1.0 CALENDAR DESCRIPTION

Selected topics of current interest in Clinical Psychology.
Prerequisite: Psychology 2820E or both of Psychology 2800E and 2810

Unless you have either the requisites for this course or written special permission from your Dean to enrol in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

Description:
The course progresses from covering from basic symptomatology and phenomenology (subjective experience) of schizophrenia --the presenting picture of the disorder, and of its subdivisions-- through considerations of principled scientific investigation (clinical science; experimental psychopathology), to substantive findings delivered by the clinical science of the disorder.

2.0 COURSE INFORMATION

Instructor: Dr. R.W.J. Neufeld, C.Psych., FCAHS, FAAAP
Office and Phone Number: Westminster Hall, Room 310E, (519) 661-3696
Office Hours: By Appointment or after class
Email:rneufeld@uwo.ca

Time and Location of Lectures:

Please contact the course instructor if you require material in an alternate format or if you require any other arrangements to make this course more accessible to you. You may also wish to contact Services for Students with Disabilities (SSD) at 519-661-2111 Ext 82147 for any specific question regarding an accommodation.

3.0 READINGS: (No textbook required) – See Lecture Topics 6.0 and Lecture Schedule 7.0.

Note: Some readings augment lecture material; but some present independent course-relevant material.

FORMAT: Three seminar hours
FIRST PART: Lectures and readings
SECOND PART: Class presentations and related readings

For January 17, 2013 (Re Topics A & B)


For January 24, 2013:


For January 31, 2013 (Re: Topic C):


For February 7, 2013 (Re: Topic D):


For February 14, 2013 (Re: Topics D, E, & F)


Neufeld, R.W.J., Boksman, K., Vollick, D., George, L. & Carter, J.R. Stochastic dynamics of stimulus encoding in schizophrenia theory, testing and application (2010). *Journal of Mathematical Psychology,* 54, 90-108. Section 7, pp. 101-102 (plus Fig. 4); Section 8.1, pp. 104-105.


Additional Resource Materials (on 2-hour reserve at D.B. Weldon Library)


4.0 STUDENT EVALUATION – (See Test and Examination Schedule – 5.0 and Student Presentations – 6.0 below).

Class Participation (5%)

Class Presentation (10%)

A paper on the presented topic (25%)
This will be 2,500 words, including references and abstract, incorporating a synthesis of the topic, comments on the current state of knowledge, and suggestions for possible future directions of investigation. Due one week after the class presentation.

Mid-term Examination (25%)
One-hour, in class. Format: Short answer and essay

Final Examination (35%)
Two hours, scheduled during the Winter-term examination period. Format: Short answers and two essay questions.

Note that presentation topics are chosen by the student, in consultation with the professor (e.g., schizophrenia spectrum disorders – less extreme versions, possibly related to schizophrenia; relations of schizophrenia to other disorders, such as major depressive disorder, bipolar disorder, and post-traumatic stress disorder; heritability; family environment).

The Psychology Department follows the University of Western Ontario grading guidelines, which are as follows (see [http://www.uwo.ca/univsec/handbook/general/grades_undergrad.pdf](http://www.uwo.ca/univsec/handbook/general/grades_undergrad.pdf)):

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>90-100</td>
</tr>
<tr>
<td>A</td>
<td>80-89</td>
</tr>
<tr>
<td>B</td>
<td>70-79</td>
</tr>
<tr>
<td>C</td>
<td>60-69</td>
</tr>
<tr>
<td>D</td>
<td>50-59</td>
</tr>
<tr>
<td>F</td>
<td>below 50</td>
</tr>
</tbody>
</table>

One could scarcely expect better from a student at this level
Superior work that is clearly above average
Good work, meeting all requirements, and eminently satisfactory
Competent work, meeting requirements
Fair work, minimally acceptable
Fail
5.0 TEST AND EXAMINATION SCHEDULE (See also Student Presentations – 6.0)

January 24, 2013: Submission of 3 proposed titles of presentation topics, in order of preference, each accompanied by a 75-word description. Student presentations are to be scheduled (below).


Final Examination Week – Final Examination. Format: Short answer and essay. 2-hour duration; examined material is cumulative, including that of student presentations.

6.0 INSTRUCTOR AND STUDENT PRESENTATIONS:

Instructor Topics: (January 10 to February 14, 2014)

Order of topics and readings is designed to progress from basic symptomatology and phenomenology (subjective experience) --the presenting picture of the disorder, and of its subdivisions-- through considerations of principled scientific investigation (clinical science; experimental psychopathology), to substantive findings delivered by the clinical science of the disorder.

Order of Topics:

A.) Overview, and historical perspective.
   Also: Discussion of possible student-presentation topics.

B.) Symptom subtypes of schizophrenia;
   current developments in symptom taxonomies and scales.

C.) Research strategies:
   Levels of analysis; diagnostic-efficiency statistics, “high-risk research”, and “high-risk prediction”
   (the issue of base rates); issues of progress, and “theoretical bold conjecture”.

D.) Symptom-significant information-processing debilities.

E.) The cognitive side of the clinical cognitive neuroimaging of schizophrenia (MRS, fMRI, fMRS).

F.) Stress and Schizophrenia.

Student Presentations: (March 7 to March 28, 2014)

Topics are to be proposed and approved by the instructor. Presentations themselves are organized along the lines of a conference symposium. There are three presentations, except for the first round, March 7, which has 1 presentation-- of 40 minutes each, per class., including 10 minutes for questions and discussion. In fairness to all, strict adherence to time restrictions is essential.

A keynote reading on the topic is to be assigned the week prior to the presentation. A pdf of the reading should be sent to Ms. Faith Hennessy (fhenness@uwo.ca), who will circulate it to the 3990G listserv. If a pdf is not possible, the paper should be provided to Ms. Hennessy, who will scan it, and circulate it to the class listserv. Note that keynote readings must be other than those specifically assigned in this outline.
One week after the presentation, a two thousand, five hundred word (including references and abstract) electronic version of a paper on the selected topic should be sent to the class, via Ms. Hennessy (above), with a hard copy handed into the instructor. In addition, a copy must be submitted through SAKAI-OWL TURNITIN. The paper should follow APA publication guidelines, including a brief Abstract, references, and possibly Appendix, as is appropriate (all within the word limit).

**Example Topics:** Schizophrenia spectrum disorders – less extreme versions, possibly related to schizophrenia; relations of schizophrenia to other disorders, such as major depressive disorder, bipolar disorder, post-traumatic stress disorder; heritability; family environment; Schizophrenia and creativity (genius); pharmacological treatment; schizophrenia and nicotinic neuro-circuitry; psychological treatment; schizophrenia and violence; cultural aspects of schizophrenia.

Please tender 3 topics: efforts will be made to assign your most (more) preferred topic, but in the case of a tie(s), random assignment will be invoked. It is necessary that there be no deviations from the assigned schedule.

**For relevant dates, please see Lecture Schedule below.**

**7.0 LECTURE SCHEDULE (Order of Instructor Topics and Student Presentations will be as stated above but dates of note are as follows):**

**January 10 & 17, 2014:** Overview; historical perspectives

**January 24, 2014:** Submission of 3 proposed titles of presentation topics, in order of preference, each accompanied by a 75-word description.

**January 31, 2014:** Assignment of approved topics (with possible adjustment and feedback), and scheduling of presentations,

**January 24 to February 14, 2014:** Remaining topics by instructor.

**February 28, 2014:** In-class test. Format: Short-answer and essay; 1 hour duration.

**April 4, 2014:** Summary comments and discussion, and tying up loose ends.

Final Examination: **Final examination week.** Format: Short-answer and essay. 2 hour duration; examined material is cumulative, including student presentations.

**8.0 STATEMENT ON ACADEMIC OFFENCES**

Students are responsible for understanding the nature and avoiding the occurrence of plagiarism and other scholastic offenses. Plagiarism and cheating are considered very serious offenses because they undermine the integrity of research and education. Actions constituting a scholastic offense are described at the following link:  [http://www.uwo.ca/univsec/handbook/appeals/scholoff.pdf](http://www.uwo.ca/univsec/handbook/appeals/scholoff.pdf)

As of Sept. 1, 2009, the Department of Psychology will take the following steps to detect scholastic offenses. All multiple-choice tests and exams will be checked for similarities in the pattern of responses using reliable software, and records will be made of student seating locations in all tests and exams. All written assignments will be submitted to Turnitin, a service designed to detect and deter plagiarism by comparing written material to over 5 billion pages of content located on the Internet or in Turnitin's databases. All papers submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.com ([http://www.turnitin.com](http://www.turnitin.com)).

Possible penalties for a scholastic offense include failure of the assignment, failure of the course,
suspension from the University, and expulsion from the University.

9.0 OTHER INFORMATION

Office of the Registrar web site: http://www.registrar.uwo.ca/index.cfm

Student Development Services web site: http://www.sdc.uwo.ca

Please see the Psychology Undergraduate web site for information on the following:

http://psychology.uwo.ca/undergradresponsibilites.htm

- Policy on Cheating and Academic Misconduct
- Procedures for Appealing Academic Evaluations
- Policy on Attendance
- Policy Regarding Makeup Exams and Extensions of Deadlines
- Policy for Assignments
- Short Absences
- Extended Absences
- Documentation
- Academic Concerns
- 2011 Calendar References

No electronic devices, including cell phones, will be allowed during exams.