## Course Director:
Megan Ames  
mames@yorku.ca  
BSB 067 (by appt. only)

## Teaching Assistants:
Ashley Morgan  
amorgan@yorku.ca  
BSB 067 (by appt. only)

## Secretary:
Agnes Levstik  
(416) 736-5125  
BSB 261

Simon Goa  
gzhipeng@yorku.ca  
BSB 150C (by appt. only)

### Text:
Aplia: http://www.aplia.com/ -electronic version of text (2-semester subscription)
Course Key: 5DSU-P3GG-KPRZ

### September
<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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</table>
| 5 | Introduction to the course & Aplia  
Chapter 1: Descriptive Statistics |
| 12 | Chapter 2: Frequency Distributions |
| 19 | Chapters 3 & 4: Central Tendency & Variability |
| 26 | Chapters 5 & 6: Standardized Distribution & Probability |

### October
<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Chapters 7 &amp; 8: Probability cont’d &amp; Hypothesis Testing</td>
</tr>
<tr>
<td>10</td>
<td>Chapter 8: Hypothesis Testing cont’d, Review Class</td>
</tr>
<tr>
<td>17</td>
<td>MIDTERM (35%)</td>
</tr>
<tr>
<td>24</td>
<td>Chapter 9: One-Sample T-test</td>
</tr>
<tr>
<td>31</td>
<td>Co-Curricular Day: NO CLASS</td>
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</tbody>
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### November
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<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>7</td>
<td>Chapter 10: T-test for Two Independent Samples</td>
</tr>
<tr>
<td>14</td>
<td>Chapter 11: T-test for Dependent Samples, Power, &amp; Estimation</td>
</tr>
<tr>
<td>21</td>
<td>Chapter 15 &amp; 16: Correlation &amp; Regression</td>
</tr>
<tr>
<td>28</td>
<td>Chapter 17: Chi-square Statistic, Review Class</td>
</tr>
</tbody>
</table>

### December
<table>
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<tr>
<th>Date</th>
<th>Topic</th>
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| 5-21 | FINAL EXAM (45%)- see www.yorku.ca for schedule  
(Date of final exam will be determined by the Registrar’s office) |

### Evaluation:
- Midterm: 35%
- Final exam: 45%
- Aplia online quizzes: 20%

**Midterm and Final Exam:** Be sure to bring a calculator (graphing calculators and phones are not acceptable and will be confiscated for the duration of the exam), writing tools, and two pieces of ID. Necessary formulas and tables will be provided.

**Aplia Quizzes:** There will be a quiz assigned after each lecture for each chapter (please see above outline). Quizzes will be available until the following Tuesday at 11:45pm. Students will be given three attempts to each question and the average (“do no harm”) of those attempts will be used to calculate their grade for the quiz. Please be sure to give yourself enough time to complete each quiz.
Course Objectives:
After completing the course, students will be familiar with the fundamental concepts and applications of descriptive statistics. Students will be familiar with and understand the following topics:

- descriptive statistics, frequency distributions, and statistical notation
- the standard normal distribution, probability, and z-scores
- hypothesis testing, t-tests (for both single sample and two samples), power, and estimation
- Bivariate correlation, simple linear regression, and basic chi-squared tests

Prerequisite or corequisite: AK/AS/HH/SC/PSYC 1010 6.00 or AK/HH/PSYC 2410 6.00, GL/PSYC 2510 6.00, with a minimum grade of C when used as a prerequisite. Course credit exclusions: AK/AS/HH/SC/PSYC 2020 6.00, AK/PSYC 2510 3.00 (prior to Fall 2012), SC/BIOL 2060 3.00, SC/Biol 3090 3.00 (prior to Fall 2012), AS/ECON 2500 3.00, AS/ECON 3470 3.00, AS/HH/SC/KINE 2050 3.00, AK/AS/SC/MATH 2500 3.00, AK/AS/SC/MATH 2560 3.00, AS/POLS 3300 6.00, AS/SOCI 3030 6.00, GL/PSYC 2530 3.00.

Last date to enroll without permission of course instructor – September 19
Last date to enroll with permission of course instructor – October 2
Last date to drop courses without receiving a grade – November 9

POLICY ON MISSED EXAMS
1. Students are expected to write each test on the dates specified. If you miss a test for no documented reason(s), you will receive a grade of zero.
2. If you have a legitimate reason (e.g., death in the family, severe illness, etc.) for being excused from a test/exam, and have documentation to verify your absence (please see #7 below), you may take a make-up test/exam in lieu of the missed test/exam. Please note that we are extremely strict about the conditions that will allow you to write a make-up examination.
3. Within 48 hours of the missed exam, students must contact the course instructor (cc your designated TA) via email. In this email, please (a) outline the reason for your absence, and (b) confirm that you have medical or other relevant documentation to support this reason. Again, be sure to note your course section and your full name and student number in the subject header of your email.
4. Please note that there will be one set date for the make-up test/exam. If both exams are missed, students will have to retake the course unless they successfully petition.
5. Please also note that if you miss a test, regardless of your reason, you have waived the right to have a specific percentage of graded feedback available to you prior to the drop date.
6. Note also that deferred final exams are held on a single common date determined by the Department of Psychology. No individualized testing is available unless arranged formally through one of the offices at the University (e.g., Counselling and Disability Services- CDS).
7. If you produce a valid medical document, signed by a physician, stating that you were medically unable to take the exam/test for a specific time period, you will be able to take a makeup exam/test. If you miss an exam/test for non-medical reasons, you still must produce supporting documentation (e.g., death certificate, obituary notice, automobile accident report, airline ticket for emergency travel, etc.). Missing an exam/test for a vacation, etc., is not an acceptable reason.
8. Once you have contacted the course instructor and your TA, you will need to have completed the attending physician’s statement found at http://www.registrar.yorku.ca/exams/deferred/. This should be brought to your TA’s mailbox or faxed to the psychology department (with attention Megan Ames) at 416-736-5814. You will need to receive confirmation of the make-up examination date from your TA; you should be back in touch within a few days with your TA if you have not heard back. It is your responsibility to find out the information about when the make up test/exam is and ensure that you are set to write the make-up test/exam.
Important Information for Students
All students are expected to familiarize themselves with the following information, available on the Senate Committee on Academic Standards, Curriculum & Pedagogy webpage:

- Senate Policy on Academic Honesty and the Academic Integrity Website
- Course requirement accommodation for students with disabilities, including physical, medical, systemic, learning and psychiatric disabilities
- Student Conduct Standards
- Religious Observance Accommodation

Code of Student Rights and Responsibilities

York University Secretariat Home:
http://www.yorku.ca/secretariat/index.html

Important Dates from the Registrar:
http://www.registrar.yorku.ca/enrol/dates/

Policy on Accommodation for students with Disabilities:

Please read the information on plagiarism and academic honesty:
http://www.yorku.ca/academicintegrity/students/index.htm

Grading: 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.registrar.yorku.ca/2010-2011/academic/index.htm)