

PSYC 301: Advanced Statistical Inference
Kingston Hall, Room 201
Mondays 11:30 am – 1:00 pm and Thursdays 1:00 pm – 2:30 pm
Fall 2019

Course Instructor: Jill A. Jacobson, Ph.D.

: jill.jacobson@queensu.ca

: Craine 318

: By appointment – Click on “Sample Service” at the link below to schedule a meeting

<http://my.setmore.com/bookingpage/cdc11dc5-c12f-48a0-806e-751124e7b7b7>

Head Teaching Assistant: Erika Peter

: erika.peter@queensu.ca

: By appointment

Office Hours/Appointments

You should take advantage of the opportunity to meet with the instructor and the Head TA. You also should feel free to ask questions during class/lab and/or immediately before or after it. If you are having trouble understanding the course material, please see the instructor and/or TA well in advance of the exams. We want you to do well and learn the material in this course, but we can do little to help you if you do not take the initiative. Waiting until the last minute will not be a wise strategy.

Teaching Assistants

The TAs lead the tutorials and grade the in-lab quizzes and lab assignments. They grade only the short answer questions administered via TopHat on the midterm exams. The TAs will be available for the full three hours of their scheduled lab time. Thus, they are not required to hold any additional office hours, and you are strongly encouraged to take advantage of their availability during the lab times. Also, your TA is unlikely to monitor the onQ discussion board. The Head TA and instructor will be able to answer questions about lecture and lab material. The TAs want to help you, but bear in mind that the volume of emails generated even by one lab section in this course can be enormous. So please use email conscientiously and sparingly. Unnecessary inquiries limit your TA’s ability to respond to important emails. If you do have questions or need to meet with your TA, please contact your TA well in advance. If you wait until the last minute, you have no guarantee that your TA will have the opportunity to read your email and/or be able meet with you in time.

Section	Day	Time	TA	Email Address
006	Tuesday	8:30 am -		

authenticity of submitted work and fac

Arts & Science Letter Grade Input Scheme and Official Grade Conversion Scale

Grade	Numerical Value for Calculation of Final Grade	Numerical Course Average (Range)
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Quizzes. Weekly quizzes of prior lecture material will be administered using the Top Hat app. Your final quiz grade, which is 15% of your final grade, will be based on the best 80% of the quiz questions. You must complete 80% of the

Academic Consideration for Students in Extenuating Circumstances

Queen's University is committed to providing academic consideration to students experiencing extenuating circumstances that are beyond their control and are interfering with their ability to complete academic requirements related to a course for a short period of time. The Senate Policy on Academic Consideration for Students in Extenuating Circumstances is available at

<http://www.queensu.ca/secretariat/sites/webpublish.queensu.ca.us/cwww/files/files/policies/senateandtrustees/Academic%20Considerations%20for%20Extenuating%20Circumstances%20Policy%20Final.pdf> Each Faculty has developed a protocol to provide a consistent and equitable approach in dealing with re-quests for academic consideration for students facing extenuating circumstances. Arts and Science under-graduate students can find the Faculty of Arts and Science protocol and the portal where a request can be submitted at: <http://www.queensu.ca/artsci/accommodations>. Students in other Faculties and Schools who are enrolled in this course should refer to the protocol for their home Faculty.

This course uses universal design features that preclude your need to use the Faculty's Request for Academic Consideration without documentation portal.

	September 24-25	Lab: NHST and t values Lecture Quiz 2 Assignment 3 Due
4	September 26	Equivalence and Multiple Testing
	September 30	
	October 1-2	Lab: Equivalence and Multiple Testing Lecture Quiz 3 Assignment 4 Due
5	October 3	New Statistics: Effect Sizes
	October 7	New Statistics: Confidence Intervals and Meta-Analysis
	October 8-9	Lab: New Statistics Lecture Quiz 4 Assignment 5 Due
6	October 10	Guest lecture on diversity in research

	November 12-13	Lab: DAGs and Third Variables Lecture Quiz 8 Assignment 9 Due
	November 14	Replication
11	November 18	Replication (continued)
	November 19-20	Lab: Assessing Replication Lecture Quiz 9 Assignment 10 Due
	November 21	Questionable Research Practices (QRPs)
12	November 25	Best Practices Lecture Quiz 10
	November 26-27	Lab: Cancelled
	November 28	
EXAM	December 6	Final Exam upload on onQ by 11:59 pm