb12 missed		Late penalties apply
12	March 6	Final paper requirements	Regular	
13	March 20	Poster presentations, sign Form 3	Regular	Late penalties apply
14	April 12 11:59 pm	e-mail paper – electronic.	Electronic	Late penalties apply

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11. Weekly classes will be held until Nov 14th. From Sept 5 - Oct 10 classes will focus on students discussing research areas of interest. From Oct 17th until Nov 7 th about 2 hours per class will be dedicated to a review of Research Methods and Analysis taught in prerequisite courses.
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16. Library Workshops covering PsycINFO, Web of Science (citation analysis), Mental Measurement Yearbook are available and strongly recommended.
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