

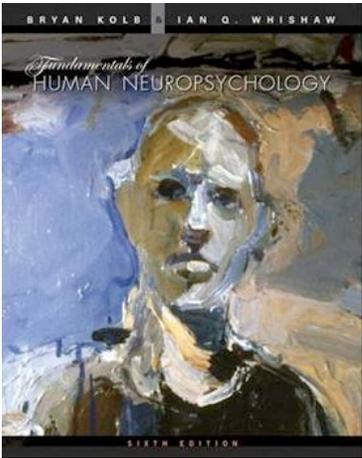
Course Details

Instructor	Dr. Ayesha Khan Office Location & Hours: CCT Building, Rm 4055, Fridays, 1:00 – 2:00PM E-mail: ayeshaa.khan@utoronto.ca Please include the course code in the subject of all E-mails.
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Teaching Assistants	Zainab Fatima zfatima@research.baycrest.org Diana Peragine diana.peragine@mail.utoronto.ca Skyler Mooney skyler.mooney@utoronto.ca
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Course Description	This course is intended to provide an introduction to the primary principles of neuroscience and to research in neuropsychology with particular emphasis on study of the pathological brain. We will begin by understanding essential concepts in neuroanatomy including organization of the nervous system, followed by an exploration of neuronal communication. Remainder of the course will focus on cortical function and pathologies associated with brain disorders and ways in which these disorders influence behaviour. By the end of this course you should have 1) an understanding of fundamentals in neuroanatomy and brain function, and 2) a better ability to identify basic behavioural manifestations that arise due to brain dysfunction. <p style="text-align: center;">Prerequisite: PSY100Y5</p> <i>If you have questions about missing prerequisites, the waiting list or other enrollment issues, please contact the Academic Counsellor for further information at jodie.stewart@utoronto.ca</i>
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Reading Materials	Kolb, W., & Wishaw I.Q. (2009). Fundamentals of Human Neuropsychology (6 th Edition) **Please purchase the 6th edition** USA: Worth Publishers ISBN-10: 0-7167-9586-8 ISBN-13: 978-0-716-79586-5
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Evaluation	Your final course grade will be based on: 1. Midterm test (35%) 2. Assignment (25%) 3. Final exam (40%) **Both the midterm & the final exam will consist of multiple choice, short answer, true/false, and essay questions. **Students are responsible for both lecture material (including information presented via invited speakers/videos) and assigned readings, with roughly equal weighting. Please do not petition to: <ul style="list-style-type: none"> - write a bonus assignment/test. - have bonus marks added to your final course grade. - have your midterm/assignment/final exam weighting readjusted.
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Assignment	<p>The purpose of this exercise is to help you gain appreciation for research conducted in human neuropsychology. For this assignment, you will be asked to select <u>four</u> recently published (2005-2012) peer-reviewed experimental papers on a <u>common</u> theme. You will be required to summarize these articles in your own words. Finally, you will be asked to design and propose an original experiment in your selected research area.</p> <p>Further information will be provided in a separate document. Please take the time to read this document carefully as you will be held accountable for knowing expectations for the assignment.</p> <p>Do not E-mail your assignment to the Instructor or the T.A.</p>
Web Postings	<p>Blackboard: http://portal.utoronto.ca All information about this course will be posted on Blackboard. Please make sure to consistently check for regular updates.</p> <p>You don't need to create a new login for Blackboard; it already knows who you are. You just need your UTORid and password. This is the same login that gets you onto the wireless network with your laptop, and the same one that you use to check your email. If you are unsure about your UTORid or don't remember your password, please visit: https://www.utorid.utoronto.ca/</p>
Course Policies	
Missed Tests	<p>No make-up tests are offered for this course. If you miss a test without an adequate excuse, you will receive a mark of zero for that test. However, with an adequate excuse your final will be worth 75%.</p> <p>Students who miss a test due to circumstances beyond their control (e.g. illness or an accident) can request that the Department grant them special consideration. Students must present their case to the Department (not the Instructor) by submitting a request via the online Special Consideration Request form at: https://utmapp.utm.utoronto.ca/SpecialRequest</p> <p>Original supporting documentation (e.g., medical certificates, accident reports, etc.) must be submitted to the Psychology Academic Counsellor or dropped off in the drop box located outside the Psychology office (Davis Building, 2037B). Students have up-to one week from the date of the missed test to submit a request. Late submissions will NOT be considered without a letter of explanation specifying and documenting the reasons for the lateness.</p> <p>Medical certificates or physician's notes must include the statement "<i>This Student [name] was unable to write the test on [date(s)] for medical reasons</i>". This documentation must show that the physician was consulted within one the day of the missed term test. A statement merely acknowledging a report of illness made by the student to the physician is <u>NOT</u> acceptable. For further information on this procedure please see: http://www.utm.utoronto.ca/psychology/undergraduate-studies/missed-tests/late-submissions</p>
Other Academic Matters	<p>If you are currently on academic probation or require a specific grade in this course, please make sure that you create a studying schedule for yourself that will allow for you to: (1) read the textbook, (2) attend lectures, and (3) visit the Instructor during office hours for additional help. If you are struggling with course material, ask for help <u>early!</u></p> <p>Your final course grade will be calculated based on the course components listed on the first page. It is not possible to change the weighting of your tests/assignments/final exam. Accordingly, it is your responsibility to manage your work/social/travel schedule so that you are able to complete the assignment before the deadline and have adequate time to prepare for tests/final exam.</p>

<p>Requests for Submission of Term Work Beyond the Due Date Without Penalty</p>	<p>You are advised to seek advising by the departments Undergraduate Counsellor prior to deadlines.</p> <p>Students who seek to be granted more time to complete their term work beyond the due date without penalty, owing to circumstances beyond their control (e.g. illness, or an accident), must do so by submitting as soon as possible a request directly to the Instructor for the period up to and including the last day of classes. Students must complete a Special Consideration Form, available outside the Psychology Office (Davis Building, 2037B) accompanied by original supporting documentation (e.g., a medical certificate, or an accident report). The decision as to whether or not to apply the penalty for the specified period rests with the Instructor.</p> <p>Students who seek to be granted more time to complete term work beyond the last day of class must submit their request directly to the <u>Department</u>. This request covers the period following the last day of classes and ends the last day of the exam period. This is done by submitting a request via the online Special Consideration Request form at: https://utmapp.utm.utoronto.ca/SpecialRequest</p> <p>Original supporting documentation (e.g., medical certificates, accident reports, etc.) must be submitted to the Psychology Academic Counsellor or dropped off in the drop box located outside the Psychology office. Students are expected to submit requests to the Department before the last day of the term, unless demonstrably serious reasons prevent them from doing so. In the event of an illness, medical certificates or doctor's notes must confirm that student was ill on the due date of the assignment (for a one-day extension). For a longer extension, documentation must specify the full duration during which academic work could not be carried out.</p> <p>For extensions of time beyond the examination period you must submit a petition through the Office of the Registrar. http://www.utm.utoronto.ca/registrar/current-students/petitions.</p>
<p>Penalties for Lateness</p>	<p>Term work must be submitted by/on the assigned date. A penalty of 10% per calendar day (i.e., including week-ends and holidays, during which students are not be able to submit term work) up to and including the last day of the term will be applied by the Instructor. After the last day of the term, the penalty of 10% per calendar day will be applied by the Undergraduate Coordinator on behalf of the Department. No penalty will be assigned if request for special consideration, described below, was successful.</p>
<p>Plagiarism</p>	<p>Honesty and fairness are considered fundamental to the university's mission, and, as a result, all those who violate those principles are dealt with as if they were damaging the integrity of the university itself. When students are suspected of cheating or a similar academic offence, they are typically surprised at how formally and seriously the matter is dealt with -- and how severe the consequences can be if it is determined that cheating did occur. The University of Toronto treats cases of cheating and plagiarism very seriously. Please take the time to review the section of Academic Honesty in the Academic Calendar:</p> <p>https://registrar.utm.utoronto.ca/student/calendar/calendar_detail2.pl?Topic=Summary%20of%20Code%20of%20Student%20Conduct</p> <p>Plagiarism is a serious offence, and it can take several different forms. Two of the most common are: 1) handing in work that was done in conjunction with or by another student and passing it off as your own; and 2) using published work in a way that does not conform with APA guidelines as to how to use and cite published work. With respect to the first, while you are encouraged to study with other students for term tests/ final exams that will be taken independently in class, the written work that you hand in is expected to be your own. With respect to already published work, students are expected to use the APA (6th edition) style for appropriately giving credit to the author. If you are not familiar with this style, you should read it carefully before handing in any research paper.</p> <p>From the Code of Behaviour on Academic Matters: "It shall be an offence for a student to knowingly: represent as one's own any idea or expression of an idea or work of another in any academic examination or term test or in connection with any other form of academic work, i.e. to commit plagiarism. Wherever in the Code an offence is described as depending on "knowing," the offence shall likewise be deemed to have been committed if the person ought reasonably to have known"). All students must refer to this website to obtain information on what constitutes plagiarism at http://www.writing.utoronto.ca/advice/using-sources/how-not-to-plagiarize. If questions arise after reading the material on the website, consult your instructor. Plagiarism will not be tolerated.</p>

Academic Guidelines	It is your responsibility to ensure that you have met all prerequisites listed in the UTM Calendar for this course. If you lack any prerequisites you WILL BE REMOVED from the course up until the last day to add a course. Further information about academic regulations, course withdrawal dates and credits can be found in the University of Toronto Mississauga Calendar at: http://www.erin.utoronto.ca/regcal/ . You are encouraged to read this material. If you run into trouble and need information about studying, preparing for exams, note taking or time management, free workshops and advice are available from the Academic Skills Centre at 905-828-5406.	
Course News	It is expected that students will check Blackboard on a regular basis, on the morning of each (class) meeting for updates.	
Special Needs	Students with special needs must go to Accessibility - Davis 2047, or telephone at 905-828-3847	
Date	Lecture Topic	Readings
September 14 th	Introduction to the Course The Development of Neuropsychology	Chapter 1
September 21 st	Organization of the Nervous System	Chapter 3: pp. 51 – 81 (Except Figure 3.25)
September 28 th	The Structure and Electrical Activity of Neurons	Chapter 4
October 5 th	Communication Between Neurons	Chapter 5
October 12 th	Imaging the Brain's Activity	Chapter 6
October 19th	Midterm 10:10AM – 12:50PM	Chapters 1, 3, 4, 5, & 6 Associated lecture notes & videos
October 26 th	Organization of the Sensory System Organization of the Motor System	Chapter 8 (Except Figure 8.12) Chapter 9
November 2 nd	The Occipital Lobes The Parietal Lobes	Chapter 13 (Except Figure 13.2) Chapter 14 (Except Figure 14.2)
November 9th	The Temporal Lobes Assignment Due Today! Details about assignment submission (location & time) will be posted on Blackboard.	Chapter 15 (Except Figures 15.2, 15.3, Table 15.1)
November 16 th	The Frontal Lobes	Chapter 16 (Except Figure 16.2, Tables 16.2, 16.4)
November 23 rd	Learning and Memory	Chapter 18
November 30 th	Spatial Behaviour	Chapter 21
Final Exam Period	Final Exam (3 Hours)	Chapters 8, 13, 14, 15, 16, 18, & 21 Associated lecture notes & videos