

PSY4080 6.0C – NEUROPSYCHOLOGY OF ABNORMAL BEHAVIOUR
(2013-2014): COURSE OUTLINE – DRAFT #3

(September 22, 2013)

Instructor: Lisa Trépanier, Ph.D., C.Psych.

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Class Time: Mondays 2:30-5:30 pm, Vanier College Room 114.

Required Books:

- 1) *Casebook of Clinical Neuropsychology. Joel E. Morgan, Ida Sue Baron, & Joseph H. Ricker (Editors) (2011). Oxford University Press.*
- 2) *Movies & Mental Illness: Using Films to Understand Psychopathology 3rd Edition. Danny Wedding, Mary Ann Boyd, and Ryan M. Niemiec. (2010). Hogrefe Publishing.*

Note: We will be highlighting major topics of interest to the majority in the class and not be able to cover all book contents. We will have a discussion in the first couple classes to firm up which topics we will cover, with my guidance/assistance.

Recommended Supplementary Readings & Resources:

- 1) *Textbook of Clinical Neuropsychology. Joel E. Morgan, and Joseph H. Ricker Editors (2008). Taylor & Francis Publishers. (companion textbook to the Casebook we will be using).*
- 2) *A Primer of Drug Action, 11th Ed. Robert M Julien, Claire Advocat & Joseph Comaty (2008).*
- 3) *Clinical Neuropsychology: A Pocket Handbook for Assessment. P.J. Snyder P.D. Nussbaum, & D.L. Robins (editors)(2006). APA Psychology Press.*
- 4) *Fractured Minds: A Case Study Approach to Clinical Neuropsychology (2nd Edition). J.A. Ogden. (2005). Oxford University Press.*
- 5) *Fundamentals of Human Neuropsychology. Bryan Kolb & Ian Wishaw 6th edition (2009). Worth Publishers*
- 6) *My Stroke of Insight. Dr. Jill Bolte Taylor – (Harvard Neuroscientist who suffered a massive Left hemisphere stroke and recovered)*
- 7) *Neuropsychological Assessment (5th ed), Muriel Lezak*
- 8) *Neuroanatomy through Clinical Cases, 2nd Ed., Hal Blumenfeld (comes with ebook)*

Prerequisites for taking this course PSYCH 4080 6.0 are as follows:

Psych 1010 6.0 Introduction to Psychology (completed with a minimum grade of C)\

Psych 2021 3.0 Statistical Methods I

Psych 2030 3.0 Introduction to Research Methods

Psych 2240 3.0 Biological Basis of Behaviour

Psych 3140 3.0 Abnormal Psychology

Evaluation:

Assignment	Proportion of Grade
<ul style="list-style-type: none"> • 1 Take Home Examination (essay format will be used to assess your knowledge of course material – (distributed Mon March 03, 2014; due 2 weeks later (March 17/14) in class at the latest or earlier. 	30% total
<ul style="list-style-type: none"> • 4 Presentations (Topics: 1-3 chapters each; depending on their length) through both terms from textbook chapters (You will know the chapters well enough to be able to teach the content to the class. • You can use a Power Point or Prezi presentation which should be emailed to me in advance if you want some guidance and then placed on the laptop for you to present. I will require an electronic copy before or at your time of presentation to facilitate grading it. I will organize to have the proper PC & AV equipment there. We will have ~2-3 presentations per class once we begin. Min=45 minutes and Max=75 minutes. In previous years, students made good use of Youtube.com or other website videos to enhance their presentations and visually depict conditions/symptoms etc. The recommended book resources will be helpful, as will the film references from book #2. You can use good excerpts from movies to illustrate symptoms/clinical presentations. I also have further materials students can utilize to make their presentations creative (e.g., brain model, books, & cases). A possibly helpful website is www.neuropsychologyarena.com . Have a detailed handout/paper to give to your classmates and course instructor. Put a maximum of 6 slides per page, preferably less so that students can read the print later. 	60% total – (20% each; highest 3/4 grades used)
<ul style="list-style-type: none"> • Active Participation – includes attendance for a minimum 	10% - (5% per term)

Class Schedule:

Date	Topic	Assignment
September 9, 2013	Introduction to the course: an overview; Introduction to classmates & professor	
September 16	Choose &/or be Assigned 4 Presentation Topics based primarily on interests and/or need; re-work course outline.	
September 23	The Historical Development of NP; Preparation for NP; Theories & Common applications of NP, Intro to Clinical Neuropsychological (NP) Assessment (Testing, Norms, Batteries, Approaches)	Dr. Trepanier

	<p>Organization of the Nervous System (Neuroanatomy for the Neuropsychologist) & Development of the CNS.</p> <p>Overview of the Technology of Clinical NP-Structural & Functional Neuroimaging in Clinical NP</p>	
September 30	<p>Chapters 25 of #1 (First Episode SCZ; discuss impact of the use of MJ, alcohol and cocaine products in SCZ)</p> <p>Chapters 27 of #1 (Release Hallucinations: Uninvited Guests & Phantom Orchestras)</p> <p>Ch. 9 of #2 (SCZ & Delusional Disorders)</p>	
October 7	<p>Chapters 14 & 15 of #1 (Pediatric TBI)</p> <p>Chapter 18 of #1 (Mod-Severe TBI)</p> <p>Chapters 16 of #1: Long Term Consequences of TBI)</p>	
October 14	NO CLASS (Thanksgiving)	NO CLASS
October 21	<p>Chapters 33 & 34 & (TLE-Adults)</p> <p>Chapter 44 of #1 (Seizures in Children)</p> <p>Chapter 12 of #1 (Landau-Kleffner Syndrome) (vs ASD)</p>	
October 28	<p>Chapter 38 of #1 (Acute Lymphocytic Leukemia)</p> <p>Chapters 2 of #1 (Asperger Disorder)</p>	
November 4	<p>Chapter 1 of #1 (FASD)</p> <p>Chapters 5 of #1 (Dyslexia)</p> <p>Chapter 22 of #1 & Pgs 156-157 of #2 (ADHD)</p>	

November 11	<p>Chapters 11 of #1 (Focal Cortical Dysplasia & Epilepsy Surgery)</p> <p>Chapters 3 of #1 & part of Chapter 12 of #2 (Autism Spectrum Disorders)</p> <p>Chapters 4 of #1 & part of Chapter 12 of #2 (Autism Spectrum Disorders)</p>	
November 18	<p>Chapters 62 of #1 (Ruptured Aneurysm of the ACA)</p> <p>Chapter 59 of #1 (BG Stroke)</p>	
November 25	<p>Dr. T presentation on her PhD research: NP of Parkinson's Disease (PD); Neurosurgery for PD & its sequelae on NP functioning (handout provided)</p> <p>Substance Abuse</p>	<p>Dr. Trepanier</p> <p>Dr. Trepanier</p>
December 2/11	<p>Last Day of Fall Classes FORMAL EXAM PERIOD (Dec 10-23/13)</p> <p>Chapter 39 of #1 (Deficits in High Functioning Patients)</p> <p>Chapter 26 of #1 (Late-Life Depression vs Dementia)</p>	
January 6/14	<p>First day of Winter Classes for 4080C</p> <p>Chapters 49 & 50 of #1 (SDAT & MCI)</p> <p>Chapter 60 of #1 (Vascular Dementia)</p> <p>Chapter 51 & 57 of #1 (CLBD & Pick's)</p>	<p>Dr. Trepanier</p>
January 13	<p>Chapter 20 of #1 (Recovery from mild TBI)</p> <p>Tolerance & Sensitivity in Substance Abuse</p> <p>Chapter 42 of #1 (Hepatic Encephalopathy)</p>	

January 20	Chapter 35 of #1 (Encephalopathy) Chapter 21 & 41 of #1 (Hypoxia & Anoxia)	
January 27	Chapters 53 & 54 of #1 (Huntington's Disease) Chapter 31 of #1 (Lead Poisoning) Chapter 52 of #1 (CBGD) (eg Movie : Idle Hand or episode of House)	Dr. Trepanier
February 3	Chapter 29 of #1 (Low Birth Weight) Chapters 58 & 61 of #1 and Pg 152 of #2 (Strokes: L-MCA & R Hemorrhagic) NP of Depression, Anti-depressants & Psychosurgery	Dr. Trepanier Dr. Trepanier
February 10	Chapters 23 & 24 of #1 (Somatoform Disorder & OCD) & Chapter 3 of #2 (Dissociative & Somatoform Disorders) Chapter 28 of #1 (Psychogenic Seizures)	 Dr. Trepanier
February 17	READING WEEK Feb 15-21, 2014	(No Classes!!!)
February 24/14	Chapter 45 of #1 (CNS Germinoma) Chapter 37 of #1 (CNS Tumor: Glioblastoma Multiforme) & Chapter 36 of #1 (Astrocytomas)	Dr. Trepanier
March 3/14	TAKE HOME TEST GIVEN Chapter 19 of #1 (Malingering) & Chapter 17 of #1 (Malingering)	
March 10	Chapter 13 of #1 (Liver Transplantation) Chapter 9 of #1 (Sickle Cell Anemia)	
March 17	Chapter 30 of #1 (NPH) Chapter 20 of #1 (Recovery from mTBI)	Dr. Trepanier Dr. Trepanier

	Take Home Test – Due March 17/14 at latest. Please bring to class. Prior permission required for alternative arrangements.	
March 24	Brain Eating Ameoba Chapter 47 of #1 (Adult MS)	Dr. Trepanier Dr. Trepanier
March 31, 2014	Summary and Discussion of the topics covered this year. Open Career discussion.	Dr. Trepanier

Extensions: Please contact me as soon as possible regarding an extension and/or need to reschedule your presentation(s) (no later than 48 hours before the due date). Documentation is necessary for both medical and nonmedical circumstances. Missed presentations may be made up either in a later class or arranged office hours. Please refer to your Academic Handbook for more information.

Please note the following dates:

Friday, October 25, 2013 - Last date to enroll in a Year course with permission of the course instructor

Friday, February 14, 2014 – Last date to drop a Year course without receiving a grade.