SYLLABUS
PSYCHOLOGY 3F03: Evolution and Human Behaviour
Department of Psychology, Neuroscience, and Behaviour
McMaster University
Summer Term I, 2014

Course time and location:
Tuesdays & Thursdays, 1:30-4:20pm, BSB 108
May 5-June 20, 2014

Instructor:
Dr. Jillian O’Connor
Email: oconnojj@mcmaster.ca
Phone: x21401
Office: PC 321
Office hours: By appointment

Please note: This syllabus, including scheduling, topic order, topics themselves, and assessment strategy, is subject to change. You will be informed of any changes in class and on our Avenue to Learn website: http://avenue.mcmaster.ca/

Course Description
This course concerns the relevance of contemporary evolutionary theories and knowledge for understanding human psychology and behaviour, especially social behaviour. The subject matter is interdisciplinary: required readings and lectures will include recent research by anthropologists, biologists, economists, health scientists, and psychologists. While developing an appreciation of the ways in which evolutionary thinking can inform the study of human psychology and behaviour, you will also gain experience in understanding and evaluating primary research reports. You will thereby acquire a more critical grasp of the relationships among research methods, data, and interpretations, and this capability will assist you in evaluating research-based claims that you encounter elsewhere.

Readings
There is no textbook for this course. The required readings are articles and excerpts from both primary research literature and more elementary sources. Students are responsible for all of these readings, which, unless otherwise noted, can be accessed through the McMaster library online. It is recommended that you use Web of Knowledge, which can be accessed through the University’s Library Website (http://library.mcmaster.ca/). You will be tested on readings even if their content is not discussed in class. You are expected to know the key concepts of the papers, including motivation, methods, results, and interpretation. You will not be required to memorize trivial details.

Assessment
Grades will be assigned on the basis of (1) a 2 hour in-class final exam on Thursday June 19th, worth 50% of the total grade, and (2) performance on two 1 hour in-class midterm exams, to be held in class on Tuesday May 20th and Tuesday June 3rd, each of which will each count 25% of the final mark. Midterm exams will assess knowledge and comprehension of lectures and assigned readings up to the test day. The final exam will be cumulative for lecture material only, and will cover readings assigned since
midterm 2 (readings that have not yet been tested). The format of both midterm tests and the final exam will be multiple choice.

**Missed Tests**
There will be no make-up tests under any circumstances. If you file acceptable documentation with your Dean of Studies, your grade will be based on the test(s) and exam that you completed, with appropriate re-weighting. For further information about missed work, medical exemptions (including the McMaster medical certificate), exam conflicts, and deferred exams see [http://www.science.mcmaster.ca/associatedean/](http://www.science.mcmaster.ca/associatedean/). A deferred final exam will not necessarily be of the same format as the original final exam.

**Final Grade Calculation**
Grades will be computed out of 100 points using the McMaster Grading system. The instructor reserves the right to adjust final marks up or down, on an individual basis, in light of special circumstances and/or the student's total performance in the course.

**Communication Policy**
Any student wishing to contact the instructor should use e-mail. All e-mail must be sent from a McMaster e-mail account. I cannot guarantee that I will receive all voice mail messages. The instructor is not responsible for returning long distance calls from students. To ensure a proper response from your instructor, include your full name and student number in each email to your instructor.

**Policy on the Recording of Lectures**
Students must obtain permission from the instructor to record lectures in this class.

**A note on Dates and Deadlines**
The instructor and university reserve the right to modify elements of the course during the term. The university may change dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with an explanation and the opportunity to comment on changes. It is the responsibility of the student to check their McMaster email and course websites weekly during the term and to note any changes.

**Academic Integrity**
Academic dishonesty is to knowingly act or fail to act in any way which results or could result in unearned academic credit or advantage. Any student who infringes one of these resolutions will be treated according to the published policy. This behavior will result in serious consequences, e.g., a grade of zero (0) on an assignment, loss of course credit with a notation on the transcript (“grade F assigned for academic dishonesty”), and/or suspension or expulsion from the university. It is your responsibility to understand what constitutes academic dishonesty. For information on academic dishonesty, please refer to Mac’s Academic Integrity Policy, at [http://www.mcmaster.ca/academicintegrity](http://www.mcmaster.ca/academicintegrity).
SCHEDULE OF TOPICS

<table>
<thead>
<tr>
<th>Class</th>
<th>Date</th>
<th>Topic</th>
<th>Exams</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tues</td>
<td>May 6</td>
<td>Introduction to Evolutionary Psychology</td>
</tr>
<tr>
<td>2</td>
<td>Thurs</td>
<td>May 8</td>
<td>Mate Choice 1</td>
</tr>
<tr>
<td>3</td>
<td>Tues</td>
<td>May 13</td>
<td>Mate Choice 2</td>
</tr>
<tr>
<td>4</td>
<td>Thurs</td>
<td>May 15</td>
<td>Intrasexual Competition</td>
</tr>
<tr>
<td>5</td>
<td>Tues</td>
<td>May 20</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Thurs</td>
<td>May 22</td>
<td>Marriage &amp; Conflict</td>
</tr>
<tr>
<td>7</td>
<td>Tues</td>
<td>May 27</td>
<td>Inclusive Fitness &amp; Kinship</td>
</tr>
<tr>
<td>8</td>
<td>Thurs</td>
<td>May 29</td>
<td>Parent-offspring Conflict</td>
</tr>
<tr>
<td>9</td>
<td>Tues</td>
<td>June 3</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Thurs</td>
<td>June 5</td>
<td>Altruism</td>
</tr>
<tr>
<td>11</td>
<td>Tues</td>
<td>June 10</td>
<td>Cognition</td>
</tr>
<tr>
<td>12</td>
<td>Thurs</td>
<td>June 12</td>
<td>Culture</td>
</tr>
<tr>
<td>13</td>
<td>Tues</td>
<td>June 17</td>
<td>Review</td>
</tr>
<tr>
<td>14</td>
<td>Thurs</td>
<td>June 19</td>
<td></td>
</tr>
</tbody>
</table>

ASSIGNED READINGS

Topic 1. Introduction to Evolutionary Psychology


Topic 2. Mate Choice


Topic 3. Intrasexual Competition


Topic 4. Marriage & Conflict

Topic 5. Inclusive Fitness & Kinship


Topic 6. Parent-Offspring Conflict


Topic 7. Altruism


Topic 8. Cognition


Topic 9. Culture