Success in Psych2400 requires a critical understanding (as demonstrated in written laboratory reports and tests) of the major approaches to the scientific study of the human mind including psychophysical, behavioural, neuropsychological, and information processing. Students will be able to assess the quality and limitations of cognitive psychology research, state applications to teaching and learning, and summarize the results and inferences of research using verbal or visual methods. First-hand experience with at least two experiments, and ability to document in appropriate style and formal English, at least one, are requirements for this course.

Description:
This course focuses on humans as processors of information. Topics surveyed include perception, attention, memory, reasoning, language, and imagery. Experimental methods, models of cognitive processes, and analogies of mind will be discussed. Applications of cognitive theory to learning and education are provided.

Prerequisites: C- (60%) or higher in PSYC 1010Y (101) or in 1020H (102H) AND 1030H (103H). Excludes PSYC 225, PSYC 306 and PSYC 351.

Format: This course consists of a weekly 2½+ hour lecture held on Thursdays 3:10PM - 6:00PM, Room 125*, plus scheduled lab-based and web-based demonstrations and experiments.

Required Texts:


Required Reading:

http://www.trentu.ca/deanundergraduate/integrity.php
Plagiarism Prevention Tutorial— http://tinyurl.com/PSYCH2400DONOTSTEAL

Evaluation:

<table>
<thead>
<tr>
<th>Evaluation</th>
<th>Test1</th>
<th>Final Exam</th>
<th>Lab data/report 1</th>
<th>Lab data/report 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(in class) Oct. 12, Ch 1,2,5,6,7+Readings</td>
<td>comprehensive (EXAM period DEC)</td>
<td>written (see Schedule)</td>
<td>written (see Schedule)</td>
</tr>
<tr>
<td></td>
<td>30%</td>
<td>40%</td>
<td>20%</td>
<td>10%</td>
</tr>
</tbody>
</table>

Students will be notified of marks earned on Test1 by Nov. 2, 2017.

*For updated classroom locations see, Undergraduate Timetable at http://www.trentu.ca/timetable/
University Policies

Academic Integrity:
Academic dishonesty, which includes plagiarism and cheating, is an extremely serious academic offence and carries penalties varying from failure on an assignment to expulsion from the University. Definitions, penalties, and procedures for dealing with plagiarism and cheating are set out in Trent University's Academic Integrity Policy. You have a responsibility to educate yourself – unfamiliarity with the policy is not an excuse. You are strongly encouraged to visit Trent’s Academic Integrity website to learn more – www.trentu.ca/academicintegrity.

Access to Instruction:
It is Trent University's intent to create an inclusive learning environment. If a student has a disability and/or health consideration and feels that he/she may need accommodations to succeed in this course, the student should contact the Accessibility Services Office as soon as possible – in Peterborough (sas@trentu.ca, BH Suite 132, 748-1281) or in Oshawa (Student Accessibility Services Office Room 111, (905) 435-5102, ext. 5024).

Clickers (Personal Response Systems): (to be included where applicable)  [ not applicable to Psych2400 Fall 2017 OSHAWA ]
Clickers (Personal Response Systems): As clicker records are used in this course to compute a portion of course grades, the use of a clicker or iclicker REEF account other than your own is an academic offence. In lecture or tutorial, possession of a clicker other than your own or accessing a REEF account other than your own may be interpreted as intent to commit an academic offense.

Safe Assignment (to be included where applicable):  [ not applicable to Psych2400 Fall 2017 OSHAWA ]
Assignments/Essays/Papers [insert term of your choice] must be submitted electronically to the SafeAssign drop box in Blackboard. SafeAssign utilizes plagiarism-checking software. Further information about SafeAssign will be provided on the class LearningSystem/Blackboard site.

Departmental Policy on Tests, Exams, and Assignments

A. MIDTERMS & FINAL EXAMINATIONS
Midterm examinations for half courses within the Psychology Department are scheduled by the instructor of the course. Midterm examinations for full courses and final examination for all courses are scheduled by the Registrar’s Office. Students are strongly urged NOT to make any commitments (i.e., vacation, job related, or other travel plans) during either the term as a whole or the final examination period. Students are required to be available for all examinations during the periods for which they are scheduled (as published in course syllabi).

B. DEFERRAL OF MIDTERM / FINAL EXAMINATIONS and/or TERM WORK
Extensions of deadlines for completion of assignments or writing of midterms/final examinations may be granted to students on the basis of illness, accident, or other extreme and legitimate circumstances beyond their control. Consideration for deferrals will not normally be granted on the basis of vacation/travel plans or job-related obligations.

C. SUPPORTING DOCUMENTATION
Students should expect that supporting documentation will be required and must be submitted before a deferral is approved. For illness or accident, supporting documentation will take the form of: (1) the Trent University Medical Certificate from Health Services: (http://www.trentu.ca/healthservices/medical.html), or (2) a certificate or letter from the attending physician clearly indicating the start and end dates of the illness and the student's inability to write an examination, complete assignments, and/or attend classes, as relevant to the particular request. For other circumstances, students should consult the individual Psychology faculty member about acceptable forms of documentation.

Notes

1. Academic Integrity:
For the purpose of interpreting and applying the University policy on academic dishonesty, the Department of Psychology has adopted the following:

When a student submits a piece of written work in fulfillment of an assignment, he/she implicitly acknowledges the following: a) that she/he is the sole author of the work; b) that the wording and organization of the work, apart from acknowledged quotations, is her/his own; and c) that she/he has not and will not submit this work, either as a whole or in part, to satisfy another course requirement.

These basic assumptions will be reasonably interpreted. They do not preclude collaboration between students upon a single project, by prior arrangement with the instructor, for shared academic credit (either for written or oral presentation).

For an elaboration of the Department’s policy on, and for specific examples of, plagiarism, students should consult p. 178 in the APA (2010) and the sections on academic honesty (pp. 6-8), and appropriate citing and referencing (pp. 135-137, 169) in Mitchell et al. (2010) on reserve in the library. Students who have doubts about what might be considered academic dishonesty are urged to consult the instructor of the course. Ignorance of the University or Department policy does not excuse academic dishonesty. Submissions that fail to meet one or more of these considerations will be subject to procedures laid down in the policy on academic dishonesty as stated in the University calendar.

2. It is the policy of the Department NOT to accept faxed assignments.

Students will be notified of marks earned on the Test1 (out of 30% of total course mark) by Nov. 2, 2017.
3. The same assignment cannot be submitted in more than one course without the prior written permission of all instructors concerned. The written approval must be attached to the work when it is submitted.


5. Please see the Trent University academic calendar for University Diary dates, Academic Information and Regulations, and University and departmental degree requirements.

6. **Last date to withdraw without academic penalty for Fall half courses is November 7, 2017 and February 8, 2018 for full credit courses.**

7. Policy for Late Submission/Presentation: Assignments are to be submitted in class by 3:10 pm Oshawa local time on the due date or bear a timestamp before 3:10 pm on the due date if submitted to the office. For late penalties, see the information in note (2) on page 4.

8. Lecture Attendance: This is a natural science course with many words and concepts that will be new to you. Explanations and terminology not present in the textbook will be added to lessons to provide you with a more complete vocabulary for this course and related courses. Therefore, attending every class is essential for experiencing all content. A large portion of the tests and assignments is concerned with our interpretation and appraisal of the material (as discussed in class) in addition to the material itself. Lecture attendance is not recorded; You are free to undermine your success.

9. Evaluation: See note (1) below Schedule for details concerning the written assignments. You are responsible for all material specified in Required Texts and Required Reading on page 1 and information discussed in class. Sample test and exam will be provided.

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**Best Practices in this course as recommended by previous students:**

1) Read and understand the chapter/readingsto the best of your ability BEFORE CLASS. Bring the book to class so we can discuss diagrams, graphs, paragraphs.

3) Attend Class. A portion of test and assignment material is based on information and elaborations NOT in the text. A large part of success is showing up **mentally**.

4) Use the course forum to ask me and your peers for information. Use this for discussions that will benefit others. Do not use the forum to tell me that you will miss next class because it conflicts with your psychic appointment or your appearance on AMW .. everyone in the class has access to all the messages!

5) Review test and assignments to make sure you understand where you lost marks and to make sure that I added correctly.

6) Do not waste your in-class time on Facebook, IM, solitaire, email. These things are NOT on the test/exam. However, the concept I explained while you were doing those things probably will be... too late now, you missed it. Oh well, -2%. Was it worth it?

7) Do not schedule a vacation, wedding (especially your own), or other movable event to conflict with test or exam dates. Late or early test/exam writing will only be considered for emergency cases.

**Marking Scheme and Guidelines for coursework:**

1) [http://www.criticalthinking.org/files/Critical%20Thinking%20Grid.doc](http://www.criticalthinking.org/files/Critical%20Thinking%20Grid.doc)

## Schedule:

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Coverage</th>
<th>notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sep.  7</td>
<td>Ch1</td>
<td>[Intro to Cognition]</td>
</tr>
<tr>
<td>2</td>
<td>Sep. 14</td>
<td>Ch2</td>
<td>[Cognition and the Brain]</td>
</tr>
<tr>
<td>3</td>
<td>Sep. 21</td>
<td>Ch5</td>
<td>[STM and Working Memory]</td>
</tr>
<tr>
<td>4</td>
<td>Sep. 28</td>
<td>Ch6</td>
<td>[LTM &amp; Structure]</td>
</tr>
<tr>
<td>5</td>
<td>Oct.  5</td>
<td>Ch7</td>
<td>[LTM &amp; Process]</td>
</tr>
<tr>
<td>6</td>
<td>Oct. 12</td>
<td>Test (Required Readings, Ch 1,2,5,6,7) [no lecture]</td>
<td>Experiments(^{(1)})</td>
</tr>
<tr>
<td>7</td>
<td>Oct. 19</td>
<td>Ch3</td>
<td>[Perception]</td>
</tr>
<tr>
<td>8</td>
<td>Oct. 26</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Nov.  2</td>
<td>Ch4</td>
<td>[Attention]</td>
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<tr>
<td>10</td>
<td>Nov.  9</td>
<td>Ch9</td>
<td>[Knowledge I]</td>
</tr>
<tr>
<td>11</td>
<td>Nov. 16</td>
<td>Ch9</td>
<td>[Knowledge II]</td>
</tr>
<tr>
<td>12</td>
<td>Nov. 23</td>
<td>Ch10</td>
<td>[Visual Imagery]</td>
</tr>
<tr>
<td>13</td>
<td>Nov. 30</td>
<td>Ch11</td>
<td>[Language]</td>
</tr>
</tbody>
</table>

\(^{(1)}\) **Experiments:** Experiments will be run in multiple sessions. Scheduling will depend on class size and will be announced. The lab reports based on these experiments will constitute a maximum 30% of your final mark. Missed lab participation will result in a mark of no more than 50% of eligible marks on the submitted work. The lab reports will involve documenting one or more of the studies experienced during the course. The specific requirements for content and style will be stated and marks will be determined based on satisfaction of these requirements, (see Page 3 “Marking Scheme and Guidelines...”).

\(^{(2)}\) **Late assignments:** Reports are due in class on Thursday Nov. 2 and Thursday Nov. 23. Late submissions will accrue a minus 5 term-point penalty as follows: The late period for Lab Reports starts at 3:11 pm on the due date. An assignment submitted or with a timestamp from 3:11pm to 11:59pm on the due date accrues a minus 5 term-point penalty. Submission or timestamp on the following day (Friday) accrues a further minus 5 term-point penalty. Submission or timestamp on the Monday following the due date accrues a further minus 5 term-point penalty. Submissions or timestamp on or after the Tuesday following the due date will result in a mark of 0 (zero).